City of Morgan Hill
Development Services Department

Morgan Hill Senior Housing Project

Initial Study

August 2020

Prepared by

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20 years
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INITIAL STUDY

August 2020

A. BACKGROUND

1. Project Title: Morgan Hill Senior Housing Project

2. Lead Agency Name and Address:
City of Morgan Hill
Development Services Department
Morgan Hill, CA
17575 Peak Avenue
Morgan Hill, CA 95037

3. Contact Person and Phone Number:
Gina Paolini
Principal Planner
(408) 310-4676

4. Project Location:
16685 Church Street
Morgan Hill, CA 95037
APNs: 817-02-001 and -025

5. Project Sponsor's Name and Address:
Morgan Hill Senior Housing LP
6120 Stoneridge Mall, Suite 100
Pleasanton, CA 95037
(925) 924-7135

6. Existing General Plan Designation: Mixed-Use Flex (MU-F)

7. Existing Zoning Designation: Mixed-Use Flex (MU-F)

8. Required Approvals from Other Public Agencies:
Regional Water Quality Control Board
Santa Clara Valley Water District
Bay Area Air Quality Management District

9. Surrounding Land Uses and Setting:

The project site consists of approximately 1.89 acres, located at 16685 Church Street in the City of Morgan Hill, California. The site is identified by Assessor's Parcel Numbers (APNs) 817-02-001 and -025. The City of Morgan Hill 2035 General Plan designates the site as Mixed-Use Flex (MU-F) and the site is zoned MU-F. The site is developed with three existing structures within the eastern portion of the site. Currently, the project site includes one single-family structure with a detached garage and an existing building formerly used for commercial/retail purposes. Seven trees exist within the project site, including within the eastern portion of the site and along the southern site boundary. A portion of the project site, near the intersection of Monterey Road and San Pedro Avenue, is within a Federal Emergency Management Agency (FEMA) Zone AE flood hazard area, attributed to nearby West Little Llagas Creek. The project site is surrounded by a U.S. Post Office to the south; Monterey Road and undeveloped land to the west; Church Street

and light industrial businesses to the east; and San Pedro Avenue, new single-family residences, and commercial businesses to the north.

10. Project Description Summary:

The Morgan Hill Senior Housing Project (proposed project) would include the demolition of the existing on-site structures and construction of a three-story, 82-unit, affordable senior housing development. The proposed project would be comprised of 81, one-bedroom units for low-income seniors, as well as one two-bedroom unit for an on-site property manager. The maximum height of the structure would be approximately 41 feet. The height of the structure was determined to be 41 feet to allow the 1st floor elevation to be at least one foot higher than the water surface elevation of the 100-year floodplain. The proposed project would include landscaping improvements, a private south-facing courtyard, a shaded entry canopy to a garden waiting area for on-site resident pick-up and drop-off, and 37 parking spaces. The project would also include a five-foot sidewalk along the west, north, and east facing frontages, which would provide connectivity to the surrounding community. The proposed project would be consistent with the General Plan land use and zoning designations for the site.

The project would require Design Review approval and issuance of a demolition permit. The requested density would be achieved through State Density Bonus law. As discussed in Section E of this Initial Study, the density bonus, with concessions, has already been approved by City Council. The proposed project will follow the entitlement guidelines of the Senate Bill (SB) 330 program and Assembly Bill (AB) 1763 regarding density bonus.

B. SOURCES

The following documents are referenced information sources used within this analysis:

1. AEI Consultants. *Phase I Environmental Site Assessment, 16685 Church Street, Morgan Hill, California.* August, 20, 2019.
2. Association of Bay Area Governments. *Dam Failure Inundation Hazard Map for Morgan Hill*. 1995. Available at: http://www.mhcert.com/prepare/dam_failure.shtml. Accessed June 2020.
3. Association of Bay Area Governments. *Resilience Program*. Available at: https://mtc.maps.arcgis.com/apps/webappviewer/index.html?id=4a6f3f1259df42eab29b35dfcd086fc8. Accessed June 2020.
4. Bay Area Air Quality Management District. *California Environmental Quality Act Air Quality Guidelines*. May 2017.
5. California Air Resources Board. *Air Quality and Land Use Handbook: A Community Health Perspective*. April 2005.
6. California Air Resources Board. *The 2017 Climate Change Scoping Plan Update.* January 20, 2017.
7. California Building Standards Commission. *California Green Building Standards Code*. 2019.
8. California Department of Conservation. *Santa Clara County Important Farmland Map 2016.* September 2018.
9. California Department of Finance. *E-5 City/County Population and Housing Estimates.* Available at: http://www.dof.ca.gov/Forecasting/Demographics/Estimates/E-5/. January 1, 2020.

10. California Department of Forestry and Fire Protection. *Morgan Hill, Very High Fire Hazard Severity Zones in LRA.* October 9, 2008.
11. California Department of Resources Recycling and Recovery (CalRecycle). *Facility/Site Summary Details: Johnson Canyon Sanitary Landfill (27-AA-0005).* Available at: https://www2.calrecycle.ca.gov/swfacilities/Directory/27-AA-0005/. Accessed June 2020.
12. California Department of Transportation. *Scenic Highways.* Available at: https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways. Accessed July 2020.
13. California Energy Commission. *Title 24 2019 Building Energy Efficiency Standards FAQ*. November 2018.
14. California Historical Resources Information System. *Record search results for the proposed project located at 16685 Church Street in the City of Morgan Hill, California.* June 25, 2020.
15. City of Morgan Hill. *2015 Urban Water Management Plan*. 2016.
16. City of Morgan Hill. *2035 General Plan Draft EIR*. January 2016.
17. City of Morgan Hill. *2035 General Plan, City of Morgan Hill.* Adopted July 2016.
18. City of Morgan Hill. *City Council Staff Report 2163, Accept Report Regarding Wastewater System Needs and Rate Study Schedule.* February 6, 2019.
19. City of Morgan Hill. *City of Morgan Hill Wildland Urban Interface Map.* March 2009.
20. City of Morgan Hill. *Emergency Operations Plan.* January 11, 2018.
21. City of Morgan Hill. *Morgan Hill 2035 Final Environmental Impact Report.* Adopted July 2016.
22. Dave Laczko & Associates, LLC. *RE: Development impacts upon existing trees, 16685 Church Street, Morgan Hill, CA.* February 7, 2020.
23. Department of Conservation. *State of California, Special Studies Zones, Mt. Madonna Quadrangle, Revised Official Map.* Effective January 1, 1976.
24. Federal Emergency Management Agency. *National Flood Hazard Layer FIRMette No. 06085C0607H.* Accessed July 2020.
25. Geosphere Consultants, Inc. *Geotechnical Engineering Study, New Morgan Hill Senior Housing Development, Monterey Road & San Pedro Avenue, Morgan Hill, California 95037*. October 4, 2019.
26. Hexagon Transportation Consultants, Inc. Subject: *Trip Generation and Operations Analysis for the Proposed 16685 Church Street Senior Housing Project in Morgan Hill, California.* July 2, 2020.
27. Hexagon Transportation Consultants, Inc. *Subject: VMT Assessment for the Proposed 16685 Church Street Senior Housing Project in Morgan Hill, California.* June 30, 2020.
28. Historic Resource Associates. *Re: Historic Resource Analysis Study of the Morgan Hill Senior Housing Project, 16685 Church Street and 94 San Pedro Avenue, Morgan Hill, Santa Clara County, CA.* June 25, 2020.
29. Karner and Benner (2015). *Low-wage jobs-housing fit: identifying locations of affordable housing shortages.*
30. Karner and Benner (2016). *The convergence of social equity and environmental sustainability: Jobs-housing fit and commute distance ("[P]olicies that advance a more equitable distribution of jobs and housing by linking the affordability of locally available housing with local wage levels are likely to be associated with reduced commuting distances").*
31. Native American Heritage Commission. *Re: Senior Housing Project, Santa Clara County.* June 18, 2020.
32. Patriot Environmental Laboratory Services, Inc. *Re: Asbestos Inspection, Morgan Hill Senior Housing, 94 San Pedro Avenue, Morgan Hill, CA 95037*. January 15, 2020.

33. Patriot Environmental Laboratory Services, Inc. *Re: Lead-based Paint Survey (for RRP Compliance), Morgan Hill Senior Housing, 94 San Pedro Avenue, Morgan Hill, CA 95037*. January 15, 2020.
34. Salinas Valley Solid Waste Authority. *2018-19 Annual Report.* October 14, 2019.
35. Santa Clara County. *Comprehensive Land Use Plan, Santa Clara County, South County Airport.* Amended November 16, 2016.
36. Santa Clara Valley Habitat Agency. *Final Santa Clara Valley Habitat Plan*. August 2012.
37. Santa Clara Valley Habitat Agency. *Geobrowser*. Available at: http://www.hcpmaps.com/habitat/. Accessed June 2020.
38. Santa Clara Valley Transportation Authority. *2015 Congestion Management Plan.* October 2015.
39. Santa Clara Valley Water District. *2016 Groundwater Management Plan, Santa Clara and Llagas Subbasins.* November 2016.
40. Santa Clara Valley Water District. *C1: Anderson Dam Seismic Retrofit*.* Available at: https://www.valleywater.org/anderson-dam-project. Updated November 2018.
41. Schaaf & Wheeler Consulting Civil Engineers. *Subject: Morgan Hill Senior Housing Project Hydraulic Impact Study.* September 18, 2019.
42. Schaff & Wheeler Consulting Civil Engineers. *Subject: Response to Valley Water Comment Letter for the Morgan Hill Senior Housing Floodplain Study.* June 8, 2020.
43. Stephen L. Kostka and Michael H. Zischke. *Practice Under the California Environmental Quality Act, Second Edition* [pg. 5-68]. March 2019 Update.

C. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

As indicated by the checklist on the following pages, the proposed project would not result in significant impacts to any of the environmental factors listed below, and mitigation would not be required.

☐ **Aesthetics**	☐ **Agriculture and Forest Resources**	☐ **Air Quality**
☐ **Biological Resources**	☐ **Cultural Resources**	☐ **Energy**
☐ **Geology and Soils**	☐ **Greenhouse Gas Emissions**	☐ **Hazards and Hazardous Materials**
☐ **Hydrology and Water Quality**	☐ **Land Use and Planning**	☐ **Mineral Resources**
☐ **Noise**	☐ **Population and Housing**	☐ **Public Services**
☐ **Recreation**	☐ **Transportation**	☐ **Tribal Cultural Resources**
☐ **Utilities and Service Systems**	☐ **Wildfire**	☐ **Mandatory Findings of Significance**

D. DETERMINATION

On the basis of this initial study:

☒ I find that this environmental checklist provides substantial evidence that the proposed project can be considered exempt from the California Environmental Quality Act on the basis that it meets the criteria for the Infill Development Project Exemption (Guidelines Section 15332) and does not meet any of the exceptions for exemptions (Guidelines Section 15300.2).

☐ I find that the Proposed Project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☐ I find that although the Proposed Project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the applicant. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the Proposed Project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a “potentially significant impact” or “potentially significant unless mitigated” on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature	Date
Gina Paolini, Principal Planner	City of Morgan Hill
Printed Name	For

E. BACKGROUND AND INTRODUCTION

In July 2016, the City of Morgan Hill adopted the 2035 General Plan,[1] as well as an associated Environmental Impact Report (EIR) for the updated General Plan.[2] The General Plan EIR is a program EIR, prepared pursuant to Section 15168 of the CEQA Guidelines (Title 14, California Code of Regulations, Sections 15000 *et seq*.). The General Plan EIR analyzed full implementation of the General Plan and identified measures to mitigate the significant adverse impacts associated with the General Plan. The City of Morgan Hill 2035 General Plan designates the site as MU-F, which allows for a mix of residential, commercial, and office uses. The MU-F designation allows for 7 to 24 units per acre. The current MU-F zoning allows approximately 46 units on-site. The proposed project includes the development of 81 affordable senior housing units and one property manager unit. This density can be achieved through State Density Bonus law. Pursuant to Government Code Section 65915(f)(3)(D)(i), because the project includes 100 percent affordable rental units for lower income houses (excluding the manager's unit), the project is entitled to a density bonus of 80 percent of the number of units for lower income households. The project's requested density, as well as the following four concessions, were approved by the Morgan Hill City Council on June 17, 2020:

1. Increase in floor-area-ratio (FAR): 0.84 FAR proposed (0.50 maximum allowed);
2. Reduction in parking requirements: 37 parking spaces provided (83 required);
3. Reduction in private open space: Only common open space provided. No private open space provided (1,968 square feet required); and
4. Increase in height limitation: 41 feet for flood purposes (35 feet maximum allowed)

The purpose of this Initial Study is to evaluate whether the proposed project is exempt from review pursuant to the California Environmental Quality Act (CEQA). Secondly, this Initial Study evaluates whether the proposed project meets any of the exceptions or exemptions listed in Section 15300.2 of the CEQA Guidelines. The summary of the analysis contained in this Initial Study and the relevant findings related to the above key inquiries is presented in the following sections.

A further point is noteworthy before proceeding with the analysis. The relevant questions a lead agency must consider when determining if a particular project is exempt from CEQA are focused on the specific criteria for exemptions and the list of exceptions to an exemption within the CEQA Guidelines. Thus, for this project, the City of Morgan Hill could have focused this analysis on the criteria for the Infill Exemption in CEQA Guidelines Section 15332 and the list of exceptions in Section 15300.2. For this particular project, the City elected to prepare a full Initial Study checklist to provide the substantial evidence supporting its determination as to whether the project can be considered exempt from CEQA. For an overview of the focused list of criteria pursuant to Sections 15332 and 15300.2, see Section G of this Initial Study.

F. PROJECT DESCRIPTION

The following provides a description of the project site's current location and setting, as well as the proposed project components and required discretionary actions.

Project Location and Setting

The project site consists of approximately 1.89 acres, located at 16685 Church Street in the City of Morgan Hill, California (see Figure 1 and Figure 2).

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1 City of Morgan Hill. *2035 General Plan, City of Morgan Hill.* Adopted July 2016.
2 City of Morgan Hill. *Morgan Hill 2035 Final Environmental Impact Report.* Adopted July 2016.

Figure 1
Regional Project Location

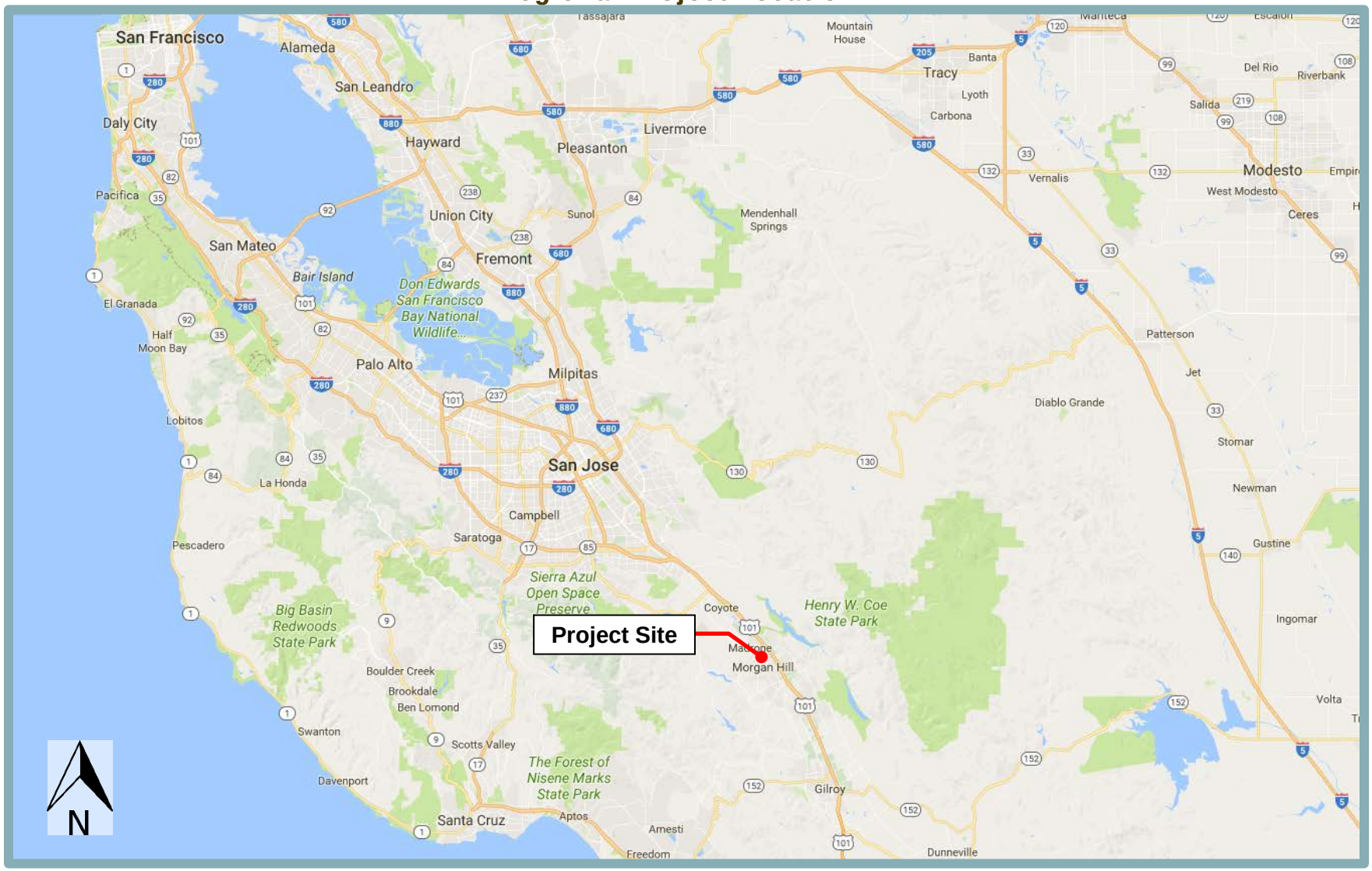


Figure 2
Project Vicinity Map

The site is identified by APNs 817-02-001 and -025. The City of Morgan Hill 2035 General Plan designates the site as MU-F and the site is zoned MU-F.

The site is developed with three structures within the eastern portion of the site, one single-family structure with a detached garage and an existing building formerly used for commercial/retail purposes. Seven trees exist within the project site. A portion of the proposed project site, near the intersection of Monterey Road and San Pedro Avenue, is located within a FEMA Zone AE flood hazard, attributed to nearby West Little Llagas Creek.[3] The project site is surrounded by the following: a U.S. Post Office to the south; Monterey Road and undeveloped land to the west; Church Street and light industrial businesses to the east; and San Pedro Avenue, new single-family residences, and commercial businesses to the north. The industrial businesses located to the east include Airtronics Metal Parts, Monterey Auto Service, and Romax Auto Group. The commercial businesses to the north and northwest include a gas station operated by World Oil, and Paul's Liquor Market. The commercial businesses to the south include Nor Cal Business & Tax Services, Carlos Bookkeeping Services, and Sir Speedy Print, Signs, Marketing, as well as other small businesses.

Project Components

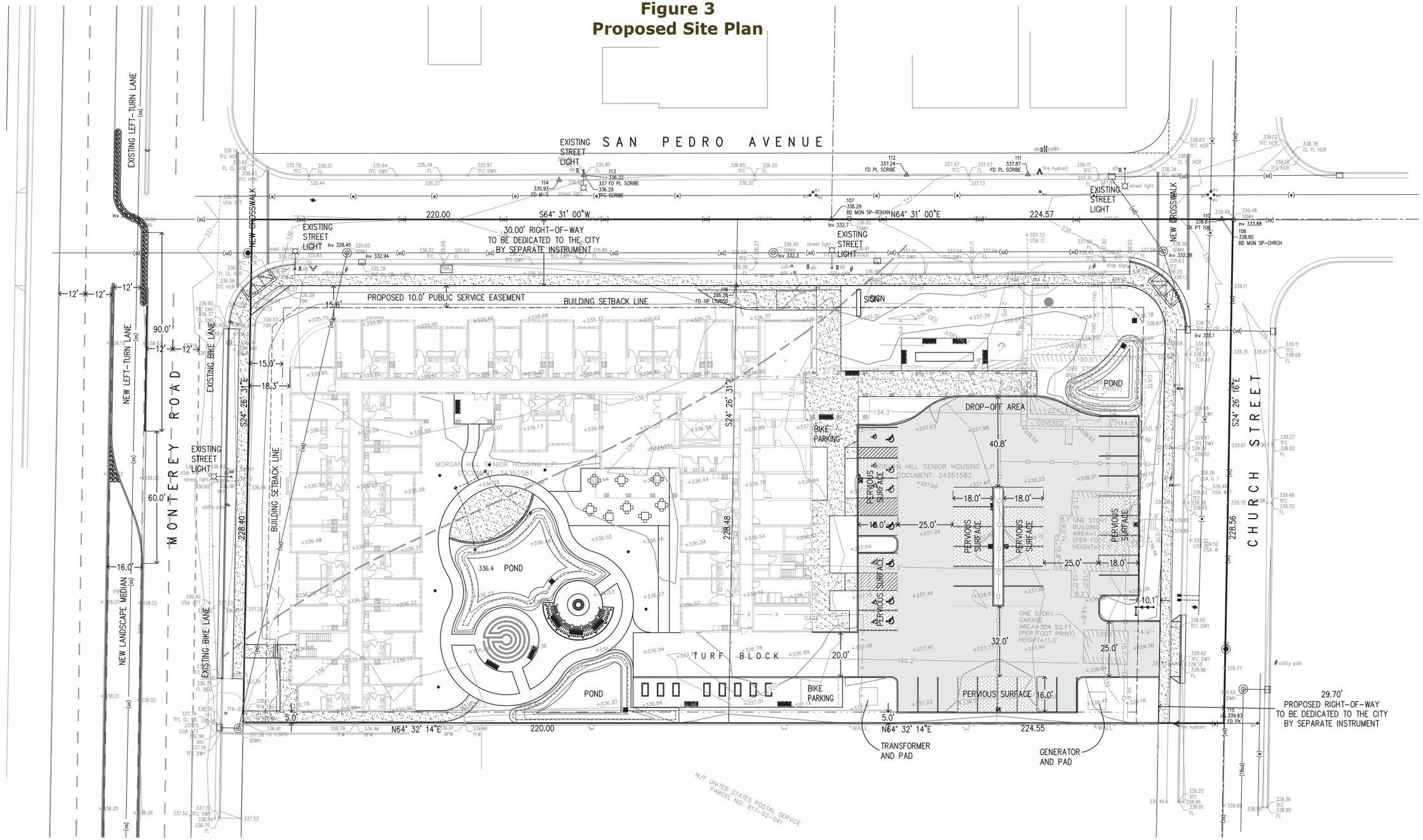
The proposed project would include demolition of the existing on-site structures and the removal of all on-site trees, with the exception of one tree in the northeast corner of the site. The proposed project would include the construction of a three-story, 82-unit, affordable senior housing development (see Figure 3). The proposed project would be comprised of 81 one-bedroom units for low-income seniors, as well as one two-bedroom unit for an on-site property manager. The maximum height of the structure would be approximately 41 feet. The height of the structure was determined to be 41 feet to allow the first-floor elevation to be at least one foot higher than the water surface elevation of the 100-year floodplain.

The proposed project would include landscaping improvements, a private south-facing courtyard, and a shaded entry canopy to a garden waiting area for on-site resident pick-up and drop-off. A six-foot, good neighbor screen would be constructed along the southern portion of the site and a three-foot fence would be provided along San Pedro Avenue. The project would also include a five-foot sidewalk along its west, north, and east facing frontages, which would provide connectivity to the surrounding community.

The proposed residential building would include two elevators, a ground-floor lobby and lounge, and a patio on the third floor overlooking the Monterey Road/San Pedro Avenue corner. As shown in Figure 4, the first floor of the building would include 23 residential units, one property manager unit, utility rooms, a trash enclosure, management offices, a conference room, a community room, and a lounge. The second floor of the building would include 29 residential units, a media room, and a laundry room (see Figure 5). The third floor would include 29 residential units, a clubhouse, a roof deck, and a fitness center (see Figure 6). Additionally, the proposed project would include an emergency generator in the southeast corner of the site, which would require the use and storage of diesel fuel.

[3] The Zone AE is defined by FEMA as the "areas subject inundation by the 1-percent-annual-chance flood event determined by detailed methods." The project site is located in the Zone AE with regulatory 100-year base flood elevations (BFE) between 335-feet upstream of Mathilda Avenue and 339-feet downstream of Spring Avenue (NAVD 88).

Figure 3
Proposed Site Plan



GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

NO.	DESCRIPTION	DATE	BY

p:\proj\ Revisions

Work Accepted: Inspector:

As-Built Corrections

By: _____ Date: _____

Supervised by:
Amanda Joy Musy-Verdel
Registered Civil Engineer
RCE no. 69278
Exp. date: _____

signature date

REGISTERED PROFESSIONAL ENGINEER AMANDA JOY MUSY-VERDEL NO. 69278 EXP. 6-30-20 Civil STATE OF CALIFORNIA

HANNA-BRUNETTI EST. 1950
CIVIL ENGINEERS • LAND SURVEYORS
CONSTRUCTION MANAGERS
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA
OFFICE (408) 842-2173 • FAX (408) 842-3662
EMAIL. ENGINEERING @ HANNABRUNETTI.COM

DRAWN	DESIGN	HOR 1"=20'
CHECKED	DATE	VERT
APPROVED	DATE	AS BUILT
Scott C Greer R.C.E. # 58879 — CITY ENGINEER EXP. 6/30/19		JOB NUMBER 20019

City of Morgan Hill
Public Works Department
17575 Peak Avenue, Morgan Hill - California - 95037
(408) 776-6480 - fax (408) 779-7236
CITY OF MORGAN HILL

Site Plan
Morgan Hill Senior Housing

City File no.
PRINT DATE
SHEET NUMBER C.3 OF 8

Figure 4
First Floor – Site Plan

Figure 5
Second Floor – Site Plan

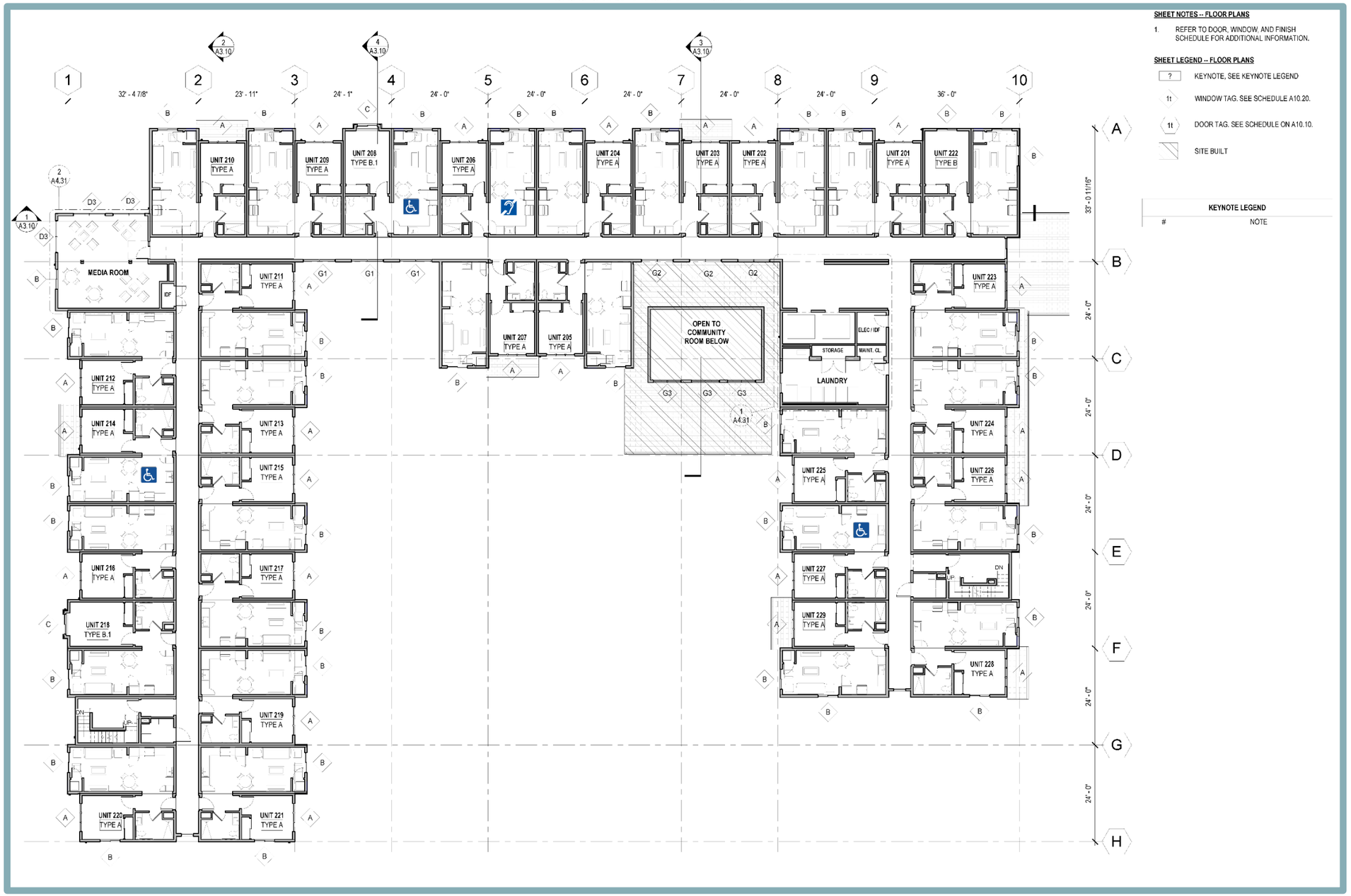
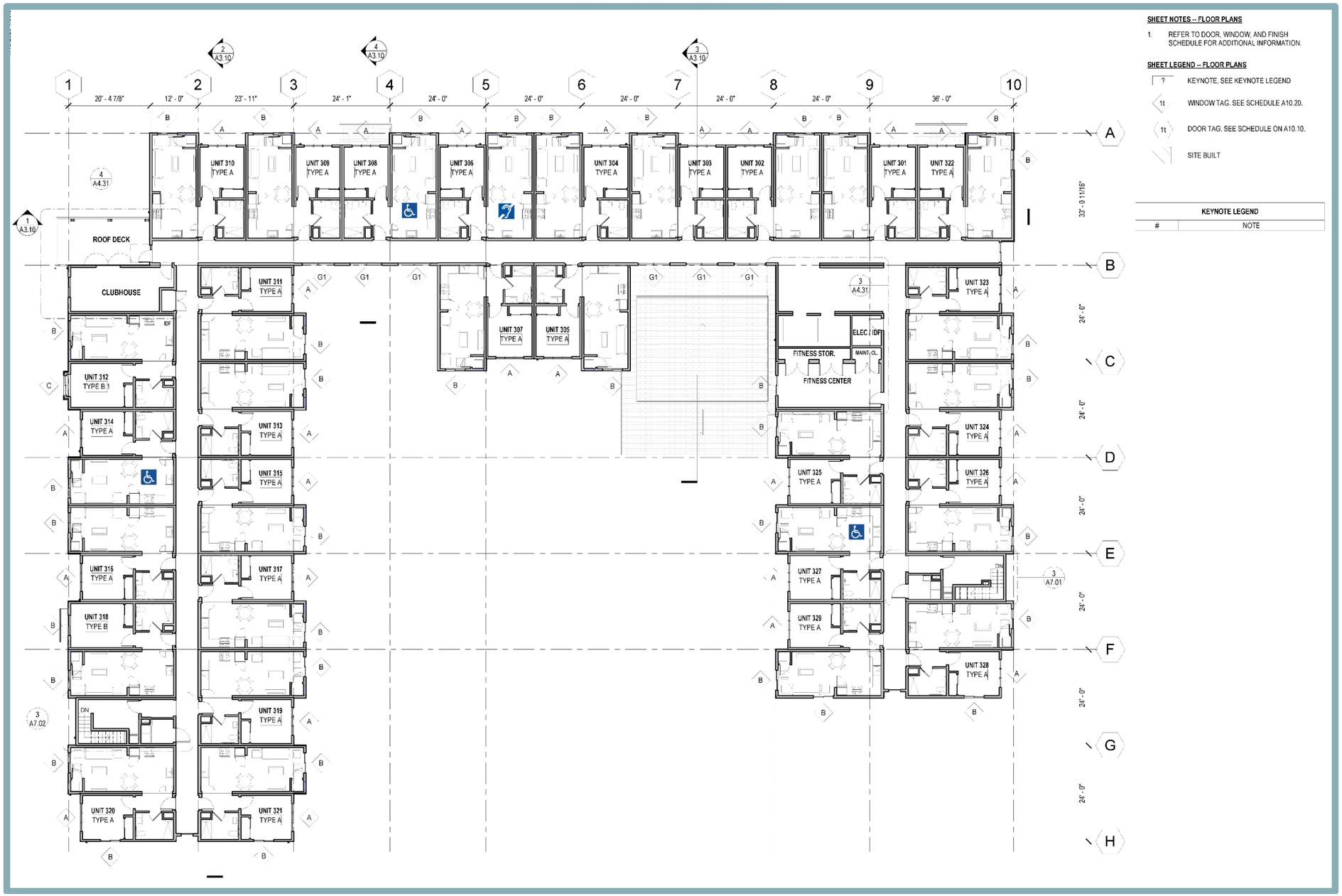


Figure 6
Third Floor – Site Plan



Access to the project site would be provided by an improved driveway along Church Street, in the same approximate location of an existing curb cut. The driveway would be approximately 25 feet wide with a vehicle gate. Key fobs that open the vehicle gate would be provided to individuals with access to the site. The proposed project would also include a pick-up/drop-off area at the northern end of the proposed parking lot. In addition, the proposed project would include 37 on-site surface parking spaces, nine short-term bike parking spaces, and 18 long-term bike parking spaces. Of the 37 parking spaces, seven spaces would be ADA compliant, nine would be compact spaces, two would be electrical vehicle (EV) charging spaces, and 19 would be standard parking spaces.

Project Operations

The proposed project would include four full-time staff members comprised of a resident service coordinator, maintenance employee, property manager, and lease-up specialist. Hours of operation would generally be from 9:00 AM to 5:00 PM, Monday through Friday with evening and weekend hours as needed. The project anticipates 15 to 20 visitors per day including friends, family, caregivers, food delivery, and service providers. Additionally, a van would be used for resident shopping and medical trips, with approximately one trip occurring per day. Approximately 50 percent of residents are assumed to have their own car for personal use. As noted above, residents will be given key fobs that open the vehicle gate to allow access to the site.

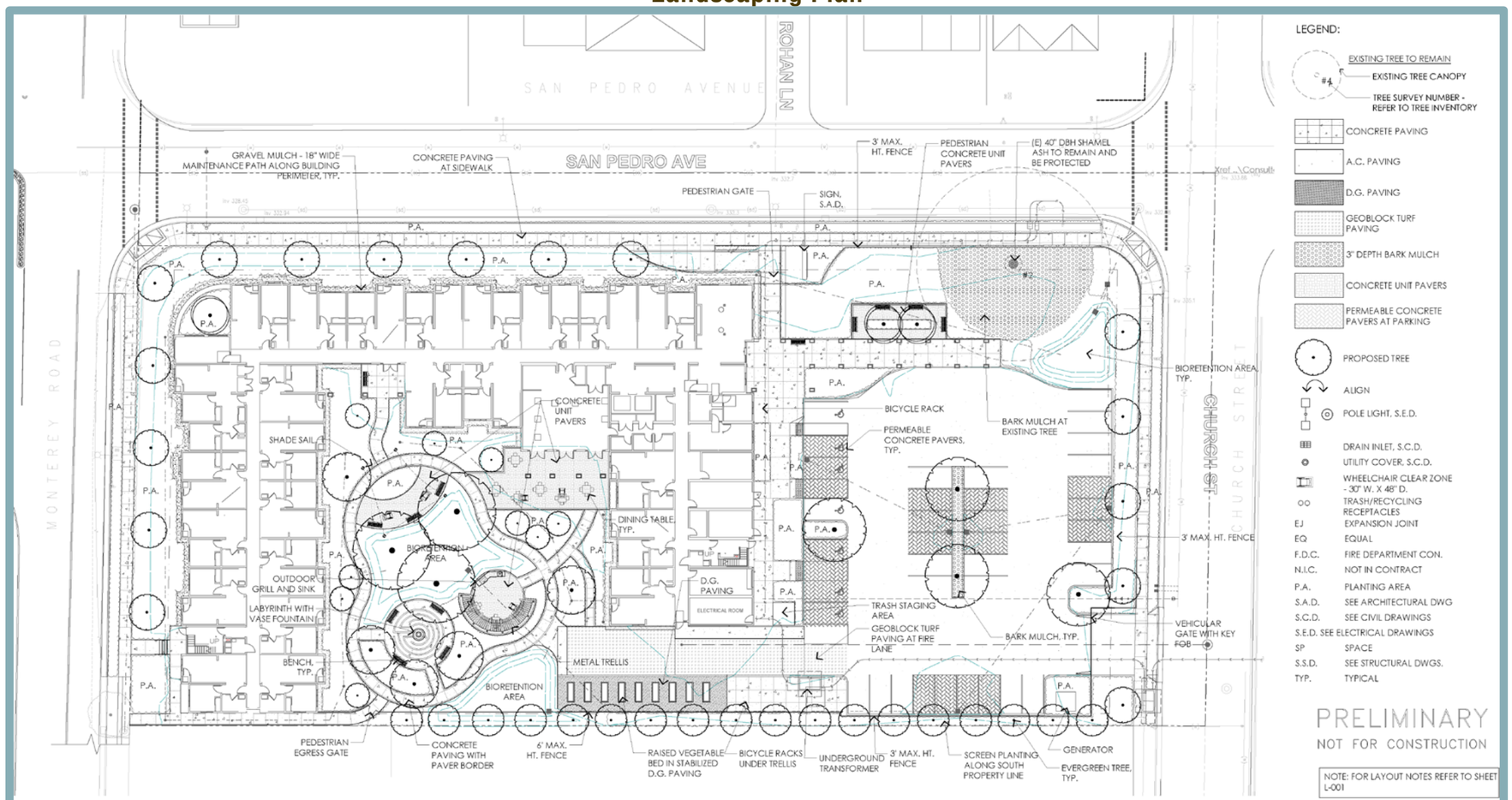
Pursuant to Section 18.64.050 of the City's Municipal Code, landscaping would be provided throughout the site in accordance with the City's Standard Details for Construction. As shown in Figure 7, the proposed project would include the planting of various trees, shrubs, and ground cover along the site perimeter, near the proposed parking areas and two proposed bioretention areas. Evergreen trees and heavier plantings would be placed at the southern boundary to help screen views of the courtyard, raised vegetable bed, and other on-site areas. In addition, the existing 40-inch Shamel ash tree located in the northeast corner of the site would be retained and protected as part of the proposed project.

Water and sewer service for the proposed development would be provided through connections to existing City infrastructure located in the site vicinity. The proposed project would include new water connections from the proposed building to an existing water main within Church Street (see Figure 8). A new eight-inch sanitary sewer line would be routed from the proposed building, eventually connecting to an existing sanitary sewer manhole within San Pedro Avenue.

Stormwater from the project site would flow to various on-site drainage management areas (DMAs). The project site would include nine DMAs with different stormwater control measures (see Figure 9). Two of the DMAs would direct runoff to one of the two proposed bioretention areas; six DMAs would include pervious pavers with an underdrain, which would ultimately direct water to the storm drain in San Pedro Avenue; and one DMA would be a self-treating area. In addition, as shown in Figure 9, approximately 20 parking spaces would consist of concrete permeable pavers.

The bioretention areas would provide treatment of stormwater by allowing runoff to filter through layers of vegetated soil and gravel. Treated stormwater from the bioretention area in the northeast corner of the site would be captured by a perforated underdrain and discharged into the public storm drainage system within San Pedro Avenue. Treated stormwater from the bioretention area in the southwestern portion of the site would be discharged into the public storm drainage system within Monterey Road.

Figure 7
Landscaping Plan



MATERIALS SCHEDULE

DESCRIPTION	FINISH	COLOR	MANUFACTURER	CATALOG NO. / DIMENSIONS	NOTES
PAVING					
ASPHALT PAVING	-	-	-	S.C.D.	
CONCRETE PAVING AT SIDEWALK	MEDIUM BROOM	PLAIN GRAY	-	S.C.D.	-
GEOBLOCK TURF PAVING AT FIRE LANE	-	-	PRESTO/GEOSYSTEMS, 800.548.3424	GEOBLOCK S150 WITH 2" WALL HEIGHT, H-20 RATED	-
PERMEABLE CONCRETE PAVERS AT PARKING	-	GRAY	PACIFIC INTERLOCK PAVERS, INC. 831-637-9163	PERMEABLE HYDRO-FLO HOLLAND PAVER, 8" X 4" X 80MM HERRINGBONE PATTERN	-
PEDESTRIAN CONCRETE PAVING	MEDIUM SANDWASHED	MIAMI BUFF	DAVIS COLORS, 800-356-4848	#5447 MIAMI BUFF INTEGRAL COLOR ADMIXTURE	-
PEDESTRIAN CONCRETE UNIT PAVERS	-	VICTORIAN	BELGARD, 844-495-8210	CAMBRIDGE COBBLE, SQUARE 2-3/8" X 6" X 6" AND RECTANGULAR 2-3/8" X 6" X 9", PATTERN: 75% RECTANGLES, 25% SQUARES	-
CONCRETE PAVERS AT LABYRINTH AND BORDERING CURVED WALK	-	VICTORIAN	BELGARD, 844-495-8210	CAMBRIDGE COBBLE, SQUARE 2-3/8" X 6" X 6" AND CIRCLE PIECES CLOSER TO CENTER OF LABYRINTH (NOT IN CENTER)	
STABILIZED DECOMPOSED GRANITE PAVING	-	GOLD	TMT ENTERPRISES, 408-432-9040	WITH STABILIZER (GRANITECRETE)	-
GRAVEL MULCH	-	GRAY/WHITE	GRANITEROCK, 831-768-2380	WILSON 3/4" MINUS CRUSHED GRANITE DRAIN ROCK	-
METAL HEADER	BLACK ANODIZED	BLACK	PERMALOC, 800-356-9660	3/16" THICK X 4" HT. CLEANLINE EDGING (ANODIZED ALUMINUM)	-
SLATE CHIPS AT FOUNTAIN BASINS	-	MIDNIGHT BLACK	LYNGSO, 650-364-1730	SKU-MBTSC, MIDNIGHT BLACK SLATE TUMBLED CHIPS 1.5" - 7"	

MATERIALS SCHEDULE (CONT.)

DESCRIPTION	FINISH	COLOR	MANUFACTURER	CATALOG NO. / DIMENSIONS	NOTES
SITE IMPROVEMENTS					
OUTDOOR GRILL	STAINLESS STEEL	-	LYNXGRILL.COM	MODEL: L600 36" SEDONA BUILT-IN GRILL WITH 3 STAINLESS STEEL BURNERS	USE PROPANE TANKS
CABINET DOOR	STAINLESS STEEL	-	LYNXGRILL.COM	MODEL: LDR636 36" SEDONA DOUBLE DOORS	
OUTDOOR SINK	STAINLESS STEEL	-	LYNXGRILL.COM	MODEL: LSK24 24" SINK	TOP-MOUNT INSTALLATION
OUTDOOR FAUCET	STAINLESS STEEL	-	LYNXGRILLS.COM	MODEL: LFK SEDONA OUTDOOR GOOSENECK FAUCET	
TRELLIS	POWDERCOATED	BLACK	-	POWDERCOATED STEEL METAL, MEMBER SIZING T.B.D.	-
SHADE SAIL	-	T.B.D.	USA SHADE CONTACT: ERIK ANELINGER 800-966-5005	4-POINT HYPAR SAIL, 8' HT.	-
CONCRETE CURB WALL AT FOUNTAIN BASIN	LIGHT SANDWASHED	MIAMI BUFF	DAVIS COLORS, 800-356-4848	#5447 MIAMI BUFF INTEGRAL COLOR ADMIXTURE	-
3' HIGH FENCE	POWDERCOATED	BRONZE	AMERISTAR 888-333-3422	MONTAGE 3-RAIL PANELS, MAJESTIC STYLE, STANDARD BOTTOM, BALL CAP	-
PEDESTRIAN GATE	POWDERCOATED	BRONZE		MONTAGE 3-RAIL SINGLE ARCHED SWING GATE, MAJESTIC STYLE, STANDARD BOTTOM	-

MATERIALS SCHEDULE (CONT.)

DESCRIPTION	FINISH	COLOR	MANUFACTURER	CATALOG NO. / DIMENSIONS	NOTES
6' HIGH FENCE	TIGER DRYLAC SATIN	STATUARY BRONZE	BOK MODERN 415-749-6500	MODULAR FENCE, ALUMINUM PANEL, NO POST FENCE, PATTERN T.B.D.	-
VEHICULAR GATE	POWDERCOATED	BRONZE	SAMPSON SECURITY 949-233-5350	SPEEDGATE B-TRACKLESS	-
FURNISHINGS					
BENCH	UNFINISHED	TEAK	LANDSCAPE FORMS CONTACT: REBECCA CASEY 269-337-1313	73-1/2" WELLSPRING BENCH WITH 19" HT. SEAT (NO CENTER ARM RESTS)	SURFACE MOUNT
CHAIR	UNFINISHED	TEAK	COUNTRY CASUAL: 800-289-8325	CALYPSO STACKING ARM CHAIR	FREESTANDING
ADA COMPLIANT 40" SQ. TABLE	UNFINISHED	TEAK	COUNTRY CASUAL: 800-289-8325	40" SQ. ADA COMPLIANT CALYPSO TABLE	FREESTANDING
PLANTER POT	GLAZED CERAMIC	T.B.D.	FLORA GRUBB GARDENS, 415-626-7256	22.5" X 18" EGG POT PVS15	-
VASE FOUNTAIN	GLAZED CERAMIC	T.B.D.	BLUE THUMB, 888-619-3474	26" W. X 31.5" HT. SIENNA FOUNTAIN KIT - FNT40413	-

Figure 8
Preliminary Utility Plan

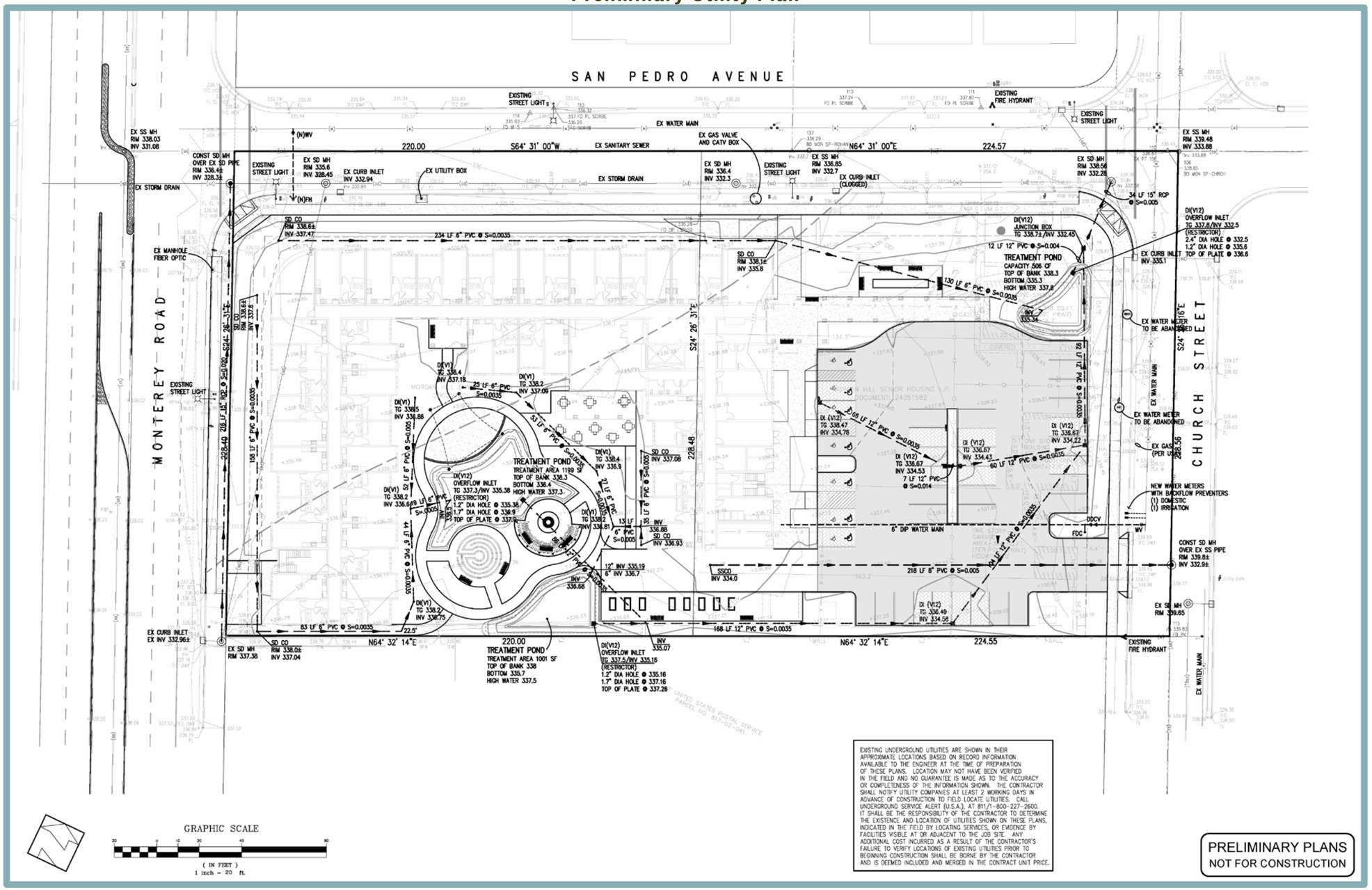
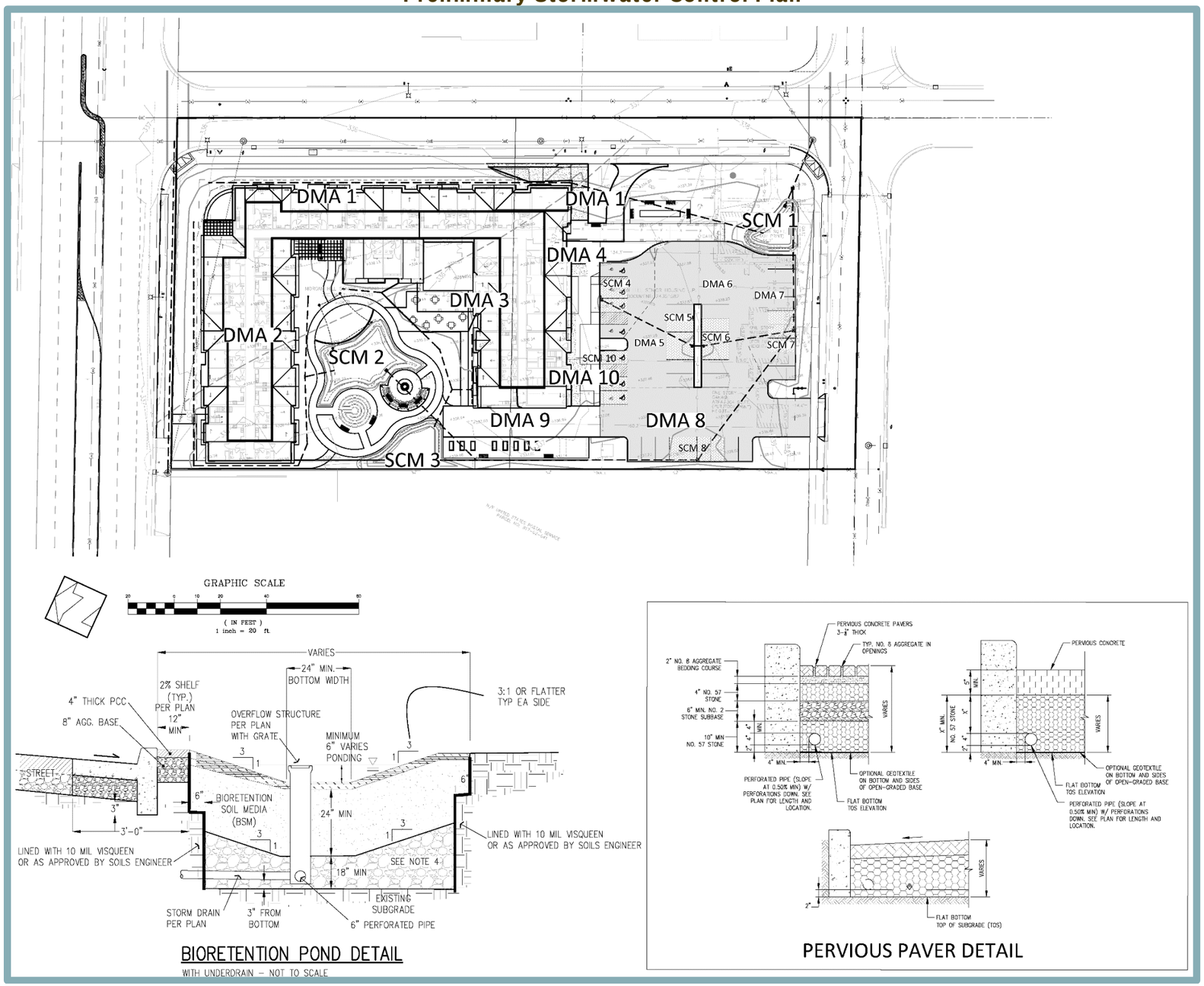


Figure 9
Preliminary Stormwater Control Plan



Off-Site Improvements

As part of the proposed project, two new pedestrian crosswalks would be provided across San Pedro Avenue at the Monterey Road and Church Street intersections northwest and northeast of the site, respectively (see Figure 3). In addition, the proposed project would include the addition of bike lane markings to the existing buffered bike lane, located west of the project site along Monterey Road. Furthermore, the proposed project would include installation of a new raised, landscaped median along Monterey Road and modifying/closing the left-turn pocket at Monterey Road and San Pedro Avenue.

Requested/Required Approvals

The proposed project would require the City's approval of the following:

- Design Review Permit.
    - Pursuant to Section 18.108.040 of the City's Municipal Code, the proposed project would be subject to Design Review by the City. The site plan would be analyzed based on standards set forth in Section 18.108.040(H). Specifically, the site plan would be analyzed based on elements of design, development location, arrangement of all structures, and design in harmony with surrounding facilities. The purpose of the Design Review is to allow the City to review all new development, signs, buildings, structures, and other facilities in order to further enhance the City's appearance, and the livability and usefulness of properties.
- Demolition Permit to allow the removal of the existing on-site structures.

As previously discussed, the required Density Bonus, with four concessions, was approved by City Council on June 17, 2020.

In addition, the project site is located in the MU-F Zoning District within Block 9 of the Monterey Road Corridor for which a block level master plan (BLMP) is generally required for all projects wanting to develop within the block. Furthermore, a Conditional Use Permit is required for a residential-only project within the MU-F zone. California Senate Bill 330 (SB 330) established the "Housing Crisis Act of 2019", effective January 1, 2020, making changes to the local approval process until January 1, 2025. The project, as proposed, is consistent with the General Plan and meets the base zoning standards; therefore, although a BLMP and a Conditional Use Permit for the site are required by the Morgan Hill Zoning Code, SB 330 supersedes these requirements.

G. SUMMARY

The following section contains a summary showing that the proposed project can be considered exempt from CEQA and is not subject to any of the exceptions set forth in Section 15300.2 of the CEQA Guidelines. As demonstrated throughout this Initial Study, the proposed project qualifies for exemption under CEQA Guidelines Section 15332, Class 32.

In-Fill Development Project Exemption

Article 19 of the CEQA Guidelines, Sections 15300 through 15333, includes a list of classes of projects that have been determined to not have a significant effect on the environment, and are therefore exempt from CEQA. Section 15332 of the CEQA Guidelines provides a categorical exemption for infill development projects that meet the following criteria:

(a) The project is consistent with the applicable general plan designation and all applicable general plan polices as well as with applicable zoning designation and regulations.

(b) The proposed development occurs within the city limits on a project site of no more than five acres substantially surrounded by urban uses.
(c) The project site has no value as habitat for endangered, rare or threatened species.
(d) Approval of the project would not result in any significant effects relating to traffic, noise, air quality, or water quality.
(e) The site can be adequately served by all required utilities and public services.

The applicability of the above criteria to the proposed project is summarized in the following sections.

Criterion 15332(a): General Plan and Zoning Consistency

The below discussion demonstrates the project's consistency with the General Plan designation and applicable general plan policies, as well as the zoning designation and regulations.

The City's General Plan designates the site MU-F and the site is zoned MU-F. The MU-F land use designation is intended for a mix of residential, commercial, and office uses. The proposed residential project is consistent with the site's MU-F General Plan land use designation. With respect to zoning regulations, the proposed residential use is conditionally permitted within the MU-F zone.[4] While certain zoning standards for the MU-F zone would not be met by the project (height, parking, open space, and floor-area-ratio), this is allowable through State density bonus law, through which concessions to zoning standards must be granted by the local agency if the project meets certain affordability criteria.

In accordance with Government Code Section 65915, the City shall grant one density bonus to any project that requests a density bonus and qualifies under the state program. Morgan Hill Municipal Code Section 18.48.040 (Density Bonuses), requires the City Council approve an increase in the number of dwelling units permitted in a project when the density bonus is consistent with the number and degree of affordable units as specified in Government Code Section 65915. The proposed project is 100 percent affordable and qualifies for the 80 percent density bonus.

Government Code Section 65915(d)(2)(D) requires the City to grant four incentives or concessions for projects that are 100 percent affordable for lower income houses (excluding managers unit), except that up to 20 percent of the total units in the development may be for moderate-income households. Concessions are considered waivers or reductions in development standards, such as height limitation, setback requirement, a floor area ratio (FAR), on-site open space requirement or a parking ratio. This project is entitled to four concessions or incentives. The City must grant the concessions unless the City makes certain written findings based on substantial evidence. City staff determined that the findings could not be made, and on June 17, 2020, the Morgan Hill City Council approved the requested Density Bonus and four concessions.

Furthermore, the proposed project would comply with applicable General Plan policies and zoning regulations adopted for the purpose of avoiding and/or mitigating adverse environmental effects. For example, the General Plan includes noise-related policies with which the project is consistent, such as Policy SSI-8.5, as discussed in in Section XIII, Noise, of this Initial Study. In addition, Section 18.76.090 (Noise) of the City's Municipal Code contains maximum noise levels for non-transportation noise sources, with which the project would not exceed. Furthermore, Section

[4] As previously noted, the project, as proposed, is consistent with the General Plan and meets the base zoning standards; therefore, although a BLMP and a Conditional Use Permit for the site are required by the Morgan Hill Zoning Code, SB 330 supersedes these requirements.

18.76.060 (Glare) of the Morgan Hill Municipal Code includes such requirements as cut-off lenses to direct light downward and minimum lighting standards for walkways to ensure safe nighttime conditions. The proposed project would be required to adhere to the applicable policies and standards listed in the City's General Plan and Municipal Code.

General Plan Policy TR-3.4 sets forth the level of service (LOS) standards for the City of Morgan Hill intersections. While Section 15064.3 of the CEQA Guidelines provides that analysis of vehicle miles travelled (VMT) attributable to a project is the most appropriate measure of transportation impacts (see Section XVII of the following checklist for analysis of VMT), the project must still comply with applicable General Plan policies such as the LOS standards set forth by Policy TR-3.4. A Trip Generation and Operations Analysis was prepared for the proposed project by Hexagon Transportation Consultants, Inc., which included evaluation of the LOS at two adjacent intersections under existing and 2025 cumulative traffic conditions both with and without project traffic.[5] The LOS standard for City of Morgan Hill intersections is LOS D, with limited exceptions that do not apply to the two study intersections.

The two study intersections include Monterey Road and San Pedro Avenue and San Pedro Avenue and Church Street. According to the Trip Generation and Operations Analysis, the intersection of Monterey Road and San Pedro Avenue operates at LOS F during the PM peak hour under Existing (No Project) Conditions, as well as during the AM and PM peak hours under the Year 2025 Cumulative No Project Conditions. The substandard LOS is due to long delays experienced by San Pedro Avenue traffic that is caused by heavy Monterey Road traffic and limited gaps. As previously discussed, the proposed project would include the construction of a median island along Monterey Road that would restrict San Pedro Avenue to eastbound right-turn and westbound right-turn movements only. With construction of the median, the intersection of Monterey Road and San Pedro Avenue would operate at an acceptable LOS. Additionally, according to the Trip Generation and Operations Analysis, the intersection of Church Street and San Pedro Avenue would operate at LOS A during the AM and PM peak hours under both Existing Plus Project Conditions and Year 2025 Cumulative with Project Conditions. Therefore, the addition of project traffic would not result in the degradation of the study intersection's LOS during the AM and PM peak hours, and, thus, the proposed project would not conflict with General Plan Policy TR-3.4.

Criterion 15332(b): Project Location, Size, and Context

The project site consists of 1.89 acres, located within the Morgan Hill city limits. The site is located near existing residential and commercial development to the north, east, and south, and is surrounded by existing development. Thus, the proposed project meets Criterion 15332(b).

Criterion 15332(c): Endangered, Rare, or Threatened Species

Currently, the site is partially developed with three existing structures, with the remaining (western) portion being comprised of dirt and ruderal grasses. Seven trees exist within the project site, including within the eastern portion of the site and along the site perimeter. As discussed in Section IV, Biological Resources, of this Initial Study, the project site is located within the boundaries of the Santa Clara Valley Habitat Plan (SCVHP) permit area. The SCVHP designates the project site as an Urban-Suburban developed land cover type. Typically, species covered by the SCVHP are unlikely to occur within Urban-Suburban areas. Pursuant to the Santa Clara Valley Habitat Agency Geobrowser program, the project site is not located within a designated Plant or

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[5] Hexagon Transportation Consultants, Inc. *Subject: Trip Generation and Operations Analysis for the Proposed 16685 Church Street Senior Housing Project in Morgan Hill, California.* July 2, 2020.

Wildlife Survey Area for any covered species. The project applicant would be subject to payment of all applicable development fees according to the SCVHP. Generally, due to the highly disturbed nature of the area surrounding the project site, as well as the existing development that has occurred within the project site, the project site does not provide habitat value for endangered, rare or threatened species. Thus, the proposed project meets Criterion 15332(c).

Criterion 15332(d): Traffic, Noise, Air Quality, and Water Quality

The following sections present a summary of the Initial Study analysis regarding potential effects related to traffic, noise, air quality, and water quality resulting from implementation of the proposed project. As demonstrated below, the proposed project meets Criterion 15332(d).

Traffic

As discussed in Section XVII, Transportation, of this Initial Study, the *Technical Advisory on Evaluating Transportation Impacts in CEQA* published by the Governor's Office of Planning and Research (OPR) in December 2018 provides recommendations regarding VMT evaluation methodology, significance thresholds, and screening thresholds for land use projects. Specifically, OPR recommends that 100 percent affordable residential development in infill locations be presumed to have a less-than-significant impact on VMT. In addition, OPR recommends that projects (including office, residential, retail, and mixed-use developments) proposed within 0.5-mile of an existing major transit stop or within 0.25-mile of an existing stop along a high-quality transit corridor may be presumed to have a less-than-significant impact. Because the proposed project would be 100 percent affordable residential, development of the project is presumed to result in a less-than-significant increase in VMT.

In addition, the proposed project is consistent with the project site's existing General Plan land use and zoning designations. Therefore, vehicle trip generation associated with the project site and associated effects on local transportation facilities have been anticipated by the City and accounted for in regional planning efforts.

Noise

As discussed in Section XIII, Noise, of this Initial Study, operations associated with the proposed project would generate noise associated with vehicle traffic on local roadways and non-transportation sources such as landscaping maintenance and heating ventilation and air conditioning (HVAC) equipment. Pursuant to General Plan Policy SSI-8.5, noise level increases resulting from traffic associated with new projects are considered significant if: a) the noise level increase is 5 dBA L_{dn} or greater, with a future noise level of less than 60 dB L_{dn}; or b) the noise level increase is 3 dB L_{dn} or greater, with a future noise level of 60 dB L_{dn} or greater. Table 4.11-7 of the General Plan EIR shows an increase in noise levels of 1.3 dB by 2035 along San Pedro Avenue, between Monterey Road and Church Street, with existing and future traffic noise levels projected to be less than 60 dB. The table also shows an increase in noise levels along Monterey Road, between San Pedro Avenue and Barrett Avenue, by 0.8 dB, with existing and future projected traffic noise levels exceeding 65 dB. The vehicle trips generated by the proposed project would be included in the estimate of buildout of the General Plan. Considering the anticipated increase in transportation noise on adjacent roadways would not exceed the City's standards set forth in Policy SSI-8.5, traffic noise increases attributable to the project would be less than significant.

Non-transportation noise-generating operations associated with the proposed project would primarily consist of landscaping maintenance and heating, ventilation, and air conditioning (HVAC) systems, typical of other existing residential development in the project vicinity. In

general, residential uses do not include substantial noise-generating uses. Assuming the project HVAC systems and maintenance equipment would be in normal working order, stationary noise sources associated with the proposed project would not substantially increase noise levels from what currently exists in the project area.

During construction, the project would result in short-term noise level increases in the project vicinity. However, the Morgan Hill Municipal Code does not specify any short-term construction noise level limits. Construction activities would occur during normal daytime hours. Chapter 8.28 of the Morgan Hill Municipal Code prohibits construction activities between 8:00 PM and 7:00 AM, Monday through Friday, and between 6:00 PM and 9:00 AM on Saturdays. Given the restrictions on construction hours and the City's standard conditions of approval requiring the use of best available technology by construction contractors to minimize excessive noise from construction equipment, the project would not result in a substantial temporary increase in noise generation during construction activities.

Air Quality

A detailed discussion of applicable thresholds of significance and estimated construction and operational emissions is present in Section III, Air Quality, of this Initial Study. As discussed in Section III, the proposed project would result in maximum construction and operational criteria air pollutant emissions that are well below the applicable thresholds. Because the proposed project would result in emissions below the applicable thresholds of significance, the proposed project would not be expected to result in a cumulatively considerable contribution to the region's existing air quality conditions.

Therefore, the proposed project is not anticipated to result in short-term construction-related or long-term operational emissions of air quality pollutants that would be considered to have the potential to result in significant effects on the environment.

Water Quality

Issues related to stormwater infrastructure are discussed in Section X, Hydrology and Water Quality, of this Initial Study. As noted therein, the proposed project would not significantly increase stormwater flows into the City's existing system. Stormwater from the project site would flow through various on-site DMAs. The project site would be divided into nine DMAs with different stormwater treatment measures. The site DMAs would drain to eight Stormwater Control Measure (SCM) facilities, which would be sized to store and infiltrate the 95th percentile, 24-hour storm event pursuant to applicable state regulations. The final drainage system design for the project will be subject to review and approval by the City of Morgan Hill City Engineer to confirm that the proposed drainage system for the project is consistent with the City's Storm Drainage Master Plan and standard stormwater-related conditions of approval. Therefore, the proposed project would not result in any significant effects related to water quality.

Criterion 15332(e): Utilities and Public Services

Water and sewer service for the proposed development would be provided by the City through new connections to existing infrastructure within Church Street and San Pedro Avenue, respectively. Given the presence of existing utilities in the immediate project vicinity, the proposed project would not require substantial off-site utility improvements. In addition, as discussed in Section XV, Public Services, and Section XIX, Utilities and Service Systems, of this Initial Study, the project would not exceed the capacity of public service or utility infrastructure. Thus, the site would be adequately served by all required utilities and public services.

Exceptions to Categorical Exemptions Analysis

Even if a project is ordinarily exempt under any of the potential categorical exemptions, CEQA Guidelines Section 15300.2 provides specific instances where exceptions to otherwise applicable exemptions apply. Exceptions to a categorical exemption apply in the following circumstances:

(a) Location. Classes 3, 4, 5, 6, and 11 are qualified by consideration of where the project is to be located – a project that is ordinarily insignificant in its impact on the environment may in a particularly sensitive environment be significant. Therefore, these classes are considered to apply all instances, except where the project may impact on an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies.
(b) Cumulative Impact. All exemptions for these classes are inapplicable when the cumulative impact of successive projects of the same type in the same place, over time is significant.
(c) Significant Effect. A categorical exemption shall not be used for an activity where there is a reasonable possibility that the activity will have a significant effect on the environment due to unusual circumstances.
(d) Scenic Highways. A categorical exemption shall not be used for a project which may result in damage to scenic resources, including but not limited to, trees, historic buildings, rock outcroppings, or similar resources, within a highway officially designated as a state scenic highway. This does not apply to improvements which are required as mitigation by an adopted negative declaration or certified EIR.
(e) Hazardous Waste Sites. A categorical exemption shall not be used for a project located on a site which is included on any list compiled pursuant to Section 65962.5 of the Government Code.
(f) Historical Resources. A categorical exemption shall not be used for a project which may cause a substantial adverse change in the significance of a historical resource.

The following analysis addresses whether any of the exceptions to the CEQA exemption apply to the proposed project.

Criterion 15300.2(a): Location

CEQA exemptions 3, 4, 5, 6, or 11, are qualified by consideration of where the project is to be located. The project site is located within an urban developed area and is not located within a sensitive environment. Furthermore, as discussed under Criterion 15300.2(e), the project site is not located near environmental resources of hazardous or critical concern. Therefore, an exception to the exemption under CEQA Guidelines Section 15300.2(a) does not apply to the proposed project.

Criterion 15300.2(b): Cumulative Impact

Pursuant to CEQA Section 15300.2(b), in applying this exception, the cumulative impact must result from "successive projects of the same type in the same place." Both the "same type" and "same place" limitations restrict the scope of this exception.[6] The project site is located near existing residential uses to the north, existing commercial uses to the east and south, and Monterey Road to the west. Similar projects are proposed in the vicinity of the project site, though they are relatively small in scope. In addition, typical cumulative impact concerns are related to increased traffic and noise. Significant transportation impacts under CEQA, as of July 1, 2020, are now determined based on vehicle miles traveled.

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[6] Stephen L. Kostka and Michael H. Zischke. *Practice Under the California Environmental Quality Act, Second Edition* [pg. 5-68]. March 2019 Update.

The OPR Technical Advisory on Evaluating Transportation Impacts in CEQA indicates that VMT efficiency metrics, such as VMT per service population, are not appropriate for CEQA cumulative analysis. Instead, the Technical Advisory recommends that an impact finding from an efficiency-based project-specific VMT analysis (i.e., Existing Plus Project conditions) would imply an identical impact finding for a cumulative VMT analysis. An example provided by OPR explains that a project that falls below an efficiency-based threshold that is aligned with long-term environmental goals and relevant plans would have no cumulative impact distinct from the project impact. A similar conclusion can reasonably be made for the screening thresholds identified by OPR's Technical Advisory. In other words, a project that is determined to have a less-than-significant impact to VMT based on screening thresholds, as is the case for the current project, can also be determined not to have a cumulatively considerable contribution to cumulative VMT.

As previously discussed, the project's relatively small increase in traffic, combined with traffic from General Plan buildout, would not be anticipated to generate a significant traffic noise increase triggering the City's applicable thresholds.

Thus, an exception to the exemption under CEQA Guidelines Section 15300.2(b) does not apply to the proposed project.

Criterion 15300.2(c): Significant Effect

In listing a class of projects as exempt, the Secretary has determined that the environmental changes typically associated with projects in that class are not significant effects within the meaning of CEQA, even though an argument might be made that they are potentially significant. The plain language of *Guidelines Section 15300.2, subdivision (c)*, requires that a potentially significant effect must be "due to unusual circumstances" for the exception to apply.

The determination as to whether there are "unusual circumstances" (*Guidelines, § 15300.2, subd. (c)*) is reviewed under PRC *Section 21168.5*'s substantial evidence prong. Whether a particular project presents circumstances that are unusual for projects in an exempt class is an essentially factual inquiry. As to this question, the lead agency serves as "the finder of fact".

Unusual circumstances are not defined by the Guidelines, but potential site characteristics could include sensitive habitats or contamination. The project site does not include any sensitive aquatic features and is not included on any lists of hazardous waste sites. According to the Phase 1 Environmental Site Assessment prepared for the project site, recognized environmental conditions were not identified on-site.

The project site is located within a FEMA Zone AE flood hazard area, attributed to nearby West Little Llagas Creek. The Zone AE is defined by FEMA as areas subject to inundation by the one-percent-annual-chance flood event determined by detailed methods. The presence of the flood hazard area will not result in a significant impact to the environment (persons or structures) as demonstrated in the following discussion. First, the proposed project would be designed to construct the first-floor elevation to be at least one foot higher than the water surface elevations (WSEL) of the 100-year floodplain, thus ensuring no harm to future on-site residents or structures. Secondly, with respect to off-site effects, a FEMA Hydraulic Impact Study (Hydraulic Study) was prepared for the proposed project by Schaaf & Wheeler Consulting Civil Engineers (Schaaf & Wheeler),[7] to evaluate the potential impacts to the FEMA 100-year WSEL. According to the Hydraulic Study, the proposed project would result in an increase of less than 0.1 foot in the 100-

[7] Schaaf & Wheeler Consulting Civil Engineers. *Subject: Morgan Hill Senior Housing Project Hydraulic Impact Study.* September 18, 2019.

year WSEL on West Little Llagas Creek. According to the City of Morgan Hill Municipal Code, Chapter 15.80, Flood Damage Prevention, the City allows a cumulative increase of up to one-foot of WSEL for proposed and existing developments. Therefore, the proposed project would not increase the WSEL in excess of the City's standards.

Thus, an exception to the exemption under CEQA Guidelines Section 15300.2(c) does not apply to the proposed project.

Criterion 15300.2(d): Scenic Highway

According to the California Department of Transportation (Caltrans) Scenic Highway Mapping System, officially designated State or County scenic highways do not occur in the project vicinity.[8] Thus, an exception to the exemption under CEQA Guidelines Section 15300.2(d) does not apply to the proposed project.

Criterion 15300.2(e): Hazardous Waste Sites

The California Environmental Protection Agency provides a list of data resources that provide information regarding the facilities or sites identified as meeting the "Cortese List" requirements, pursuant to Government Code 65962.5. Pursuant to a Phase I ESA prepared for the proposed project by AEI Consultants. (see Appendix E), the project site is not located on any list compiled pursuant to Section 65962.5 of the Government Code. Thus, an exception to the exemption under CEQA Guidelines Section 15300.2(e) does not apply to the proposed project.

Criterion 15300.2(f): Historical Resources

As discussed under Section V, Cultural Resources, of this Initial Study, the project site contains a heavily modified Craftsman style, single-story wood-frame residence that was constructed in the mid to late 1920's with a garage that appears to have been built in the late 1940's or early 1950's. Immediately north is another building that appears to have a California Ranch style of architecture. Based on historic photographs, the building appears to have been constructed in the early to mid-1970's and is less than 50 years old.

After reviewing historic documents, maps, and census data, the Historic Resource Analysis study prepared for the project determined that the properties do not appear to have been associated with an event or events of significance in the history of Morgan Hill or Santa Clara County. Similarly, neither structure appears to have been owned by a person or persons of significance in the history of Morgan Hill or Santa Clara County. Furthermore, none of the existing structures have important information or scientific value. Therefore, the existing structures are not considered eligible for listing under the NRHP and CRHR. The proposed project would not result in a substantial adverse change in the significance of a historical resource, and an exception to the exemption under CEQA Guidelines Section 15300.2(f) does not apply to the proposed project.

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8 California Department of Transportation. *Scenic Highways.* Available at: https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways. Accessed July 2020.

H. ENVIRONMENTAL CHECKLIST

The following checklist contains the environmental checklist form presented in Appendix G of the CEQA Guidelines. The checklist form is used to describe the impacts of the proposed project. A discussion follows each environmental issue identified in the checklist. For this checklist, the following designations are used:

Potentially Significant Impact: An impact that could be significant, and for which no mitigation has been identified. If any potentially significant impacts are identified, an EIR must be prepared.

Less Than Significant with Mitigation Incorporated: An impact that requires mitigation to reduce the impact to a less-than-significant level.

Less-Than-Significant Impact: Any impact that would not be considered significant under CEQA relative to existing standards.

No Impact: The project would not have any impact.

I. AESTHETICS. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Have a substantial adverse effect on a scenic vista?	☐	☐	☐	✖
b. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a State scenic highway?	☐	☐	☐	✖
c. In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☐	✖
d. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☐	☐	✖

Discussion

a,c. Examples of typical scenic vistas include mountain ranges, ridgelines, or bodies of water as viewed from a highway, public space, or other area designated for the express purpose of viewing and sightseeing. In general, a project's impact to a scenic vista would occur if development of the project would substantially change or remove a scenic vista. The City's General Plan does not designate official scenic view corridors or vistas. However, according to the General Plan, the hillsides that surround the City to the east and west are considered scenic. The project site is surrounded by existing development and is not located on a hillside or in the vicinity of a hillside. While distant views of the hills to the east of the City are visible to motorists, bicyclists, and pedestrians travelling along Monterey Road, Monterey Road is not considered a scenic vista route.[9] In addition, such views are partially obscured through the site by existing on-site trees.

Currently, the eastern portion of project site includes one single-family structure with a detached garage and an existing building formerly used for commercial/retail purposes. The central and western portions of the site are currently vacant and primarily consist of ruderal grasses and dirt. Surrounding land uses include a U.S. Post Office to the south; Monterey Road and undeveloped land to the west; Church Street and light industrial businesses to the east; and San Pedro Avenue, new single-family residences, and commercial businesses to the north. Currently, the project site has low visual quality and character. Therefore, the proposed project would not substantially degrade the existing visual character or quality of the site or its surroundings.

[9] It is important to distinguish between public and private views. Private views are views seen from privately-owned land and are typically viewed by individual viewers, including views from private residences. Public views are experienced by the collective public. These include views of significant landscape features and along scenic roads. California Environmental Quality Act (CEQA) (Pub. Resources Code, § 21000 et seq.) case law has established that only public views, not private views, are protected under CEQA. For example, in *Association for Protection etc. Values v. City of Ukiah* (1991) 2 Cal.App.4th 720 [3 Cal. Rptr.2d 488] the court determined that "we must differentiate between adverse impacts upon particular persons and adverse impacts upon the environment of persons in general. As recognized by the court in *Topanga Beach Renters Assn. v. Department of General Services* (1976) 58 Cal.App.3d 188 [129 Cal.Rptr. 739]: '[A]ll government activity has some direct or indirect adverse effect on some persons. The issue is not whether [the project] will adversely affect particular persons but whether [the project] will adversely affect the environment of persons in general.'" Therefore, it is appropriate to focus the aesthetic impact analysis on potential impacts to public views.

The proposed project is subject to Design Review in accordance with Morgan Hill Municipal Code Section 18.108.040, which would ensure that the project is consistent with the Residential Development Design and Development Standards (adopted December 2019). The standards augment the standards in the City's Municipal Code and provide qualitative direction to meet the City's goal for high quality design of residential projects.

Pursuant to Section 18.22.040 of the City's Municipal Code, a building within the MU-F zone may not exceed a height of 35 feet. The proposed height of the residential building would be a maximum of approximately 41 feet. Although the proposed project would exceed the allowable building height, the City of Morgan Hill approved a number of concessions as part of the Density Bonus. Specifically, one of the approved concessions allows the proposed project to exceed the allowable building height by approximately six feet. However, consistent with General Plan policies, the proposed project would use quality materials and quality architectural design elements for all building facades (policies CNF-8.4 and CNF-8.5), minimize mass and scale by including visual breaks in the building (CNF-11.22), and include abundant landscaping with trees to soften the scale differences (CNF-8.2, CNF-11.20). It is also noteworthy that the new residential units north of the project site are two-story units. Thus, the project serves as an appropriate transition in height from two- to three-stories.

Based on the above, the proposed project would not have a substantial adverse effect on a scenic vista or conflict with applicable zoning and other regulations governing scenic quality. Thus, ***no impact*** would occur.

b. According to the California Department of Transportation (Caltrans) map of Santa Clara County prepared for the Scenic Highway Mapping System, officially designated State or County scenic highways do not occur in the project vicinity. Because the project site is not located in the vicinity of any State scenic highway, the proposed project would not damage any scenic resources within a State scenic highway. Therefore, ***no impact*** related to damaging scenic resources within a State scenic highway would occur.

d. As noted above, the project site is currently developed with three existing structures. The project site is predominantly surrounded by existing development, and streetlights are provided along Monterey Road, San Pedro Avenue, and Church Street. Thus, the project site and vicinity already contain existing sources of light and glare, including, but not limited to, headlights on cars traveling along the adjacent roadways, exterior light fixtures, light reflecting off windows, and interior light spilling through windows.

Demolition of the existing on-site structures and development of the proposed project would increase the total amount of developed area within the site. The proposed project would include an illuminated parking area, as well as exterior lighting fixtures on the proposed building. Thus, the proposed project would involve an increase in sources of light and glare. As shown in Figure 10, the majority of exterior lighting would be the fixtures associated with the proposed parking area and drive aisles. However, such sources of light and glare would not be substantially more intensive than what currently occurs in the vicinity of the project site.

The maximum level of light intensity within the project site would be approximately 6.3 footcandles and the average level of intensity would be approximately 2.8 footcandles. Consistent with Section 18.72.060.G of the City's Municipal Code, parking lots should be illuminated with a minimum of one footcandles of lighting.

Figure 10
Lighting Plan

In addition, Section 18.72.060.G requires that any glare or light spillage be directed away from residential properties. As shown in the figure, light would partially spill over the site boundary to the south; however, the area to the south is developed with a parking lot associated with the U.S. Post Office. Furthermore, the proposed project would not result in light spillage at the northern, eastern, or western site boundary. Therefore, the proposed project would not result in light spillage onto any residential properties or other light-sensitive uses.

New sources of lighting included in the proposed project would be required to comply with the Residential Development Design and Development Standards, as well as Section 18.76.060 (Glare) of the Morgan Hill Municipal Code, which include such requirements as cut-off lenses to direct light downward and minimum lighting standards for walkways to ensure safe nighttime conditions. Compliance with these requirements would help to ensure that the light and glare created by the proposed project would be consistent with the levels of light and glare currently emitted in the surrounding developed environment. Therefore, the proposed project would not introduce new sources of substantial light or glare to the site which would adversely affect day or nighttime views in the area, and ***no impact*** would occur.

II. AGRICULTURE AND FOREST RESOURCES. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	✖
b. Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	✖
c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	✖
d. Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	✖
e. Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	✖

Discussion

a,e. The project site is currently designated as "Urban and Built-Up Land" on the Santa Clara County Important Farmland map.[10] Given the designation of the site as Urban and Built-Up Land, development of the proposed project would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to a non-agricultural use, or otherwise result in the loss of Farmland to non-agricultural use. Therefore, ***no impact*** would occur as a result of the proposed project.

b. The project site is not zoned or designated for agricultural purposes and is not under a Williamson Act contract. Therefore, buildout of the proposed project would not conflict with existing zoning for agricultural use or a Williamson Act contract, and ***no impact*** would occur.

c,d. The project site is not considered forest land (as defined in Public Resources Code Section 12220[g]), timberland (as defined by Public Resources Code Section 4526), and is not zoned Timberland Production (as defined by Government Code Section 51104[g]). Therefore, the proposed project would have ***no impact*** with regard to conversion of forest land or any potential conflict with forest land, timberland, or Timberland Production zoning.

[10] California Department of Conservation. *Santa Clara County Important Farmland Map 2016.* September 2018.

III. AIR QUALITY. *Would the project:*	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☐	✖
b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☐	☐	☐	✖
c. Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☐	✖
d. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☐	✖

Discussion

a,b. The City of Morgan Hill is located in the San Francisco Bay Area Air Basin (SFBAAB), which is under the jurisdiction of the Bay Area Air Quality Management District (BAAQMD). The SFBAAB area is currently designated as a nonattainment area for State and federal ozone, State and federal fine particulate matter 2.5 microns in diameter ($PM_{2.5}$), and State respirable particulate matter 10 microns in diameter (PM_{10}) ambient air quality standards (AAQS). The SFBAAB is designated attainment or unclassified for all other AAQS. It should be noted that on January 9, 2013, the U.S. Environmental Protection Agency (USEPA) issued a final rule to determine that the Bay Area has attained the 24-hour $PM_{2.5}$ federal AAQS. Nonetheless, the Bay Area must continue to be designated as nonattainment for the federal $PM_{2.5}$ AAQS until such time as the BAAQMD submits a redesignation request and a maintenance plan to the USEPA, and the USEPA approves the proposed redesignation. The USEPA has not yet approved a request for redesignation of the SFBAAB; therefore, the SFBAAB remains in nonattainment for 24-hour $PM_{2.5}$.

In compliance with regulations, due to the nonattainment designations of the area, the BAAQMD periodically prepares and updates air quality plans that provide emission reduction strategies to achieve attainment of the AAQS, including control strategies to reduce air pollutant emissions through regulations, incentive programs, public education, and partnerships with other agencies. The current air quality plans are prepared in cooperation with the Metropolitan Transportation Commission (MTC) and the Association of Bay Area Governments (ABAG).

The most recent federal ozone plan is the 2001 Ozone Attainment Plan, which was adopted on October 24, 2001 and approved by the California Air Resources Board (CARB) on November 1, 2001. The plan was submitted to the USEPA on November 30, 2001 for review and approval. The most recent State ozone plan is the 2017 Clean Air Plan, adopted on April 19, 2017. The 2017 Clean Air Plan was developed as a multi-pollutant plan that provides an integrated control strategy to reduce ozone, PM, toxic air contaminants (TACs), and greenhouse gases (GHGs). Although a plan for achieving the State PM_{10} standard is not required, the BAAQMD has prioritized measures to reduce PM in developing the control strategy for the 2017 Clean Air Plan. The control strategy serves as the backbone of the BAAQMD's current PM control program.

The aforementioned air quality plans contain mobile source controls, stationary source controls, and transportation control measures to be implemented in the region to attain the State and federal AAQS within the SFBAAB. Adopted BAAQMD rules and regulations, as well as the thresholds of significance, have been developed with the intent to ensure

continued attainment of AAQS, or to work towards attainment of AAQS for which the area is currently designated nonattainment, consistent with applicable air quality plans. For development projects, BAAQMD establishes significance thresholds for emissions of the ozone precursors reactive organic gases (ROG) and oxides of nitrogen (NO_X), as well as for PM_{10}, and $PM_{2.5}$, expressed in pounds per day (lbs/day) and tons per year (tons/yr). The thresholds are listed in Table 1. Thus, by exceeding the BAAQMD's mass emission thresholds for operational emissions of ROG, NO_X, PM_{10}, or $PM_{2.5}$, a project would be considered to conflict with or obstruct implementation of the BAAQMD's air quality planning efforts.

Table 1
BAAQMD Thresholds of Significance

Pollutant	Construction	Operational	
	Average Daily Emissions (lbs/day)	Average Daily Emissions (lbs/day)	Maximum Annual Emissions (tons/year)
ROG	54	54	10
NO_X	54	54	10
PM_{10} (exhaust)	82	82	15
$PM_{2.5}$ (exhaust)	54	54	10

Source: BAAQMD, CEQA Guidelines, May 2017.

The proposed project's construction and operational emissions were quantified using the California Emissions Estimator Model (CalEEMod) software version 2016.3.2 - a Statewide model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify air quality emissions, including GHG emissions, from land use projects. The model applies inherent default values for various land uses, including construction data, vehicle mix, trip length, average speed, etc. Where project-specific information is available, such information is applied in the model. The proposed project's modeling assumed the following:

- Construction would commence in March of 2021 and occur over an approximately ten-month period;
- The proposed land uses include:
  - 82 dwelling units, totaling 69,239 square feet on 1.56 acres; and
  - 37 parking spaces on 0.33-acre.
- The project would include demolition of the existing on-site structures (approximately 2,000 square feet);
- Approximately 50 cubic yards of material would be exported during site preparation;
- Approximately 4,435 cubic yards of material would be imported and 446 cubic yards of material would be exported during grading;
- Approximately 2.33 acres would be disturbed during construction activities;
- During operations, the project is anticipated to generate approximately 3.44 daily vehicle trips per unit;
- The project would include installation of solar panels with a combined output of approximately 198,799 kWh;
- The nearest transit stop is approximately 0.25-mile from the project site;
- The project would improve connectivity of the local pedestrian network; and
- The project would comply with all applicable provisions of the 2019 California Building Standards Code (CBSC), including installation of low-flow indoor water

fixtures and meeting 100 percent of electricity demand through on-site renewable energy generation.

The proposed project's estimated emissions associated with construction and operations and the project's contribution to cumulative air quality conditions are provided below. All CalEEMod results are included as Appendix A to this Initial Study.

Construction Emissions

According to the CalEEMod results, the proposed project would result in maximum unmitigated construction criteria air pollutant emissions as shown in Table 2. As shown in the table, the proposed project's construction emissions would be below the applicable thresholds of significance.

Table 2
Maximum Unmitigated Construction Emissions (lbs/day)

Pollutant	Proposed Project Emissions	Threshold of Significance	Exceeds Threshold?
ROG	10.51	54	**NO**
NO_X	19.97	54	**NO**
PM_{10} (exhaust)	1.04	82	**NO**
PM_{10} (fugitive)	5.35	None	**N/A**
$PM_{2.5}$ (exhaust)	0.97	54	**NO**
$PM_{2.5}$ (fugitive)	2.92	None	**N/A**

Source: CalEEMod, July 2020 (see Appendix A).

Although thresholds of significance for mass emissions of fugitive dust PM_{10} and $PM_{2.5}$ have not been identified by the City of Morgan Hill or BAAQMD, the proposed project's estimated fugitive dust emissions have been included for informational purposes. All projects within the jurisdiction of the BAAQMD are required to implement all of the BAAQMD's Basic Construction Mitigation Measures, which would be required by the City as conditions of approval:

1. All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.
2. All haul trucks transporting soil, sand, or other loose material off-site shall be covered.
3. All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
4. All vehicle speeds on unpaved roads shall be limited to 15 mph.
5. All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used.
6. Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.
7. All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified visible emissions evaluator.

8. Post a publicly visible sign with the telephone number and person to contact at the lead agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.

The proposed project's required implementation of the BAAQMD's Basic Construction Mitigation Measures listed above for the project's construction activities, would help to further minimize construction-related emissions.

Because the proposed project would be below the applicable thresholds of significance for construction emissions, project construction would not result in a significant air quality impact.

Operational Emissions

According to the CalEEMod results, the proposed project would result in maximum unmitigated operational criteria air pollutant emissions as shown in Table 3. As shown in the table, the proposed project's operational emissions would be below the applicable thresholds of significance. As such, the proposed project would not result in a significant air quality impact during operations.

Table 3
Maximum Unmitigated Operational Emissions

Pollutant	Proposed Project Emissions		Threshold of Significance		Exceeds Threshold?
	lbs/day	tons/yr	lbs/day	tons/yr	
ROG	36.13	0.60	54	10	**NO**
NO_X	2.83	0.37	54	10	**NO**
PM_{10} (exhaust)	6.39	0.05	82	15	**NO**
PM_{10} (fugitive)	1.22	0.21	None	None	**N/A**
$PM_{2.5}$ (exhaust)	6.39	0.05	54	10	**NO**
$PM_{2.5}$ (fugitive)	0.33	0.06	None	None	**N/A**

Source: CalEEMod, July 2020 (see Appendix A).

Cumulative Emissions

Past, present and future development projects contribute to the region's adverse air quality impacts on a cumulative basis. By nature, air pollution is largely a cumulative impact. A single project is not sufficient in size to, by itself, result in nonattainment of AAQS. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. If a project's contribution to the cumulative impact is considerable, then the project's impact on air quality would be considered significant. In developing thresholds of significance for air pollutants, BAAQMD considered the emission levels for which a project's individual emissions would be cumulatively considerable. The thresholds of significance presented in Table 1 represent the levels at which a project's individual emissions of criteria air pollutants or precursors would result in a cumulatively considerable contribution to the SFBAAB's existing air quality conditions. If a project exceeds the significance thresholds presented in Table 1, the proposed project's emissions would be cumulatively considerable, resulting in significant adverse cumulative air quality impacts to the region's existing air quality conditions. Because the proposed project would result in emissions below the applicable thresholds of significance, the

proposed project would not be expected to result in a cumulatively considerable contribution to the region's existing air quality conditions.

Conclusion

As stated previously, the applicable regional air quality plans include the 2001 Ozone Attainment Plan and the 2017 Clean Air Plan. According to BAAQMD, if a project would not result in significant and unavoidable air quality impacts, after the application of all feasible mitigation, the project may be considered consistent with the air quality plans. Because the proposed project would result in emissions below the applicable thresholds of significance, the proposed project would not be considered to conflict with or obstruct implementation of regional air quality plans.

Because the proposed project would not conflict with or obstruct implementation of the applicable air quality plans, violate any air quality standards or contribute substantially to an existing or projected air quality violation, or result in a cumulatively considerable net increase in any criteria air pollutant, ***no impact*** would occur.

c. Some land uses are considered more sensitive to air pollution than others, due to the types of population groups or activities involved. Heightened sensitivity may be caused by health problems, proximity to the emissions source, and/or duration of exposure to air pollutants. Children, pregnant women, the elderly, and those with existing health problems are especially vulnerable to the effects of air pollution. Accordingly, land uses that are typically considered to be sensitive receptors include residences, schools, childcare centers, playgrounds, retirement homes, convalescent homes, hospitals, and medical clinics. The nearest existing sensitive receptors to the project site would be the single-family residences located across San Pedro Avenue, approximately 65 feet to the north.

The major pollutant concentrations of concern are localized carbon monoxide (CO) emissions and toxic air contaminants (TAC), as well as regional effects of emissions of criteria pollutants, which are addressed in further detail below.

Localized CO Emissions

Localized concentrations of CO are related to the levels of traffic and congestion along streets and at intersections. High levels of localized CO concentrations are only expected where background levels are high, and traffic volumes and congestion levels are high. Emissions of CO are of potential concern, as the pollutant is a toxic gas that results from the incomplete combustion of carbon-containing fuels such as gasoline or wood. CO emissions are particularly related to traffic levels.

In order to provide a conservative indication of whether a project would result in localized CO emissions that would exceed the applicable threshold of significance, the BAAQMD has established screening criteria for localized CO emissions. According to BAAQMD, a proposed project would result in a less-than-significant impact related to localized CO emission concentrations if all of the following conditions are true for the project:

- The project is consistent with an applicable congestion management program established by the county congestion management agency for designated roads or highways, regional transportation plan, and local congestion management agency plans;

- The project traffic would not increase traffic volumes at affected intersections to more than 44,000 vehicles per hour; and
- The project traffic would not increase traffic volumes at affected intersections to more than 24,000 vehicles per hour where vertical and/or horizontal mixing is substantially limited (e.g., tunnel, parking garage, underpass, etc.).

Given that the proposed project is consistent with the site's current land use and zoning designations, the proposed project would not conflict with the Santa Clara Valley Transportation Authority (VTA) Congestion Management Program (CMP).[11] In addition, according to the Trip Generation and Operations Analysis, the proposed project would result in approximately 282 average daily trips (ADT). Considering that the proposed project would only generate 282 ADT, the project would not substantially increase traffic volumes at any nearby intersections. According to the General Plan EIR, the segment of Monterey Road between San Pedro Avenue and Cosmo Avenue experiences 21,837 ADT.[12] Thus, the proposed project's contribution of approximately 282 ADT would not increase traffic volumes to more than 44,000 vehicles per hour. Furthermore, areas where vertical and/or horizontal mixing is limited due to tunnels, underpasses, or similar features do not exist in the project area. Therefore, based on the BAAQMD's screening criteria for localized CO emissions, the proposed project would not be expected to result in substantial levels of localized CO at surrounding intersections or generate localized concentrations of CO that would exceed standards or cause health hazards.

TAC Emissions

Another category of environmental concern is TACs. The CARB's *Air Quality and Land Use Handbook: A Community Health Perspective* (Handbook) provides recommended setback distances for sensitive land uses from major sources of TACs, including, but not limited to, freeways and high traffic roads, distribution centers, and rail yards. The CARB has identified diesel particulate matter (DPM) from diesel-fueled engines as a TAC; thus, high volume freeways, stationary diesel engines, and facilities attracting heavy and constant diesel vehicle traffic are identified as having the highest associated health risks from DPM. Health risks associated with TACs are a function of both the concentration of emissions and the duration of exposure, where the higher the concentration and/or the longer the period of time that a sensitive receptor is exposed to pollutant concentrations results in a higher health risk.

The CARB Handbook provides recommendations on siting new sources of TACs near existing sensitive receptors. Operational-related emissions of TACs are typically associated with stationary diesel engines or land uses that involve heavy truck traffic or idling. The proposed residences would not involve long-term operation of any stationary diesel engines nor involve heavy truck traffic. The proposed project would include a new emergency generator in the southeast corner of the site, approximately 270 feet from the nearest off-site sensitive receptor to the north. While in use, the emergency generator would emit DPM. However, the generator would only be used during emergencies and for routine maintenance testing. Based on applicant-provided information, the generator would run four times annually for routine maintenance testing. Assuming each testing session would occur over approximately one hour, the generator would be used for approximately four hours per year. In addition, the proposed generator would be located

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11 Santa Clara Valley Transportation Authority. *2015 Congestion Management Plan.* October 2015.
12 City of Morgan Hill. *Morgan Hill 2035 DEIR* [pg. 4.14-22]. January 13, 2016.

approximately 270 feet from the nearest sensitive receptor. Given that DPM is highly dispersive, and would be further dispersed from the southerly air movement of the area, DPM concentrations at the sensitive receptor would be minimal. Therefore, due to the limited amount of anticipated generator use, the dispersive nature of DPM, and the distance to the nearest sensitive receptor, project operations would not be expected to expose sensitive receptors to substantial pollutant concentrations.

Short-term construction-related activities could result in the generation of TACs, specifically DPM, from on-road haul trucks and off-road equipment exhaust emissions. Construction is temporary and occurs over a relatively short duration in comparison to the operational lifetime of the proposed project. Specifically, construction would occur over an approximately ten-month period. The exposure period typically analyzed in health risk assessments is 30 years or greater, which is substantially longer than the estimated ten-month construction period associated with the proposed project.

All construction equipment and operation thereof would be regulated by the In-Use Off-Road Diesel Vehicle Regulation, which is intended to help reduce emissions associated with off-road diesel vehicles and equipment, including DPM. In addition, the project applicant would be required to prepare, and include on all site development and grading plans, a management plan detailing strategies for control of noise, dust and vibration, and storage of hazardous materials during construction of the project. Pursuant to Section 18.76.040 (Air contaminants) of the City's Municipal Code, the management plan must include all applicable BAAQMD rules and regulations, as well as the City's standard conditions for construction activity, listed above under question 'a' and 'b'.

The City of Morgan Hill Development Services Department would ensure that the conditions listed above would be noted on project construction drawings prior to issuance of a building permit or approval of improvement plans.

During construction, only portions of the project site would be disturbed at a time. Operation of construction equipment would occur on such portions of the site intermittently throughout the course of a day over the overall construction period. Because construction equipment on-site would not operate for any long periods of time and would be used at varying locations within the site, associated emissions of DPM would not occur at the same location (or be evenly spread throughout the entire project site) for long periods of time. Due to the temporary nature of construction and the relatively short duration of potential exposure to associated emissions, sensitive receptors in the area would not be exposed to pollutants for a permanent or substantially extended period of time. Furthermore, any one nearby sensitive receptor would be exposed to varying concentrations of DPM emissions throughout the construction period. According to BAAQMD, research conducted by CARB indicates that DPM is highly dispersive in the atmosphere. Thus, emissions at the project site would be substantially dispersed at the nearest sensitive receptors.

In addition, the general flow of the wind in the area tends to be to the south. Prevailing winds in the region would act to dilute pollutants and transport them away from the area, so that emissions released in the project area would have a low potential to affect any single receptor. The southerly pattern of air movement would generally disperse pollutants released within the project site, during the construction period, away from the existing sensitive receptors to the north, and toward commercial development to the south of the project site.

Considering the short-term nature of construction activities, the regulated and intermittent nature of the operation of construction equipment, and the highly dispersive nature of DPM, the likelihood that any one sensitive receptor would be exposed to high concentrations of DPM associated with construction of the proposed project for any extended period of time would be low. For the aforementioned reasons, project construction would not be expected to expose sensitive receptors to substantial pollutant concentrations.

Criteria Pollutant Emissions

Criteria pollutant emissions have the ability to cause negative health effects. With regard to the proposed project, the principal criteria pollutants of concern are localized CO, ozone, and PM. As discussed above, the proposed project is not anticipated to result in impacts related to localized exposure of sensitive receptors to substantial concentrations of CO. Unlike CO and many TACs, due to atmospheric chemistry and dynamics, ozone and atmospheric PM typically act to impact public health on a cumulative and regional level, rather than a localized level.

Analysis of health risks related to the emission of criteria pollutants by an individual project is speculative and uncertain. The nature of criteria pollutants is such that the emissions from an individual project cannot be directly identified as responsible for health impacts within any specific geographic location. Any generalized conclusions related to potential health impacts would be predicated on a large number of tentative and compounding assumptions including regional growth trends, emissions trends, and meteorological conditions. While emissions of criteria pollutants on a cumulative scale can contribute to regional health effects, the attribution of any incremental increase to regional health effects to a single development project would include a high degree of speculation and uncertainty.

As discussed under question ‘a’ above, the AAQS presented are health-based standards designed to ensure safe levels of criteria pollutants that avoid specific adverse health effects. Because the SFBAAB is designated as nonattainment for State and federal eight-hour ozone and State PM_{10} standards, the BAAQMD, along with other air districts in the SFBAAB region, has adopted federal and state attainment plans to demonstrate progress towards attainment of the AAQS. Full implementation of the attainment plans would ensure that the AAQS are attained and sensitive receptors within the SFBAAB are not exposed to excess concentrations of criteria pollutants. The BAAQMD’s thresholds of significance were established with consideration given to the health-based air quality standards established by the AAQS, and are designed to aid the district in implementing the applicable attainment plans to achieve attainment of the AAQS. Thus, if a project’s criteria pollutant emissions exceed the BAAQMD’s emission thresholds of significance, a project would be considered to conflict with or obstruct implementation of the BAAQMD’s air quality planning efforts, thereby delaying attainment of the AAQS. Because the AAQSs are representative of safe levels that avoid specific adverse health effects, a project’s hinderance of attainment of the AAQS could be considered to contribute towards regional health effects associated with the existing nonattainment status of ozone and PM_{10} standards.

However, as discussed above, the proposed project would not result in exceedance of the BAAQMD’s thresholds of significance. Consequently, implementation of the proposed project would not conflict with the BAAQMD’s adopted attainment plans nor would the

proposed project inhibit attainment of regional AAQS. Therefore, implementation of the proposed project would not contribute towards regional health effects associated with the existing nonattainment status of ozone and PM_{10} standards.

Conclusion

Based on the above, the proposed project would not expose any sensitive receptors to substantial concentrations of localized CO, TACs, or criteria air pollutants associated with construction or operation. Therefore, the proposed project would not result in the exposure of sensitive receptors to substantial pollutant concentrations, and ***no impact*** would occur.

d. Emissions such as those leading to odors have the potential to adversely affect sensitive receptors within the project area. Pollutants of principal concern include emissions leading to odors, emission of dust, or emissions considered to constitute air pollutants. Air pollutants have been discussed in sections “a” through “c” above. Therefore, the following discussion focuses on emissions of odors and dust.

Pursuant to the BAAQMD CEQA Guidelines, odors are generally regarded as an annoyance rather than a health hazard.[13] Manifestations of a person’s reaction to odors can range from psychological (e.g., irritation, anger, or anxiety) to physiological (e.g., circulatory and respiratory effects, nausea, vomiting, and headache). The presence of an odor impact is dependent on several variables including: the nature of the odor source; the frequency of odor generation; the intensity of odor; the distance of odor source to sensitive receptors; wind direction; and sensitivity of the receptor.
Due to the subjective nature of odor impacts, the number of variables that can influence the potential for an odor impact, and the variety of odor sources, quantification of significant odor impacts is relatively difficult. Typical odor-generating land uses include, but are not limited to, wastewater treatment plants, landfills, and composting facilities. The proposed project would not introduce any such land uses.

Construction activities often include diesel-fueled equipment and heavy-duty diesel trucks, which can create odors associated with diesel fumes, which could be found to be objectionable. However, as discussed above, construction activities would be temporary, and operation of construction equipment would be regulated and intermittent. Project construction would also be required to comply with all applicable BAAQMD rules and regulations, particularly associated with permitting of air pollutant sources. The aforementioned regulations would help to minimize air pollutant emissions as well as any associated odors. Accordingly, substantial objectionable odors would not occur during construction activities or affect a substantial number of people. In addition, the BAAQMD rules and regulations would act to reduce construction-related dust, which would ensure that construction of the proposed project does not result in substantial emissions of dust. Following project construction, the project site would not include any exposed topsoil.

For the aforementioned reasons, construction and operation of the proposed project would not result in emissions (such as those leading to odors) adversely affecting a substantial number of people, and ***no impact*** would result.

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[13] Bay Area Air Quality Management District. *California Environmental Quality Act Air Quality Guidelines* [pg. 7-1]. May 2017.

IV. BIOLOGICAL RESOURCES. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☐	☐	✖
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Wildlife or US Fish and Wildlife Service?	☐	☐	☐	✖
c. Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	✖
d. Interfere substantially with the movement of any resident or migratory fish or wildlife species or with established resident or migratory wildlife corridors, or impede the use of wildlife nursery sites?	☐	☐	☐	✖
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	✖
f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Conservation Community Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	✖

Discussion

a. The proposed project site is located within the boundaries of the Santa Clara Valley Habitat Plan (SCVHP). Currently, the project site includes one single-family structure with a detached garage and an existing building formerly used for commercial/retail purposes. Several trees exist throughout the project site, including within the eastern portion of the site and along the southern site boundary. The observed site conditions are consistent with the SCVHP, which designates the site as an Urban-Suburban developed land cover type. The Urban-Suburban land cover type is described in the SCVHP as developed areas "where the native vegetation has been cleared for residential, commercial, industrial, transportation, or recreational structures, and is defined as one or more structures per 2.5 acres."[14] Typically, species covered by the SCVHP are unlikely to occur within Urban-Suburban areas. Pursuant to the SCVHP Geobrowser program, the project site is not located within a designated Plant or Wildlife Survey Area for any covered species.[15] In addition, the SCVHP Geobrowser program indicates that the project site is located outside of the SCVHP Burrowing Owl Fee Area, and is not identified in the SCVHP as Occupied Nesting Burrowing Owl Habitat, Potential Burrowing Owl Nesting/Overwintering Habitat Depending on Site Conditions, or Overwintering Only Habitat.

Due to the heavily disturbed nature of the project site and the existing development in the project vicinity, the project site does not provide habitat for endangered, rare, or

[14] Santa Clara Valley Habitat Agency. *Final Santa Clara Valley Habitat Plan* [pg. 3-100]. August 2012.

[15] Santa Clara Valley Habitat Agency. Geobrowser. Available at: http://www.hcpmaps.com/habitat/. Accessed June 2020.

threatened species. Thus, the project site meets the infill exemption criteria (c) established by CEQA Guidelines Section 15332. It should be noted that while not considered special-status species, various migratory birds could potentially nest in the existing on-site trees and other vegetation. However, as part of the City's standard conditions of approval, a preconstruction survey for migratory birds would be required prior to removal of on-site trees.

Therefore, development of the proposed project would not have a substantial adverse effect, either directly or through habitat modifications, on species identified as a candidate, sensitive, or special-status in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife (CDFW) or U.S. Fish and Wildlife Service (USFWS). Thus, ***no impact*** would occur.

b,c. The eastern portion of the project site is primarily characterized by one single-family structure with a detached garage and an existing building formerly used for commercial/ retail purposes, while the western portion of the site consists of ruderal grasses. The project site is surrounded by existing development and roadways. The site does not contain any existing wetlands or riparian habitat. Accordingly, the proposed project would not have a substantial adverse effect on any riparian habitat or other sensitive natural community, or on federally-protected wetlands, and ***no impac***t would occur.

d. Movement corridors or landscape linkages are usually linear habitats that connect two or more habitat patches, providing assumed benefits to the species by reducing inbreeding depression and increasing the potential for recolonization of habitat patches. The project site does not fall within any regional corridor defined by the SCVHP. Furthermore, the project site does not support wildlife movement, as the site is currently developed and surrounded by other urban development.

Given that the project site and the properties within the project vicinity are already developed and do not support any major wildlife movement corridors, buildout of the project site would not constrain native wildlife movement. As such, the proposed project would not interfere substantially with the movement of any resident or migratory fish or wildlife species or with established resident or migratory wildlife corridors, or impede the use of wildlife nursery sites. Thus, ***no impact*** would occur.

e. Section 12.32.030 (Permit-Required) of the City of Morgan Hill's Municipal Code requires the approval of a tree removal permit before the removal of any Ordinance Sized Trees, defined as a non-indigenous tree with a circumference greater than 40 inches (approximately 12.7 inch diameter) or any indigenous tree with circumference greater than 18 inches (approximately 5.7 inches diameter). Indigenous tree means any tree native to the Morgan Hill region, such as oaks (all types), Sycamore, California Bay, Madrone, or Alder.

An Arborist Report was prepared for the proposed project by Dave Laczko & Associates, LLC. (see Appendix B).[16] Based on the Arborist Report, a total of seven trees are located on the project site. Of the seven trees, all are considered Ordinance Sized Trees, two are indigenous trees, and five are non-indigenous trees. The proposed project would require the removal of six existing on-site trees and the retention of one tree in the northeast

[16] Dave Laczko & Associates, LLC. *RE: Development impacts upon existing trees, 16685 Church Street, Morgan Hill, CA.* February 7, 2020.

corner of the site. For all Ordinance-Sized Trees to be removed, replacement plantings would be required in accordance with Code Section 12.32.080. The remaining Ordinance Sized Tree in the northeast corner of the site would require preservation and be subject to the protection measures included in the Arborist Report.

Therefore, the proposed project would not conflict with local policies or ordinances protecting biological resources, and ***no impact*** would occur.

f. The SCVHP was developed through a partnership between Santa Clara County, the cities of San José, Morgan Hill, and Gilroy, the Santa Clara Valley Water District (SCVWD), the Santa Clara VTA, the USFWS, and the CDFW. The SCVHP is intended to promote the recovery of endangered species and enhance ecological diversity and function, while accommodating planned growth in approximately 500,000 acres of southern Santa Clara County. The SCVHP provides take authorization for 18 listed and non-listed species (i.e. covered species). In addition, the SCVHP includes conservation measures to protect the covered species covered by the SCVHP, as well as a conservation strategy designed to mitigate impacts on covered species and contribute to the recovery of the species in the study area.

As noted previously, the SCVHP designates the project site as an Urban-Suburban developed land cover type. Typically, species covered by the SCVHP are unlikely to occur within Urban-Suburban areas. Pursuant to the Santa Clara Valley Habitat Agency Geobrowser program, the project site is not located within a designated Plant or Wildlife Survey Area for any covered species; however, the project site is located within Fee Zone C (small vacant sites under 10 acres).[17] The project applicant would be subject to payment of all applicable development fees according to the SCVHP. Therefore, the proposed project would not conflict with the SCVHP, and ***no impact*** would occur.

[17] Santa Clara Valley Habitat Agency. *Geobrowser*. Available at: http://www.hcpmaps.com/habitat/. Accessed June 2020.

V. CULTURAL RESOURCES. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?	☐	☐	☐	✖
b. Cause a substantial adverse change in the significance of a unique archaeological resource pursuant to Section 15064.5?	☐	☐	☐	✖
c. Disturb any human remains, including those interred outside of dedicated cemeteries.	☐	☐	☐	✖

Discussion

a. A Historical Resource Analysis Study was prepared for the proposed project by Historic Resource Associates on June 25, 2020 (see Appendix C).[18] The Historic Resource Analysis Study was prepared to determine if the existing on-site structures proposed for demolition are considered significant resources pursuant to the National Register of Historic Places (NRHP), the California Register of Historic Resources (CRHR), and Santa Clara County's Heritage Resource Inventory and list of designated Landmarks. The Historic Resource Analysis Study included a review of historic documents, maps, and census data to determine the significance of the existing structures. In order to determine whether the existing single-family residence, detached garage, and the existing building formerly used for commercial/retail purposes are historically significant, the structures were evaluated using the NRHP and the CRHR eligibility criteria.

The NRHP and CRHR eligibility criteria include the following:

(1)/(A) The resource is associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the U.S.;
(2)/(B) The resource is associated with the lives of persons important to local, California, or national history;
(3)/(C) The resource embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of a master or possesses high artistic values; or
(4)/(D) The resource has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation.

In addition, the resource must retain integrity. Integrity is evaluated with regard to the retention of location, design, setting, materials, workmanship, feeling, and association. The resource must be at least 50 years old, except in exceptional circumstances.

According to the Historic Resource Analysis Study, the project site contains a heavily modified, Craftsman style, single-story, wood-frame residence that was constructed in the mid- to late-1920's with a garage that appears to have been built in the late 1940's or early 1950's. Immediately north was a building that was used for commercial/retail use that appears to have a California Ranch style of architecture. Based on historic photographs, the former commercial/retail building appears to have been constructed in the early- to mid-1970's and is less than 50 years old.

[18] Historic Resource Associates. *Re: Historic Resource Analysis Study of the Morgan Hill Senior Housing Project, 16685 Church Street and 94 San Pedro Avenue, Morgan Hill, Santa Clara County, CA.* June 25, 2020.

Additionally, the existing single-family residence appears to have been built as a simple rectangular-shaped residence that has undergone three major additions, including one addition to the front façade having a shed roof, one addition to the south façade having a gable roof, and one addition to the rear or west façade having a shed roof. Most, if not all, of the windows and exterior doors within the existing single-family residence appear to have been replaced with vinyl windows and aluminum doors. As such, the existing single-family residence has undergone substantial changes since the construction in the 1920's.

Comparing photographs taken of each building in June 2020 to photographs taken prior to each building being boarded up for security purposes, the buildings have undergone substantial alterations and additions, and consequently have diminished integrity of design, materials, workmanship, feeling, and association. In regards to location, the buildings do not appear to have been moved, however, the overall setting of the properties, once agricultural, has changed to light industrial and residential. After reviewing historic documents, maps, and census data, the Historic Resource Analysis Study determined that the properties do not appear to have been associated with an event or events of significance in the history of Morgan Hill or Santa Clara County. Similarly, neither property appears to have been owned by a person or persons of significance in the history of Morgan Hill or Santa Clara County. Furthermore, none of the existing structures have important informational or scientific value. Therefore, the existing structures are not considered eligible for listing under the NRHP and CRHR or other criteria for historical resources developed for Morgan Hill or Santa Clara County.

Based on the above, development of the site would cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5, and ***no impact*** would occur.

b,c. A records search of the California Historic Resources Information System (CHRIS) was performed by the North Central Information Center (NWIC) for cultural resource site records and survey reports within the proposed project area. Based on the results of the CHRIS search, the State Office of Historic Preservation Directory (which includes listings of the California Register of Historical Resources, California State Historical Landmarks, California State Points of Historical Interest, and the National Register of Historic Places) indicates that listed recorded archaeological resources are not located in or adjacent to the project site.[19] Given that the project site has been subject to previous disturbance, including grading and utility excavation, the potential for subsurface resources to exist is relatively limited. However, as noted in the General Plan EIR, archaeological surveys conducted in Morgan Hill have identified numerous prehistoric sites with shell midden components, including human burials. Thus, while unlikely, the potential exists for subsurface, unrecorded archaeological resources to be encountered on the project site during grading and other ground-disturbing activities associated with the proposed project.

In the event that such resources are unearthed, the following City standard conditions of approval related to the protection of historical and archaeological resources would be implemented, consistent with Section 18.60.090 of the City's Municipal Code:

1. An archaeologist shall be present on-site to monitor all ground-disturbing activities. Where historical or archaeological artifacts are found, work in areas

[19] California Historical Resources Information System. *Record search results for the proposed project located at 16685 Church Street in the City of Morgan Hill, California.* June 25, 2020.

where remains or artifacts are found will be restricted or stopped until proper protocols are met, as described below:

a. Work at the location of the find will halt immediately within thirty feet of the find. If an archaeologist is not present at the time of the discovery, the applicant shall contact an archaeologist for evaluation of the find to determine whether it qualifies as a unique archaeological resource as defined by this chapter;
b. If the find is determined not to be a Unique Archaeological Resource, construction can continue. The archaeologist will prepare a brief informal memo/letter that describes and assesses the significance of the resource, including a discussion of the methods used to determine significance for the find;
c. If the find appears significant and to qualify as a unique archaeological resource, the archaeologist will determine if the resource can be avoided and will detail avoidance procedures in a formal memo/letter; and
d. If the resource cannot be avoided, the archaeologist shall develop within forty-eight hours an action plan to avoid or minimize impacts. The field crew shall not proceed until the action plan is approved by the Development Services Director. The action plan shall be in conformance with California Public Resources Code 21083.2.

2. The following policies and procedures for treatment and disposition of inadvertently discovered human remains or archaeological materials shall apply. If human remains are discovered, it is probable they are the remains of Native Americans,

a. If human remains are encountered, they shall be treated with dignity and respect as due to them. Discovery of Native American remains is a very sensitive issue and serious concern. Information about such a discovery shall be held in confidence by all project personnel on a need to know basis. The rights of Native Americans to practice ceremonial observances on sites, in labs and around artifacts shall be upheld.
b. Remains should not be held by human hands. Surgical gloves should be worn if remains need to be handled.
c. Surgical mask should also be worn to prevent exposure to pathogens that may be associated with the remains.

3. In the event that known or suspected Native American remains are encountered, or significant historic or archaeological materials are discovered, ground-disturbing activities shall be immediately stopped. Examples of significant historic or archaeological materials include, but are not limited to, concentrations of historic artifacts (e.g., bottles, ceramics) or prehistoric artifacts (chipped chert or obsidian, arrow points, groundstone mortars and pestles), culturally altered ash-stained midden soils associated with pre-contact Native American habitation sites, concentrations of fire-altered rock and/or burned or charred organic materials and historic structure remains such as stone-lined building foundations, wells or privy pits. Ground-disturbing project activities may continue in other areas that are outside the exclusion zone as defined below.

4. An "exclusion zone" where unauthorized equipment and personnel are not permitted shall be established (e.g., taped off) around the discovery area plus a reasonable buffer zone by the contractor foreman or authorized

representative, or party who made the discovery and initiated these protocols, or if on-site at the time or discovery, by the monitoring archaeologist (typically twenty-five to fifty feet for single burial or archaeological find).

5. The exclusion zone shall be secured (e.g., twenty-four-hour surveillance) as directed by the city or county if considered prudent to avoid further disturbances.

6. The contractor foreman or authorized representative, or party who made the discovery and initiated these protocols shall be responsible for immediately contacting by telephone the parties listed below to report the find and initiate the consultation process for treatment and disposition:

    a. The City of Morgan Hill Development Services Director,
    b. The contractor's point(s) of contact,
    c. The coroner of the county of Santa Clara (if human remains found), and
    d. The Native American Heritage Commission (NAHC) in Sacramento.

7. The coroner has two working days to examine the remains after being notified of the discovery. If the remains are Native American, the Coroner has twenty-four hours to notify the NAHC.

8. The NAHC is responsible for identifying and immediately notifying the Most Likely Descendant (MLD). (Note: NAHC policy holds that the Native American Monitor will not be designated the MLD.).

9. Within twenty-hour hours of their notification by the NAHC, the MLD will be granted permission to inspect the discovery site if they so choose,

10. Within twenty-four hours of their notification by the NAHC, the MLD may recommend to the City's Development Services Director the recommended means for treating or disposing, with appropriate dignity, the human remains and any associated grave goods. The recommendation may include the scientific removal and non-destructive or destructive analysis of human remains and items associated with Native American burials. Only those osteological analyses or DNA analyses recommended by the appropriate tribe may be considered and carried out.

11. If the MLD recommendation is rejected by the City of Morgan Hill, the parties will attempt to mediate the disagreement with the NAHC. If mediation fails, then the remains and all associated grave offerings shall be reburied with appropriate dignity on the property in a location not subject to further subsurface disturbance.

Compliance with the above standard conditions of approval would ensure that construction of the proposed project would have ***no impact*** related to archeological resources, as well as the disturbance of human remains.

VI. ENERGY. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☐	✖
b. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☐	✖

Discussion

a,b. The main forms of available energy supply are electricity, natural gas, and oil. A description of the 2019 California Green Building Standards Code (CALGreen Code) and the Building Energy Efficiency Standards, with which the proposed project would be required to comply, as well as discussions regarding the proposed project's potential effects related to energy demand during construction and operations are provided below.

California Green Building Standards Code

The 2019 California Green Building Standards Code, otherwise known as the CALGreen Code (CCR Title 24, Part 11) is a portion of the California Building Standards Code (CBSC), which became effective on January 1, 2020.[20] The purpose of the CALGreen Code is to improve public health, safety, and general welfare by enhancing the design and construction of buildings through the use of building concepts having a reduced negative impact or positive environmental impact and encouraging sustainable construction practices. The CALGreen standards regulate the method of use, properties, performance, types of materials used in construction, alteration repair, improvement and rehabilitation of a structure or improvement to property. The provisions of the code apply to the planning, design, operation, construction, use, and occupancy of every newly constructed building or structure throughout California. Requirements of the CALGreen Code include, but are not limited to, the following measures:

- Compliance with relevant regulations related to future installation of electric vehicle charging infrastructure in residential and non-residential structures;
- Indoor water use consumption is reduced through the establishment of maximum fixture water use rates;
- Outdoor landscaping must comply with the California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), or a local ordinance, whichever is more stringent, to reduce outdoor water use;
- Diversion of 65 percent of construction and demolition waste from landfills; and
- Mandatory use of low-pollutant emitting interior finish materials such as paints, carpet, vinyl flooring, and particle board.
- For some single-family and low-rise residential structures developed after January 1, 2020, mandatory on-site solar energy systems capable of producing 100 percent of the electricity demand created by the residence(s). Certain residential developments, such as developments that are subject to substantial shading, rendering the use of on-site solar photovoltaic systems infeasible, may be exempted from the foregoing requirement on a case-by-case basis.

[20] California Building Standards Commission. *California Green Building Standards Code*. 2019.

Building Energy Efficiency Standards

The 2019 Building Energy Efficiency Standards is a portion of the CBSC, which expands upon energy efficiency measures from the 2016 Building Energy Efficiency Standards. The 2019 Building Energy Efficiency Standards are in effect for building permit applications submitted after January 1, 2020.

Energy reductions relative to previous Building Energy Efficiency Standards are achieved through various regulations, including requirements for the use of high efficacy lighting, improved water heating system efficiency, and high-performance attics and walls. For residential buildings, compliance with the 2019 standards will use approximately seven percent less energy due to energy efficiency measures compared to homes built under the 2016 standards.[21] The Building Energy Efficiency Standards require residential buildings that are three stories or less to include solar photovoltaic systems. Once solar electricity generation is factored in, homes built under the 2019 standards will use approximately 53 percent less energy than those under the 2016 standards.

Construction Energy Use

Construction of the proposed project would involve on-site energy demand and consumption related to use of oil in the form of gasoline and diesel fuel for construction worker vehicle trips, hauling and materials delivery truck trips, and operation of off-road construction equipment. In addition, diesel-fueled portable generators may be necessary to provide additional electricity demands for temporary on-site lighting, welding, and for supplying energy to areas of the site where energy supply cannot be met via a hookup to the existing electricity grid. Project construction would not involve the use of natural gas appliances or equipment.

Even during the most intense period of construction, due to the different types of construction activities (e.g., site preparation, grading, building construction), only portions of the project site would be disturbed at a time, with operation of construction equipment occurring at different locations on the project site, rather than a single location. In addition, all construction equipment and operation thereof would be regulated pursuant to the CARB In-Use Off-Road Diesel Vehicle Regulation. The In-Use Off-Road Diesel Vehicle Regulation is intended to reduce emissions from in-use, off-road, heavy-duty diesel vehicles in California by imposing limits on idling, requiring all vehicles to be reported to CARB, restricting the addition of older vehicles into fleets, and requiring fleets to reduce emissions by retiring, replacing, or repowering older engines, or installing exhaust retrofits. In addition, as a means of reducing emissions, construction vehicles are required to become cleaner through the use of renewable energy resources. The In-Use Off-Road Diesel Vehicle Regulation would therefore help to improve fuel efficiency for equipment used in construction of the proposed project. Technological innovations and more stringent standards are being researched, such as multi-function equipment, hybrid equipment, or other design changes, which could help to further reduce demand on oil and limit emissions associated with construction.

The CARB prepared the 2017 Climate Change Scoping Plan Update (2017 Scoping Plan),[22] which builds upon previous efforts to reduce GHG emissions and is designed to continue to shift the California economy away from dependence on fossil fuels. Appendix

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21 California Energy Commission. *Title 24 2019 Building Energy Efficiency Standards FAQ*. November 2018.

22 California Air Resources Board. *The 2017 Climate Change Scoping Plan Update.* January 20, 2017.

B of the 2017 Scoping Plan includes examples of local actions (municipal code changes, zoning changes, policy directions, and mitigation measures) that would support the State's climate goals. The examples provided include, but are not limited to, enforcing idling time restrictions for construction vehicles, utilizing existing grid power for electric energy rather than operating temporary gasoline/diesel-powered generators, and increasing use of electric and renewable fuel-powered construction equipment. The regulation described above, with which the proposed project must comply, would be consistent with the intention of the 2017 Scoping Plan and the recommended actions included in Appendix B of the 2017 Scoping Plan.

Based on the above, the temporary increase in energy use occurring during construction of the proposed project would not result in a significant increase in peak or base demands or require additional capacity from local or regional energy supplies. In addition, the proposed project would be required to comply with all applicable regulations related to energy conservation and fuel efficiency, which would help to reduce the temporary increase in demand.

Operational Energy Use

In response to the growing climate crisis, the City has determined that natural gas use in local buildings, which accounts for approximately one-third of the community's carbon footprint, represents the City's greatest opportunity to reduce future GHG emissions. Requiring all new buildings to be constructed without natural gas will dramatically reduce future emission growth as electricity procured by Silicon Valley Clean Energy is 100 percent carbon free. The City Council adopted Ordinance No. 2306 on November 6, 2019, which prohibits natural gas infrastructure in new buildings.

Energy use associated with operation of the proposed project would be typical of residential uses, requiring electricity for interior and exterior building lighting, heating, ventilation, and air conditioning (HVAC), electronic equipment, machinery, refrigeration, appliances, security systems, and more. Maintenance activities during operations, such as landscape maintenance, would involve the use of electric or gas-powered equipment. As noted above, the project would be required to include a solar photovoltaic system in accordance with the Building Energy Efficiency Standards. The proposed project would also include the use of an emergency generator. In addition to on-site energy use, the proposed project would result in transportation energy use associated with vehicle trips generated by the proposed residential development.

The proposed project would be subject to all relevant provisions of the most recent update of the CBSC, including the CALGreen Code and the Building Energy Efficiency Standards. Adherence to the most recent CALGreen Code and the Building Energy Efficiency Standards would ensure that the proposed structure would consume energy efficiently through the incorporation of such features as efficient water heating systems, high performance attics and walls, and high efficacy lighting. In addition, California has set energy-use reduction goals targeting zero-net-energy use in all new homes.[23] The CALGreen Code requires that new residential buildings use a combination of energy efficiency and distributed renewable energy generation to meet all annual energy needs. Required compliance with the CBSC would ensure that the building energy use associated with the proposed project would not be wasteful, inefficient, or unnecessary.

[23] California Energy Commission. *Title 24 2019 Building Energy Efficiency Standards FAQ*. November 2018.

The proposed emergency generator is expected to be diesel-fueled and is planned to cover Fire/Life-Safety Systems. Diesel fuel is considered to be more efficient than that of regular gasoline. In addition, the generator would not be used regularly, but, rather, would only be used for testing/maintenance approximately four times per year, and the unlikely event of an emergency.

With regard to transportation energy use, the proposed project would comply with all applicable regulations associated with vehicle efficiency and fuel economy. In addition, as discussed in Section XVII, Transportation, of this Initial Study, the project site is located in an urban area with access to several public transit lines. Transit would provide access to several grocery stores, restaurants, banks, and schools within close proximity to the project site. In addition, according to the VMT Assessment prepared for the proposed project, in areas where existing jobs-housing match is closer to optimal, low-income housing is known to generate less VMT than market-rate housing.[24] Because the proposed project would involve affordable housing, the project would result in a low amount of VMT compared to market-rate housing. The site's access to public transit, proximity to such uses, and the affordable aspect of the project would reduce VMT and, consequently, fuel consumption associated with the proposed project, thereby reducing transportation energy use.

Conclusion

Based on the context above, construction and operation of the proposed project would not result in wasteful, inefficient, or unnecessary consumption of energy resources or conflict with or obstruct a State or local plan for renewable energy or energy efficiency. Thus, ***no impact*** would occur.

[24] Hexagon Transportation Consultants, Inc. *Subject: VMT Assessment for the Proposed 16685 Church Street Senior Housing Project in Morgan Hill, California.* June 30, 2020.

VII. GEOLOGY AND SOILS. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☐	✖
ii. Strong seismic ground shaking?	☐	☐	☐	✖
iii. Seismic-related ground failure, including liquefaction?	☐	☐	☐	✖
iv. Landslides?	☐	☐	☐	✖
b. Result in substantial soil erosion or the loss of topsoil?	☐	☐	☐	✖
c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☐	✖
d. Be located on expansive soil, as defined in Table 18-1B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☐	✖
e. Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	☐	☐	☐	✖
f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	☐	✖

Discussion

The following discussion is based primarily on a Geotechnical Engineering Study prepared for the proposed project by Geosphere Consultants, Inc. (see Appendix D).[25]

ai-ii. According to the Geotechnical Engineering Study, major faults located in the project area include the Calaveras Fault located approximately 4.1 miles northeast of the site, the San Andreas Fault located approximately 9.3 miles southwest of the site, the Sargent Fault located approximately 7.0 miles southwest of the site, and the San Gregorio Fault located approximately 32 miles southwest of the site. Given that known surface expressions of fault traces do not exist within the project vicinity, including the site, fault rupture hazard is not a significant geologic hazard at the site. In addition, Alquist-Priolo Earthquake Fault Zones are not delineated within or near the project site.

Due to the proximity of the site to nearby active faults, strong ground shaking could occur at the site as a result of an earthquake on any one of the faults. However, the proposed project would be subject to all applicable regulations within the CBSC and Chapter 15.08 (Building Code) of the City's Municipal Code, which provide standards to protect property and public safety by regulating the design and construction of foundations, building frames, and other building elements. Therefore, ***no impact*** would occur related to

[25] Geosphere Consultants, Inc. *Geotechnical Engineering Study, New Morgan Hill Senior Housing Development, Monterey Road & San Pedro Avenue, Morgan Hill, California 95037*. October 4, 2019.

exposure of people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault, strong seismic ground shaking, seismic-related ground failure, or landslides.

aiii,aiv,
c. The proposed project's potential effects related to liquefaction, landslides, lateral spreading, and subsidence/settlement are discussed in detail below.

Liquefaction

Liquefaction is the temporary transformation of loose, saturated granular sediments from a solid state to a liquefied state as a result of seismic ground shaking. In the process, the soil undergoes transient loss of strength, which commonly causes ground displacement or ground failure to occur. Because saturated soils are a necessary condition for liquefaction, soil layers in areas where the groundwater table is near the surface have higher liquefaction potential than those in which the water table is located at greater depths. Additionally, loose unsaturated sandy soils have the potential to settle during strong seismic shaking.

According to the Geotechnical Engineering Study, which included analysis of on-site soil samples, the soils encountered at the site are predominantly medium dense to very dense sands with high fines content to a depth of approximately six feet, underlain by very stiff to hard clay in the upper 40 feet. Soil fines content is related to soil particle size and is useful for characterizing the soil type and in the evaluation of liquefaction susceptibility of granular soils of relatively low cohesion. High fines content can raise soil resistance against liquefaction due to the increased cohesion that adds to soil strength. As such, soil with high fines content typically presents a low potential for liquefaction to occur. A single layer of loose granular soils with high fines content was encountered in one of the boring samples taken within the south-central portion of the site. Based on the high number of fines content encountered in the granular soils on the site, the potential for liquefaction to occur at the site is very low.

Landslides

Seismically-induced landslides are triggered by earthquake ground shaking. The risk of landslide hazard is greatest in areas with steep, unstable slopes. The project site is relatively flat and is not located near any slopes. Therefore, landslides would not represent a hazard at the site.

Lateral Spreading

Lateral spreading is horizontal/lateral ground movement of relatively flat-lying soil deposits towards a free face such as an excavation, channel, or open body of water; typically, lateral spreading is associated with liquefaction of one or more subsurface layers near the bottom of the exposed slope. Given that the project site does not contain any free faces, lateral spreading would not present a hazard at the site.

Subsidence/Settlement

Settlement is a process in which unsaturated, relatively clean, loose sandy soils are densified by the vibratory motion of a strong seismic event. Liquefaction can often result in subsidence or settlement. According to the Geotechnical Engineering Study, relatively clean sands were not encountered to a significant extent at the project site. In addition, the Geotechnical Engineering Study states that soils that would be susceptible to

significant consolidation settlement under the anticipated building loads were not encountered during the site investigation. Furthermore, as discussed above, the potential for liquefaction to occur at the site is very low. It should also be noted that compliance with standard construction regulations included in the CBSC would ensure that the proposed project would not directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving subsidence or settlement. Therefore, seismically induced settlement would not represent a likely hazard at the site.

Conclusion

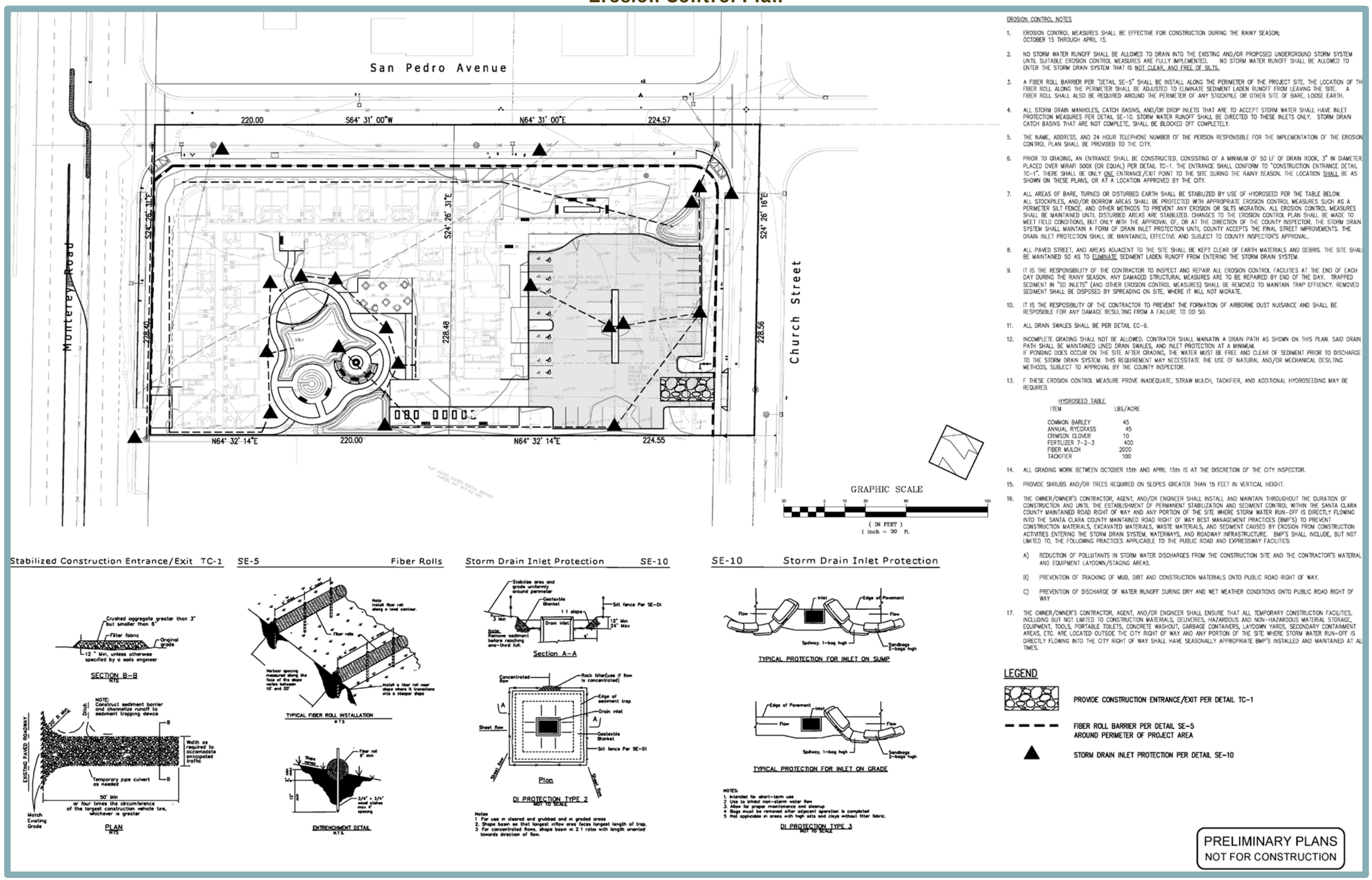
Based on the above, the proposed project would not be subject to substantial risks related to liquefaction, landslides, lateral spreading, or subsidence/settlement. Because the Geotechnical Engineering Study did not identify any unstable soil conditions within the site, the proposed project would not be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site subsidence, liquefaction, or collapse. Thus, ***no impact*** would occur.

b. Development of the proposed project would cause ground disturbance of mostly topsoil related to construction activity. The ground disturbance would be limited to the areas proposed for grading and excavation, including building pads, curb, gutter, drainage, sewer, and water infrastructure alignments. After grading and excavation and prior to overlaying the disturbed ground surfaces with impervious surfaces and structures, the potential exists for wind and water erosion to occur, which could adversely affect downstream storm drainage facilities.

New development within the City that disturbs one or more acres of land is required to comply with the National Pollutant Discharge Elimination System (NPDES) General Construction Permit and prepare a Storm Water Pollution Prevention Plan (SWPPP) incorporating BMPs to control sedimentation, erosion, and hazardous materials contamination of runoff during construction. The proposed project would disturb approximately 1.89 acres and, thus, would be subject to such requirements. In addition, pursuant to Chapter 13.30 (Urban Storm Water Quality Management and Discharge Control) of the City's Municipal Code, an Erosion Control Plan has been prepared for the proposed project (see Figure 11). As shown in Figure 11, BMPs would include drainage inlet protection, designation of a temporary construction entrance, as well as temporary fiber rolls and other BMPs to prevent pollution and erosion. In addition, the Erosion Control Plan would be subject to review and approval by the City Engineer prior to the approval of improvement plans and the issuance of building permits to ensure that the plan complies with City standards. Therefore, the proposed project would not result in substantial soil erosion or the loss of topsoil. Thus, ***no impact*** would occur.

d. Expansive soils can undergo significant volume changes with changes in moisture content. Specifically, such soils shrink and harden when dried and expand and soften when wetted. If structures are underlain by expansive soils, foundation systems must be capable of withstanding the potential damaging movements of the soil. Per the Geotechnical Engineering Study prepared for the proposed project, the near-surface soils indicate Plasticity Indexes of 4 and 7, which is indicative of a low shrink/swell or expansion potential. However, the Geotechnical Engineering Study includes recommendations for moderately low expansive soil conditions on the project site, consisting of moisture conditioning of the subgrade.

Figure 11
Erosion Control Plan



The City of Morgan Hill would require the recommendations presented within the Geotechnical Engineering Study be implemented as a condition of approval for the proposed project. Because the proposed project would be required to comply with and implement the recommendations set forth within the Geotechnical Engineering Study, the proposed project would not create substantial direct or indirect risks to life or property related to being located on expansive soil, as defined in Table 18-1B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property. Thus, ***no impact*** would occur.

e. The proposed development would connect to existing City-maintained sewer infrastructure and would not include the use of septic tanks. Accordingly, ***no impact*** would occur related to soils incapable of adequately supporting the use of septic tanks.

f. Paleontological resources or fossils are the remains of prehistoric plant and animal life. As noted in the General Plan EIR, based on a review of the University of California's Museum of Paleontology's (UCMP) fossil locality database conducted for all of Santa Clara County, paleontological resources have not been explicitly identified as being found within the City of Morgan Hill.[26]

The majority of the surrounding area is developed and paleontological resources have not been encountered in the vicinity of the project site. Thus, existing paleontological resources are not expected to occur on the site. As such, development of the proposed project would not destroy a unique geologic feature. Furthermore, the proposed project would be subject to the City's standard measures listed in Chapter V, Cultural Resources, of this Initial Study. As noted in the General Plan EIR, such measures would ensure adverse impacts to paleontological resources are avoided. Therefore, the proposed project would not result in the direct or indirect destruction of a unique paleontological resource, and ***no impact*** would occur.

[26] City of Morgan Hill. *2035 General Plan, City of Morgan Hill* [pg. 4.5-17]. Adopted July 2016.

VIII. GREENHOUSE GAS EMISSIONS. *Would the project:*	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☐	✖
b. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gasses?	☐	☐	☐	✖

Discussion

a,b. Emissions of greenhouse gases (GHGs) contributing to global climate change are attributable in large part to human activities associated with the industrial/manufacturing, utility, transportation, residential, and agricultural sectors. Therefore, the cumulative global emissions of GHGs contributing to global climate change can be attributed to every nation, region, and city, and virtually every individual on earth. An individual project's GHG emissions are at a micro-scale level relative to global emissions and effects to global climate change; however, an individual project could result in a cumulatively considerable incremental contribution to a significant cumulative macro-scale impact. As such, impacts related to emissions of GHG are inherently considered cumulative impacts.

Implementation of the proposed project would cumulatively contribute to increases of GHG emissions. Estimated GHG emissions attributable to future development would be primarily associated with increases of carbon dioxide (CO_2) and, to a lesser extent, other GHG pollutants, such as methane (CH_4) and nitrous oxide (N_2O) associated with area sources, mobile sources or vehicles, utilities (electricity), water usage, wastewater generation, and the generation of solid waste. The primary source of GHG emissions for the project would be mobile source emissions. The common unit of measurement for GHG is expressed in terms of annual metric tons of CO_2 equivalents ($MTCO_2e$/yr).

The proposed project is located within the jurisdictional boundaries of BAAQMD. The BAAQMD threshold of significance for project-level operational GHG emissions is 1,100 $MTCO_2e$/yr or 4.6 $MTCO_2e$/yr per service population (population + employees). BAAQMD's approach to developing a threshold of significance for GHG emissions is to identify the emissions level for which a project would not be expected to substantially conflict with existing California legislation adopted to reduce statewide GHG emissions needed to move towards climate stabilization. If a project would generate GHG emissions above the threshold level, the project would be considered to generate significant GHG emissions and conflict with applicable GHG regulations.

The proposed project's GHG emissions were quantified using CalEEMod and the same assumptions presented in Section III, Air Quality, of this Initial Study, and compared to the thresholds of significance noted above. The proposed project's required compliance with the current California Building Energy Efficiency Standards Code was assumed in the modeling. All CalEEMod results are included in Appendix A to this Initial Study.

According to the CalEEMod results, the proposed project would result in unmitigated operational GHG emissions of 283.55 $MTCO_2e$/yr, which is below the 1,100 $MTCO_2e$/yr threshold of significance.

Construction GHG emissions are a one-time release and are, therefore, not typically expected to generate a significant contribution to global climate change. Neither BAAQMD nor the City has adopted thresholds of significance for construction-related GHG emissions. Nonetheless, construction emissions have been included in this Initial Study for informational purposes. Construction would occur over approximately ten months and result in total GHG emissions of 236.60 $MTCO_2e$. Even if the total construction emissions are added to the annual operational emissions, the project's total GHG emissions would equal 520.15 $MTCO_2e$/yr, which remains below BAAQMD's threshold of significance for operational emissions. Accordingly, neither construction nor operations of the proposed project would be anticipated to result in significant emissions of GHGs.

Based on the above, the proposed project would not be considered to generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment, or conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs; and ***no impact*** would occur.

IX. HAZARDS AND HAZARDOUS MATERIALS. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☐	✖
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the likely release of hazardous materials into the environment?	☐	☐	☐	✖
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☐	✖
d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☐	✖
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	✖
f. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	✖
g. Expose people or structures, either directly or indirectly, to the risk of loss, injury or death involving wildland fires?	☐	☐	☐	✖

Discussion

a. Future operations on the project site could involve the use of common household cleaning products, fertilizers, and herbicides on-site, any of which could contain potentially hazardous chemicals; however, such products would be expected to be used in accordance with label instructions. Due to the regulations governing use of such products and the amount that could reasonably be used on the site, routine use of such products would not represent a substantial risk to public health or the environment.

As discussed previously, the proposed project would include an emergency generator in the southeast corner of the site, which would require the use of diesel fuel. The generator would only be used during emergencies and for routine maintenance testing. Based on applicant-provided information, the generator would run four times annually for routine maintenance testing.

Section 8.40.750 of the City's Municipal Code establishes regulations related to the types and quantities of hazardous materials that may be stored or used within the City. Based on the allowances within Section 8.40.750 of the Morgan Hill Municipal Code, should operation of the proposed project require the use or storage of hazardous materials in excess of the excepted limits, a formal request must be made to the City, including a declaration of information regarding the type and quantities of hazardous materials to be used or stored within the project site. Such requests would be considered by the City's Development Services Department. Therefore, such materials would be safely managed in accordance with the applicable regulations and would be subject to City review depending on the type or quantity of chemicals proposed for use. Thus, the proposed

project would not create a significant hazard to the public or the environment related to the routine transport, use, or disposal of hazardous materials, and ***no impact*** would occur.

b. The following discussion provides an analysis of potential hazards and hazardous materials associated with upset or accident conditions related to the proposed construction activities and existing on-site conditions.

Construction Activities

Construction activities associated with the proposed project would involve the use of various products such as concrete, paints, and adhesives. In addition, heavy-duty construction equipment operating on the project site would contain hydraulic fluid, diesel fuel, and other petroleum products. Small quantities of such potentially toxic substances would be used at the project site and transported to and from the site during construction. However, the project contractor would be required to comply with all California Health and Safety Codes and local County ordinances regulating the handling, storage, and transportation of hazardous and toxic materials.

Existing On-Site Hazardous Conditions

A Phase I ESA was prepared by AEI Consultants for the purpose of identifying potential recognized environmental conditions (RECs) associated with the project site (see Appendix E).[27] The Phase I ESA included site reconnaissance and a review of historical documentation, regulatory agency files, interviews, aerial photographs, a Tier 1 Vapor Encroachment Screening (VES), and environmental sites radius reports. According to the Phase I ESA, the western portion of the project site was used for agricultural purposes starting in 1917. By 1948, agricultural operations ceased and that portion of the project site has remained vacant since that time. In addition, the existing on-site residence was developed in the mid- to late- 1920's, while the associated garage was developed in the late 1940's or early 1950's. The existing commercial/retail building located on the project site was later developed in the early- to mid- 1970's.

According to the Phase I ESA, RECs associated with the project site were not identified; however, other environmental considerations were encountered, including potential soil contamination related to the previous on-site agricultural activities and the potential presence of asbestos and lead-based paint related to the age of the existing on-site structures. The identified environmental considerations are discussed in further detail below.

Contaminated Soils

Based on the previous agricultural uses on the site, the potential exists that agricultural chemicals, such as pesticides, herbicides and fertilizers, were used on-site, and that such agricultural chemicals have impacted the property. Significant pesticide contamination is commonly associated with inorganic pesticides, as well as large farm headquarter facilities or agricultural dusting airstrips where the storage and repeated mixing of chemicals and the rinsing of application equipment have occurred. The western portion of the project site previously consisted of orchard land, which is not considered a large farming headquarter facility or an agricultural dusting airstrip. Furthermore, pesticides, herbicides, and fertilizers naturally dissipate and break down in soils at a variety of rates based on sunlight, microbe

[27] AEI Consultants. *Phase I Environmental Site Assessment, 16685 Church Street, Morgan Hill, California.* August, 20, 2019.

activity, and other site-specific characteristics. According to the Phase I ESA, due to the length of time passed since the agricultural operations ceased (i.e., approximately 70 years), the former agricultural use of the western portion of the project site is not expected to represent a significant environmental concern.

In addition, as noted above, the Phase I ESA included a Tier 1 VES of the project site. The purpose of the Tier 1 VES was to conduct and initial screen to identify the potential vapor encroachment condition due to contaminated soil and groundwater on the project site or within close proximity to the project site. According to the results of the Tier 1 VES, a vapor encroachment condition due to contaminated soil or groundwater on the project site or within close proximity to the project site was not identified. Therefore, the proposed project would not expose construction workers or residents to contaminated soils.

Asbestos-Containing Materials and Lead-Based Paint

Asbestos is the name for a group of naturally occurring silicate minerals that are considered to be "fibrous" and, through processing, can be separated into smaller and smaller fibers. The fibers are strong, durable, chemical resistant, and resistant to heat and fire. They are also long, thin, and flexible, such that they can be woven into cloth. Because of the above qualities, asbestos was considered an ideal product and has been used in thousands of consumer, industrial, maritime, automotive, scientific, and building products. However, later discoveries found that, when inhaled, the material caused serious illness.

For buildings constructed prior to 1980, the Code of Federal Regulations (29 CFR 1926.1101) states that all thermal system insulation (boiler insulation, pipe lagging, and related materials) and surface materials must be designated as "presumed asbestos-containing material" unless proven otherwise through sampling in accordance with the standards of the Asbestos Hazard Emergency Response Act.

Lead-based paint (LBP) is defined by federal guidelines as any paint, varnish, stain, or other applied coating that has one milligram of lead per square centimeter or greater. Lead is a highly toxic material that may cause a range of serious illnesses, and in some cases death. In buildings constructed after 1978, the presence of LBP is unlikely. Structures built prior to 1978, and especially prior to the 1960s, are expected to contain LBP.

As noted above, the existing on-site residence was developed in the 1920's and the associated garage was developed in the 1940's, while the existing commercial/retail building was developed in the 1970's. While not as likely to be present in association with the commercial building, based on the age of the existing on-site structures, the potential exists for asbestos-containing materials and/or LBP to be present. An Asbestos Inspection[28] and a Lead-based Paint Survey[29] were prepared by Patriot Environmental Laboratory Services, Inc. in order to determine the presence of asbestos-containing materials and LBP in association with the existing on-site structures.

Based on the results of the Asbestos Inspection, the existing residence and the existing commercial/retail building were both identified to include asbestos-containing materials, while the associated garage is absent of any asbestos-containing materials. The Asbestos

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[28] Patriot Environmental Laboratory Services, Inc. *Re: Asbestos Inspection, Morgan Hill Senior Housing, 94 San Pedro Avenue, Morgan Hill, CA 95037*. January 15, 2020.

[29] Patriot Environmental Laboratory Services, Inc. *Re: Lead-based Paint Survey (for RRP Compliance), Morgan Hill Senior Housing, 94 San Pedro Avenue, Morgan Hill, CA 95037*. January 15, 2020.

Inspection recommends that an asbestos abatement contractor remove any asbestos-containing materials prior to demolition. The General Plan includes Policy NRE-12.3, which requires construction and demolition projects that have the potential to disturb asbestos (from soil or building material) to comply with all the requirements of the CARB's airborne toxic control measures (ATCMs) for construction, grading, quarrying, and surface mining operations. Therefore, compliance with Policy NRE-12.3 would ensure that the proper precautions are taken regarding asbestos prior to demolishing the existing structures.

Based on the results of the Lead-based Paint Survey, LBP was detected in association with the existing residence only. Title 8, Section 1532.1 of the California Code of Regulations, Cal OSHA's *Lead in Construction Standard*, requires preparation of a lead exposure assessment. Therefore, compliance with Cal OSHA's *Lead in Construction Standard* would ensure that the proper precautions are taken prior to demolishing the existing residence.

With implementation of the appropriate safety measures, as required by State and local regulations, the proposed project would not expose construction workers to asbestos-containing materials or LBP.

Conclusion

Based on the above, the proposed project would not create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the likely release of hazardous materials into the environment, and ***no impact*** would occur.

c. The nearest school relative to the project site is Barrett Elementary School, located approximately 0.8-mile east of the site. However, a day care center (Building Kidz School) is located approximately 280 feet south of the project site. As discussed under question 'b' above, construction of the proposed project could include the use of small quantities of potentially toxic substances (e.g., petroleum and other chemicals used to operate and maintain construction equipment); however, the project contractor would be required to comply with all State and local City ordinances regulating the use of such products. In addition, residential developments do not typically include the use of or emission of hazardous materials. Therefore, the proposed project would not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school, and ***no impact*** would occur.

d. The Phase I ESA indicates that the project site is not included on the list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. Therefore, ***no impact*** would result from implementation of the proposed project.

e. The public airport nearest to the project site is the San Martin Airport, which is located approximately 3.60 miles south of the project site at 13030 Murphy Avenue. The project site is located well outside of the Airport Influence Area (AIA) identified in the South County Airport Comprehensive Land Use Plan.[30] In addition, the project site is not located within the vicinity of a private airstrip. Therefore, the proposed project would not result in an

[30] Santa Clara County. *Comprehensive Land Use Plan, Santa Clara County, South County Airport.* Amended November 16, 2016.

airport-related safety hazard for people residing or working in the project area, and ***no impact*** would occur.

f. Implementation of the proposed project would not result in any substantial modifications to the City's existing roadway system. The proposed project involves minor modifications to Monterey Road, which would reduce hazardous traffic conditions associated with northbound vehicles making left turns into the parking lot west of the project site. The proposed project would not interfere with potential evacuation or response routes used by emergency response teams. Furthermore, the project would not conflict with the City's Emergency Operations Plan.[31] Therefore, the project would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan, and ***no impact*** would occur.

g. The City's Wildland Urban Interface map indicates that the project site is not located in a High or Very High Fire Hazard Severity Zone (FHSZ).[32] The project site is substantially surrounded by urban development, thereby limiting the sources of fuel (e.g., dry grass) that could be ignited. Therefore, the proposed project would not expose people or structures to the risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands, and ***no impact*** would occur.

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31 City of Morgan Hill. *Emergency Operations Plan.* January 11, 2018.

32 City of Morgan Hill. *City of Morgan Hill Wildland Urban Interface Map.* March 2009.

X. HYDROLOGY AND WATER QUALITY. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	☐	✖
b. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☐	✖
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
i. Result in substantial erosion or siltation on- or off-site;	☐	☐	☐	✖
ii. Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	☐	☐	☐	✖
iii. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☐	✖
iv. Impede or redirect flood flows?	☐	☐	☐	✖
d. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☐	✖
e. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☐	✖

Discussion

a. The proposed project's potential to result in water quality impacts during construction and operations is discussed in further detail separately below.

Construction

Project construction activities such as grading, excavation, and trenching for site improvements would result in the disturbance of on-site soils. The exposed soils have the potential to affect water quality in two ways: 1) suspended soil particles and sediments transported through runoff; or 2) sediments transported as dust that eventually reach local water bodies. Spills or leaks from heavy equipment and machinery, staging areas, or building sites also have the potential to enter runoff. Typical pollutants include, but are not limited to, petroleum and heavy metals from equipment and products such as paints, solvents, and cleaning agents, which could contain hazardous constituents. Sediment from erosion of graded or excavated surface materials, leaks or spills from equipment, or inadvertent releases of building products could result in water quality degradation if runoff containing the sediment or contaminants should enter receiving waters in sufficient quantities. Impacts from construction-related activities would generally be short-term and of limited duration.

Water quality degradation is regulated by the federal NPDES Program, established by the Clean Water Act, which controls and reduces pollutants to water bodies from point and non-point discharges. In California, the NPDES permitting program is administered by the

State Water Resources Control Board (SWRCB) through nine Regional Water Quality Control Boards (RWQCBs). As discussed in Section VII, Geology and Soils, of this Initial Study, new development within the City that disturbs one or more acres of land is required to comply with the NPDES General Construction Permit and prepare a SWPPP incorporating BMPs to control sedimentation, erosion, and hazardous materials contamination of runoff during construction. The proposed project would disturb approximately 1.89 acres, and, thus, would be subject to the State NPDES General Permit conditions.

The proposed project would also be subject to all regional and local water quality regulations. In order to meet water quality objectives for the region, the City of Morgan Hill, City of Gilroy, and County of Santa Clara have prepared and are implementing a Revised Regional Storm Water Management Plan (SWMP). The SWMP incorporates the efforts of the City of Morgan Hill, the City of Gilroy, and the unincorporated portion of Santa Clara County, within the watershed of the Pajaro River and Monterey Bay, to meet the Phase II Storm Water Permit requirements for small municipal separate storm sewer systems (MS4s). The Upper Pajaro River Watershed is located within the jurisdiction of the Central Coast Regional Water Quality Control Board (CCRWQCB). The City of Morgan Hill implements the SWMP through an extensive program that entails: 1) the establishment of SWMP goals for the City; 2) public education and outreach; 3) public involvement and participation; 4) illicit discharge control; 5) construction site stormwater runoff control; 6) post-construction stormwater management in development; and 7) pollution prevention. For construction activities, the SWMP presents BMPs that are required for the control of stormwater runoff quality during construction.

Operation

After project completion, impervious surfaces on the project site could contribute incrementally to the degradation of downstream water quality during storm events. During the dry season, vehicles and other urban activities may release contaminants onto the impervious surfaces, where they would accumulate until the first storm event. During the initial storm event, or first flush, the concentrated pollutants would be transported via stormwater runoff from the site to the stormwater drainage system and eventually a downstream waterway. Typical urban pollutants that would likely be associated with the proposed project include sediment, pesticides, oil and grease, nutrients, metals, bacteria, and trash. In addition, stormwater runoff could cause soil erosion if not properly addressed and provide a more lucrative means of transport for pollutants to enter the waterways.

The proposed project would be managed in accordance with Resolution R3-2013-0032 issued by the CCRWQCB. This resolution formally adopts post-construction stormwater management requirements for development projects in the Central Coast Region. The requirements identify 10 Watershed Management Zones (WMZs) in the covered area, and specify stormwater management requirements for each zone, depending on the size of the development project. Because the proposed project site is located in an area classified as WMZ-1, stormwater management at the project site must include site design and runoff features to limit the amount of runoff from the project site as well as on-site water quality treatment to reduce pollutant loads in the stormwater runoff using a Low Impact Development (LID) treatment system such as biofiltration. In WMZ-1, the treatment system must retain 95 percent of the runoff from the project site and also maintain peak runoff flows such that they do not exceed pre-project flows.

A preliminary Stormwater Control Plan (SWCP) has been prepared for the proposed project (see Figure 9). As noted in the SWCP, the project site would be subject to four different levels of performance requirements. Tier 1 is related to site design and runoff reduction, Tier 2 is related to water quality treatment, Tier 3 is related to runoff retention, and Tier 4 is related to peak water flow management. Pursuant to the SWCP, the project site would be divided into nine DMAs with different stormwater treatment measures. The DMAs would drain to eight Stormwater Control Measure (SCM) facilities, which would be sized to store and infiltrate the 95th percentile, 24-hour storm event pursuant to the Tier 3 requirements located in WMZ 1. Stormwater from the courtyard and areas along the northern and western site boundary would drain to the two bioretention areas. Any stormwater volume in excess of the 95th percentile storm would be stored in two bioretention areas and released at rates consistent with the Tier 4 requirements. The remaining volume available in the bioretention areas would be used for Tier 4 hydromodification and flood control storage within the proposed courtyard area and north of the proposed parking area. The stormwater volume, once detained or exceeding the 10-year storm, would be allowed to enter the City's stormwater system through an overflow structure. Both bioretention areas would be made of soil mixture and drain rock with a porosity of 40 percent and would be used to meet Tier 2 and Tier 3 infiltration requirements, as well as Tier 4 hydromodification requirements. A soils report was completed by Geosphere Consultants, which determined that on-site soils are characterized as hydraulic group B. Soils within hydraulic group B typically have a moderate infiltration rate when thoroughly wetted. Infiltration facilities have been sized to ensure that water captured for retention and infiltration of the 95th percentile would infiltrate into the native soil within 72 hours of a rain event.

Pervious pavement areas would be provided within the eastern portion of the site to collect drainage from the proposed parking area. The stormwater release would be controlled within an orifice before entering the public storm system. The orifice would be sized so that flows leaving the site match the pre-development two-year, five-year, and 10-year rain events.

The design, construction, operation, and maintenance of the proposed stormwater system would need to be addressed in a final SWCP to be submitted to the City of Morgan Hill in accordance with the stormwater management requirements set forth in Chapter 18.140 of the City's Municipal Code. The final SWCP would demonstrate how the stormwater system would meet the specified water quality, runoff retention, and peak flow management requirements. Prior to the issuance of building permits, the stormwater controls would be verified by the City of Morgan Hill to confirm design of the controls in accordance with the specified standards, and the controls would be subject to later operation and maintenance inspections by the property owner.

The final design of the proposed drainage system would be reviewed and approved by the City Engineer, who would ensure that the proposed drainage system complies with all applicable regional and local standards and requirements with respect to incorporating sufficient permanent stormwater treatment control BMPs. Therefore, water quality standards or waste discharge requirements would not be violated, and water quality would

not be substantially degraded as a result of operations of the proposed project or intersection improvement area.

Conclusion

Based on the above discussions, the proposed project would not violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality during construction and operations. Therefore, ***no impact*** would occur.

b,e. The City's water supplies currently consist entirely of groundwater. Approximately 25 percent of the City's supply is extracted from the Coyote Valley subarea of the Santa Clara Subbasin, and approximately 75 percent is extracted from the Llagas Subbasin. The project site is located within the Llagas Subbasin. Neither of the subbasins are in a condition of overdraft, and groundwater levels are not expected to drop.[33] It should be noted that water supply is discussed in Section XIX, Utilities and Service Systems, of this Initial Study.

Groundwater within the Llagas Subbasin is managed by the SCVWD. The 2016 Groundwater Management Plan (GWMP), prepared pursuant to the Sustainable Groundwater Management Act of 2014 (SGMA), describes the SCVWD's comprehensive groundwater management framework, including existing and potential actions to achieve basin sustainability goals and ensure continued sustainable groundwater management. The GWMP covers the Santa Clara and Llagas subbasins, located entirely in Santa Clara County and identified by the Department of Water Resources (DWR) as Basins 2-9.02 and 3-3.01, respectively. Pursuant to the DWR, the Llagas Subbasin is designated as a high-priority basin.[34]

Major recharge facilities within the Llagas Subbasin include the Uvas and Chesbro Reservoirs, in-stream recharge in Llagas and Uvas Creeks, the Madrone Channel, the San Pedro and Main Avenue groundwater recharge ponds, and the Uvas-Llagas pipeline, which is capable of diverting water from Uvas Reservoir to Llagas Creek. The project site is not located in the vicinity of any such facilities. In addition, the proposed stormwater drainage system would allow for a portion of the captured runoff to infiltrate underlying soils in a manner similar to what currently occurs on-site.

Given that groundwater levels within the subbasin underlying the project site are currently stable, and that the proposed project would provide for opportunities for on-site recharge, the project would not substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the Llagas Subbasin. In addition, the project would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan. Thus, ***no impact*** would occur.

ci-iii. The project site consists of an existing residence with an associated garage and a commercial/retail building. Development of the proposed project would include approximately 37,084 square feet of impervious surfaces, which would alter the existing

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33 City of Morgan Hill. *Morgan Hill 2035 Final Environmental Impact Report* [pg. 4.9-18]. Adopted July 2016.

34 Santa Clara Valley Water District. *2016 Groundwater Management Plan, Santa Clara and Llagas Subbasins* [pg. ES-1]. November 2016.

drainage pattern of the site. However, as discussed above, the proposed project would include nine different DMAs with different stormwater treatment measures. For example, the proposed project would include bioretention areas and self-treating areas for proper treatment of on-site stormwater. Therefore, the proposed stormwater system would treat and retain runoff from the project site and would be required to maintain peak runoff flows such that they do not exceed pre-project flows in accordance with the stormwater management requirements adopted by Resolution R3-2013-0032.

Furthermore, stormwater runoff associated with the site would be required to comply with the City's SWMP standards. As such, the project would not significantly increase stormwater flows into the existing system. The final drainage system design for the project will be subject to review and approval by the City Engineer, who will confirm that the proposed drainage system for the project is consistent with the City's Storm Drainage Master Plan and standard stormwater-related conditions of approval. Therefore, the proposed project would not substantially alter the existing drainage pattern of the site or area in a manner that would result in substantial erosion, siltation, or flooding on- or off-site, create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems, or provide substantial additional sources of polluted runoff. Thus, ***no impact*** would occur.

civ. According to FEMA Flood Insurance Rate Map (FIRM) number 06085C0607H, the southwestern corner of the project site is located within Zone AE, which is considered a Special Flood Hazard Area (SFHA) attributed to the nearby West Little Llagas Creek (see Figure 12).[35] The remaining portion of the site is located within Zone X, which is not considered a SFHA. The Zone AE is defined by FEMA as areas subject to inundation by the one-percent-annual-chance flood event determined by detailed methods. As noted previously, a Hydraulic Study was prepared for the proposed project by Schaaf & Wheeler, dated September 18, 2019 (see Appendix F),[36] to evaluate the potential impacts to the FEMA 100-year WSEL in West Little Llagas Creek from the proposed project. According to the Hydraulic Study, the proposed project would result in an increase of less than 0.1 feet in the 100-year WSEL on West Little Llagas Creek. The impacts of the other developments upstream of the project site were also investigated as part of the Hydraulic Study. The upstream developments would result in an impact of less than 1.0 foot to the WSEL in West Little Llagas Creek.

According to the City of Morgan Hill Municipal Code, Chapter 15.80, Flood Damage Prevention, the City allows a cumulative increase of up to one-foot of WSEL for proposed and existing developments. Therefore, the proposed project would not increase the WSEL in excess of the City's standards. In addition, the proposed project would be designed to allow the first-floor elevation to be at least one foot higher than the WSEL of the 100-year floodplain.

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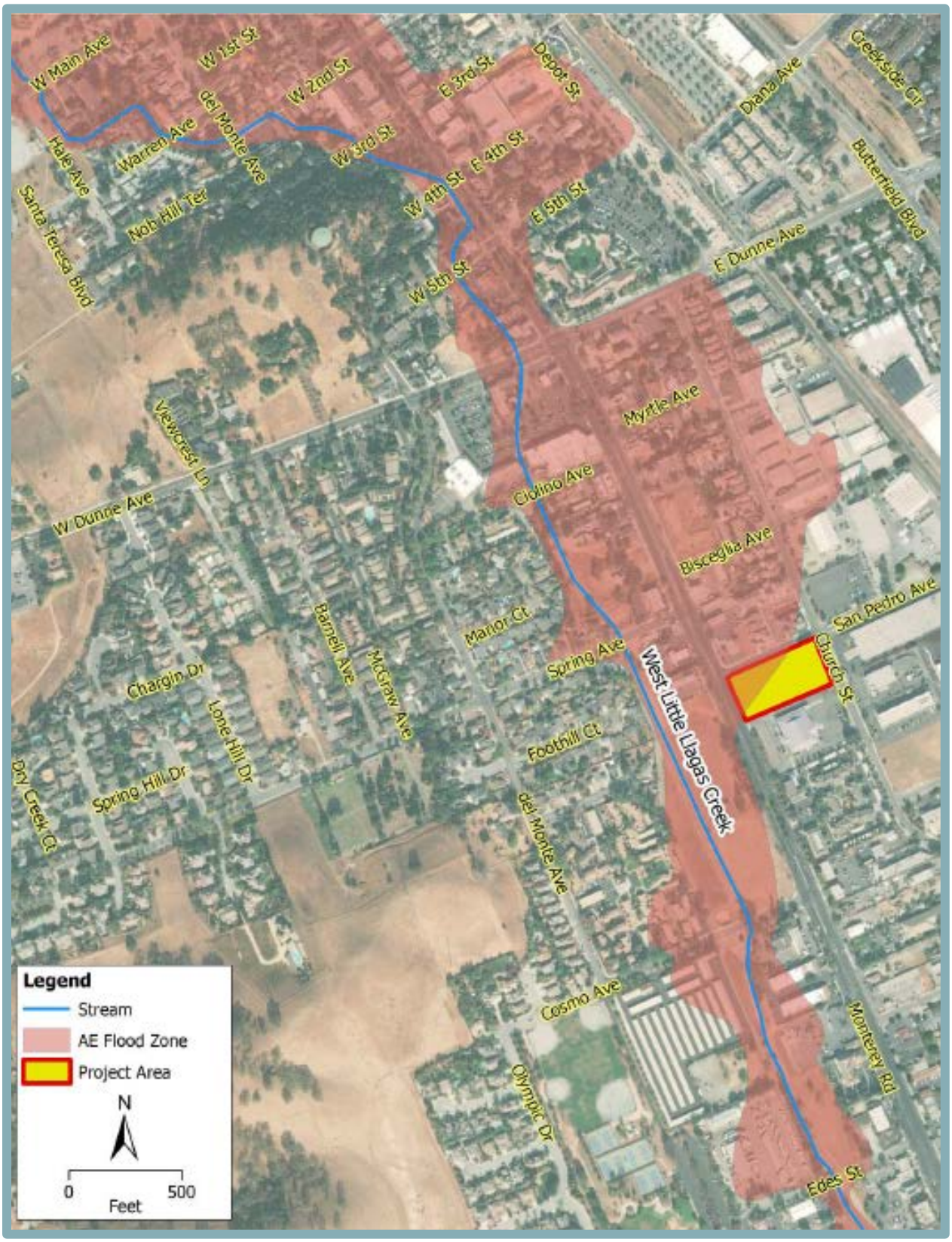
35 Federal Emergency Management Agency. *National Flood Hazard Layer FIRMette No. 06085C0607H.* Accessed July 2020.

36 Schaaf & Wheeler Consulting Civil Engineers. *Subject: Morgan Hill Senior Housing Project Hydraulic Impact Study.* September 18, 2019.

Figure 12
FEMA Flood Zone AE



It should also be noted that Valley Water submitted a comment letter on February 14, 2020 related to the Hydraulic Study prepared for the proposed project.[37] Valley Water stated that it agrees with the ultimate conclusion that the impact from the development will be minimal due to the fact that the development is located in an area of ineffective flow, but continues by noting that although water surface elevations may not be significantly affected when developments are placed in areas of ineffective flow, the cumulative impact of these types of blockages can result in a loss of floodplain storage area. Schaaf & Wheeler reviewed Valley Water's comments and indicated that the effective model shows the project area, east of Monterey Road, as a blocked obstruction; therefore, floodplain storage is not located on the project site under existing conditions.[38] Ineffective areas and blocked obstructions generally produce similar water surface elevations.

Based on the above, development of the proposed project within the floodplain would result in relatively minor increases in WSEL. The finished floor elevations of the proposed buildings would be one-foot higher than the 100-year floodplain. Given that the project would not substantially increase WSEL, a FEMA Conditional Letter of Map Revision (CLOMR) would not be required. For any improvements occurring within the 100-year floodplain, the project would implement all necessary policies and regulations set forth by the City regarding development in a flood zone, including Chapter 15.80 (Flood Damage Prevention) of the City's Municipal Code. Section 15.80.160 (Standards of construction) specifies standards related to anchoring, construction materials and methods, and elevation and floodproofing for all new development within SFHAs. Therefore, the proposed project would not impede or redirect flood flows, and ***no impact*** would occur.

d. A seiche is defined as a wave generated by rapid displacement of water within a reservoir or lake, due to an earthquake that triggers land movement within the water body or land sliding into or beneath the water body. The project site is not located near a water body that is susceptible to seiche hazard. In addition, the distance to the nearest coastline does not subject the site to tsunami hazards. The project site is within the dam failure inundation hazard zone for Anderson Reservoir as indicated within the dam failure inundation hazard maps.[39]

The dams in Santa Clara County are managed by the SCVWD. The dams are inspected twice each year and are continuously monitored for seepage and settling and inspected immediately following significant earthquakes. A seismic stability evaluation performed in 2007 for Anderson Dam indicated that the downstream and upstream embankments could become unstable during a very large magnitude earthquake and the rupture of faults underlying the dam may have adverse impact on the outlet pipes and intake structure. The SCVWD has initiated a capital project, the Anderson Dam Seismic Retrofit Project (ADSRP), to complete the planning, design, and construction of the seismic retrofit of the dam. Construction work for the ADSRP is planned to start in 2021.[40]

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37 Santa Clara Valley Water District. *Subject: Morgan Hill Senior Housing Floodplain Study*. February 14, 2020.

38 Schaff & Wheeler Consulting Civil Engineers. *Subject: Response to Valley Water Comment Letter for the Morgan Hill Senior Housing Floodplain Study.* June 8, 2020.

39 Association of Bay Area Governments. *Dam Failure Inundation Hazard Map for Morgan Hill*. 1995. Available at: http://www.mhcert.com/prepare/dam_failure.shtml. Accessed June 2020.

40 Santa Clara Valley Water District. *C1: Anderson Dam Seismic Retrofit*.* Available at: https://www.valleywater.org/anderson-dam-project. Updated November 2018.

Until recently, in order to protect the public from potential effects until the ADSRP is complete, a storage restriction of approximately 45 feet below the dam crest has been in place, with a reduced storage capacity of 61,810 acre-feet. The SCVWD and regulatory agencies (California Division of Safety of Dams and the Federal Energy Regulatory Commission) have approved the restriction and believe that the restriction would be sufficient to prevent the uncontrolled release of water in case of dam failure after a major earthquake. Most recently, federal dam regulators have ordered Anderson Reservoir, the largest reservoir in Santa Clara County, to be completely drained starting October 1, 2020.[41]

Based on the above, the proposed project would not be exposed to substantial risks related to flooding as a result of the failure of a dam, tsunamis, or seiches. Therefore, the project would not result in the release of pollutants due to project inundation, and ***no impact*** would occur.

[41] https://www.mercurynews.com/2020/02/24/breaking-feds-order-anderson-reservoir-to-be-drained-due-to earthquake-risk/; accessed March 31, 2020.

XI. LAND USE AND PLANNING. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Physically divide an established community?	☐	☐	☐	✖
b. Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☐	✖

Discussion

a. A project risks dividing an established community if the project would introduce infrastructure or alter land use so as to change the land use conditions in the surrounding community, or isolate an existing land use. Currently, the project site consists of an existing residence with a garage and an existing building formerly used as a day spa, and is surrounded by other existing development. The existing residence does not belong to a larger community. Furthermore, the proposed project would be considered infill development. Infill projects include the development of vacant parcels within a largely developed area, which does not result in the physical divide of communities. Rather, the proposed project would further complete the existing surrounding community. Therefore, the proposed project would not physically divide an established community and ***no impact*** would occur.

b. Currently, the project site is designated MU-F per the City's General Plan and zoned MU-F. The MU-F land use designation allows for a mix of residential, commercial, and office uses. Additionally, the MU-F Zoning District within Block 9 of the Monterey Road Corridor generally requires a Block Level Master Plan (BLMP) for all projects wanting to develop within the block. Furthermore, a Conditional Use Permit is required for a residential-only project within the MU-F zone. California SB 330 established the "Housing Crisis Act of 2019", effective January 1, 2020, making changes to the local approval process until January 1, 2025. The project, as proposed, is consistent with the General Plan and meets the base zoning standards; therefore, although a BLMP and a Conditional Use Permit for the site are required by the Morgan Hill Zoning Code, SB 330 supersedes these requirements.

In addition, the proposed project would be consistent with other applicable policies and regulations adopted for the purpose of avoiding or mitigating environmental effects. For example, as discussed in Section IV, Biological Resources, of this Initial Study, the project would not conflict with any applicable policies, regulations, or ordinances related to the protection of biological resources. As discussed under Section XIII, Noise, of this Initial Study, the project would comply with the noise level thresholds established in the City's General Plan and Municipal Code during construction and operation. The proposed project would comply with Section 12.32.030 of the City's Municipal Code regarding the removal of Ordinance Sized Trees. In addition, as discussed in Section XIII, the proposed project would comply with Section 8.28.040.D of the City's Municipal Code, which limits the hours construction activities may occur.

Therefore, the proposed project would not cause a significant adverse environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect, and ***no impact*** would occur.

XII. MINERAL RESOURCES. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	✖
b. Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	✖

Discussion

a,b. The City's General Plan does not identify any regionally or locally important mineral resources within the City of Morgan Hill. The Santa Clara County General Plan does identify mineral resources of importance; however, the project site is not in proximity to the quarries currently in operation. Consequently, the proposed project would not result in the loss of a known mineral resource that would be of value to the region nor would the project result in the loss of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan. Therefore, ***no impact*** to mineral resources would occur as a result of the proposed project.

XIII. NOISE. *Would the project result in:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☐	☐	✖
b. Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☐	✖
c. For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	✖

Discussion

a. The following section includes a discussion of noise standards and criteria applicable to various land uses, as well as potential traffic noise and non-transportation noise sources associated with the proposed project.

Sensitive Receptors

Noise-sensitive land uses are generally defined as locations where people reside or where the presence of unwanted sound could adversely affect the primary intended use of the land. Places where people live, sleep, recreate, worship, and study are considered to be sensitive to noise because intrusive noise can be disruptive to such activities. Within the project vicinity, the nearest sensitive receptors include the single-family residences to the north of the site.

Existing Noise Environment

The ambient noise environment in the immediate project vicinity is defined by traffic on the local roadway network (Monterey Road and San Pedro Avenue). Additional noise sources include light industrial and commercial noise, emergency vehicle pass-bys, and general community noise.

City Noise Standards and Criteria

Chapter 9, Safety, Service, and Infrastructure, of the City's General Plan contains the following policies that would be applicable to the proposed project:

SSI-8.2 Impact Evaluation. The impact of a proposed development project on existing land uses should be evaluated in terms of the potential for adverse community response based on significant increase in existing noise levels, regardless of compatibility guidelines.

SSI-8.5 Traffic Noise Level Standards. Consider noise level increases resulting from traffic associated with new projects significant if: a) the noise level increase is 5 dBA L_{dn} or greater, with a future noise level of less than 60 dBA L_{dn}, or b) the noise level increase is 3 dBA L_{dn} or greater, with a future noise level of 60 dBA L_{dn} or greater.

SSI-8.6 Stationary Noise Level Standards. Consider noise levels produced by stationary noise sources associated with new projects significant if they substantially exceed existing ambient noise levels.

SSI-8.7 Other Noise Sources. Consider noise levels produced by other noise sources (such as ballfields) significant if an acoustical study demonstrates they would substantially exceed ambient noise levels.

SSI-8.9 Site Planning and Design. Require attention to site planning and design techniques other than sound walls to reduce noise impacts, including: a) installing earth berms, b) increasing the distance between the noise source and the receiver, c) using non-sensitive structures such as parking lots, utility areas, and garages to shield noise-sensitive areas, d) orienting buildings to shield outdoor spaces from the noise source, and e) minimizing the noise at its source.

In addition to the policies listed above, Section 18.76.090 (Noise) of the City's Municipal Code contains maximum noise levels for non-transportation noise sources. The City's quantitative exterior noise standards are reproduced below in Table 4. Importantly, this section of the Code states that noise standards in the below table (i.e., Table 18.76-1 of the Code) do not apply to noise generated by vehicle traffic in the public right-of-way or from temporary construction, demolition, and vehicles that enter and leave the site of the noise-generating use (e.g., construction equipment, trains, trucks).

Table 4
Noise Level Performance Standards

Receiving Land Use	Maximum Noise Level at Lot Line of Receiving Use
Industrial and Wholesale	70 dBA
Commercial	65 dBA
Residential or Public/Quasi Public	60 dBA

Notes:
- The planning commission may allow an additional 5 dBA noise level at the lot line if the maximum noise level shown above cannot be achieved with reasonable and feasible mitigation.

Source: City of Morgan Hill Municipal Code.

Furthermore, Section 8.28.040.D of the Morgan Hill Municipal Code, limits construction activity noise as follows:

> "Construction activities" are defined as including but not limited to excavation, grading, paving, demolition, construction, alteration or repair of any building, site, street or highway, delivery or removal of construction material to a site, or movement of construction materials on a site. Construction activities are prohibited other than between the hours of seven a.m. and eight p.m., Monday through Friday and between the hours of nine a.m. to six p.m. on Saturday. Construction activities may not occur on Sundays or federal holidays. No third person, including but not limited to landowners, construction company owners, contractors, subcontractors, or employers, shall permit or allow any person working on construction activities which are under their ownership, control or direction to violate this provision.
>
> Construction activities may occur in the following cases without violation of this provision:

a. In the event of urgent necessity in the interests of the public health and safety, and then only with a permit from the Building Official, which permit may be granted for a period of not to exceed three days or less while the emergency continues and which permit may be renewed for periods of three days or less while the emergency continues.

b. If the Building Official determines that the public health and safety will not be impaired by the construction activities between the hours of eight p.m. and seven a.m., and that loss or inconvenience would result to any party in interest, the Building Official may grant permission for such work to be done between the hours of eight p.m. and seven a.m. upon an application being made at the time the permit for the work is issued or during the progress of the work.

c. The city council finds that construction by the resident of a single residence does not have the same magnitude or frequency of noise impacts as a larger construction project. Therefore, the resident of a single residence may perform construction activities on that home during the hours in this subsection, as well as on Sundays and federal holidays from nine a.m. to six p.m., provided that such activities are limited to the improvement or maintenance undertaken by the resident on a personal basis.

d. Public Works projects are exempt from this section and the City Engineer shall determine the hours of construction for City public projects.

Project Construction Noise

During construction of the proposed project, heavy-duty equipment would be used for demolition, grading, excavation, paving, and building construction, which would result in temporary noise level increases while in operation. Noise levels would vary depending on the type of equipment used, how the equipment is operated, and how well the equipment is maintained. In addition, noise exposure at any single point outside the project site would vary depending on the proximity of construction activities to that point. Standard construction equipment, such as graders, backhoes, loaders, and haul trucks would be used on-site.

Table 5 shows maximum noise levels associated with typical construction equipment. Based on the table, activities involved in typical construction would generate maximum noise levels up to 85 dB at a distance of 50 feet. As distance increases between equipment, or increases separation of areas with simultaneous construction activity, dispersion and distance attenuation reduce the effects of combining separate noise sources. The noise levels from a source decrease at a rate of approximately 6 dB per every doubling of distance from the noise source.

The nearest noise-sensitive receptors are located approximately 65 feet north of the project site boundary. Chapter 8.28 of the Morgan Hill Municipal Code prohibits construction activities between 8:00 PM and 7:00 AM, Monday through Friday, and between 6:00 PM and 9:00 AM on Saturdays. Construction activities may not occur on Sundays or federal holidays.

Given the restrictions on construction hours, and the City's standard conditions of approval requiring the use of best available technology by construction contractors to minimize excessive noise from construction equipment, the project would result in no impact related to a substantial temporary increase in noise generation during construction activities.

Table 5 Construction Equipment Noise	
Type of Equipment	**Maximum Level, dB at 50 feet**
Backhoe	78
Compactor	83
Compressor (air)	78
Dozer	82
Dump Truck	76
Excavator	81
Generator	81
Pneumatic Tools	85
Source: ***Federal Highway Administration, Roadway Construction Noise Model User's Guide, January 2006.***	

Project Operational Noise

Operation of the proposed project would generate noise primarily associated with increased traffic on nearby roadways, as well as periodic non-transportation noise such as landscaping, maintenance activities, and heating and air conditioning equipment. It should be noted that recent by the California Supreme Court have clarified that environmental analyses prepared under CEQA are intended to analyze a project's impact on the environment, rather than the potential impact of the environment on the project (*Ballona Wetlands Land Trust v. City of Los Angeles,* (2011) 201 Cal.App.4th 455, 473 (*Ballona*)). As such, because the environmental analyses are not required to analyze the potential impact of the environment on the project, a discussion of the effects of off-site traffic noise on the project has not been included.

Pursuant to General Plan Policy SSI-8.5, noise level increases resulting from traffic associated with new projects are considered significant if: a) the noise level increase is 5 dBA L_{dn} or greater, with a future noise level of less than 60 dB L_{dn}; or b) the noise level increase is 3 dB L_{dn} or greater, with a future noise level of 60 dB L_{dn} or greater. As discussed in Section XVII, Transportation, of this Initial Study, the proposed project would generate approximately 16 trips during the AM peak hour and 21 trips in the PM peak hour, which is not expected to trigger the aforementioned General Plan significance noise level increase criteria. Table 4.11-7 of the General Plan EIR shows an increase in noise levels of 1.3 dB by 2035 along San Pedro Avenue, between Monterey Road and Church Street, with existing and future traffic noise levels projected to be less than 60 dB. The table also shows an increase in noise levels along Monterey Road, between San Pedro Avenue and Barrett Avenue, by 0.8 dB, with existing and future projected traffic noise levels exceeding 65 dB. The majority of vehicle trips generated by the proposed project are included in the estimate of buildout of the General Plan. For example, according to the project-specific *Trip Generation and Operations Analysis* (Hexagon 2020), the proposed project would only result in six more AM peak hour trips and seven more PM peak hour trips when compared with the land uses included in the City's current General Plan for the project site. Considering the anticipated increase in transportation noise on adjacent roadways would not exceed the City's standards set forth in Policy SSI-8.5, traffic noise increases attributable to the project would be less than significant.

Non-transportation noise-generating operations associated with the proposed project would primarily consist of landscaping maintenance and heating, ventilation, and air conditioning (HVAC) systems, as well as an emergency generator. The landscaping maintenance and HVAC systems would be typical of other existing residential

development in the project vicinity. In general, residential uses do not include substantial noise-generating uses. Assuming the project HVAC systems and maintenance equipment would be in normal working order, these stationary noise sources associated with the proposed project would not substantially increase noise levels from what currently exists in the project area.

The proposed emergency generator would be located in the southeast corner of the site, approximately 270 feet from the nearest residences. Based on applicant-provided information, the generator would run four times annually for maintenance purposes. Considering the limited use, distance from the nearest residences, and the intervening project structures that would shield generator noise, the generator would not result in a substantial temporary or permanent increase in ambient noise levels in the vicinity.

Conclusion

Based on the above, operation of the proposed project would not result in the generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the City's General Plan and the Municipal Code. Therefore, ***no impact*** would occur as a result of the proposed project.

b. Similar to noise, vibration involves a source, a transmission path, and a receiver. However, noise is generally considered to be pressure waves transmitted through air, whereas vibration usually consists of the excitation of a structure or surface. As with noise, vibration consists of an amplitude and frequency. A person's perception to the vibration depends on their individual sensitivity to vibration, as well as the amplitude and frequency of the source and the response of the system which is vibrating.

Vibration is measured in terms of acceleration, velocity, or displacement. A common practice is to monitor vibration in terms of peak particle velocities (PPV) in inches per second (in/sec). Standards pertaining to perception as well as damage to structures have been developed for vibration levels defined in terms of PPV.

Human and structural response to different vibration levels is influenced by a number of factors, including ground type, distance between source and receptor, duration, and the number of perceived vibration events. Table 6, which was developed by Caltrans, shows the vibration levels that would normally be required to result in damage to structures. As shown in the table, the threshold for architectural damage to structures is 0.20 in/sec PPV and continuous vibrations of 0.10 in/sec PPV, or greater, would likely cause annoyance to sensitive receptors.

The proposed project would only cause elevated vibration levels during construction, as the proposed project would not involve any uses or operations that would generate substantial groundborne vibration. Although noise and vibration associated with the construction phases of the project would add to the noise environment in the immediate project vicinity, construction activities would be temporary in nature and are anticipated to occur during normal daytime working hours.

The primary vibration-generating activities associated with the proposed project would occur during grading, paving, placement of utilities, and construction of foundations. Table 7 shows the typical vibration levels produced by construction equipment at various

distances. The most substantial source of groundborne vibrations associated with project construction would be the use of vibratory compactors.

Use of vibratory compactors/rollers could be required during construction of the proposed on-site parking areas and driveways. However, such activity would occur at approximately 40 feet from the existing structures located south of the project site. At a distance of 26 feet or greater from the vibration source, groundborne vibrations associated with construction equipment would be less than 0.2 in/sec PPV, and, thus, would not cause architectural damage to structures or annoyance to nearby sensitive receptors. Therefore, the proposed project would not expose people to or generate excessive groundborne vibration or groundborne noise levels, and ***no impact*** would occur.

Table 6
Effects of Vibration on People and Buildings

PPV		Human Reaction	Effect on Buildings
mm/sec	in/sec		
0.15 to 0.30	0.006 to 0.019	Threshold of perception; possibility of intrusion	Vibrations unlikely to cause damage of any type
2.0	0.08	Vibrations readily perceptible	Recommended upper level of the vibration to which ruins and ancient monuments should be subjected
2.5	0.10	Level at which continuous vibrations begin to annoy people	Virtually no risk of “architectural” damage to normal buildings
5.0	0.20	Vibrations annoying to people in buildings (this agrees with the levels established for people standing on bridges and subjected to relative short periods of vibrations)	Threshold at which there is a risk of “architectural” damage to normal dwelling - houses with plastered walls and ceilings. Special types of finish such as lining of walls, flexible ceiling treatment, etc., would minimize “architectural” damage
10 to 15	0.4 to 0.6	Vibrations considered unpleasant by people subjected to continuous vibrations and unacceptable to some people walking on bridges	Vibrations at a greater level than normally expected from traffic, but would cause “architectural” damage and possibly minor structural damage

Source: Caltrans. Transportation Related Earthborne Vibrations. TAV-02-01-R9601. February 20, 2002.

Table 7
Vibration Levels for Various Construction Equipment

Type of Equipment	PPV at 25 feet (in/sec)	PPV at 50 feet (in/sec)
Large Bulldozer	0.089	0.029
Loaded Trucks	0.076	0.025
Small Bulldozer	0.003	0.000
Auger/drill Rigs	0.089	0.029
Jackhammer	0.035	0.011
Vibratory Hammer	0.070	0.023
Vibratory Compactor/roller	0.210	0.070

Source: Federal Transit Administration, Transit Noise and Vibration Impact Assessment Guidelines, May 2006.

c. The public airport nearest to the project site is the San Martin Airport, which is located approximately 3.60 miles south of the project site at 13030 Murphy Avenue. The project site is located well outside of the AIA identified in the South County Airport Comprehensive Land Use Plan.[42] In addition, the project site is not located within the vicinity of a private airstrip. Therefore, the proposed project would not expose people residing or working in the project area to excessive noise levels associated with air traffic, and ***no impact*** would occur.

[42] Santa Clara County. *Comprehensive Land Use Plan, Santa Clara County, South County Airport.* Amended November 16, 2016.

XIV. POPULATION AND HOUSING. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (e.g., through projects in an undeveloped area or extension of major infrastructure)?	☐	☐	☐	✖
b. Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	✖

Discussion

a. The proposed project would include the development of a three-story, 82-unit, affordable senior housing development. The proposed project would be comprised of 81 one-bedroom units for low-income seniors, as well as one two-bedroom unit for an on-site property manager. Although the proposed project would include one-bedroom units, in order to present a conservative analysis, this Initial Study estimates that the project would be limited to 2.0 persons per unit, which would result in approximately 164 residents. Based on the Department of Finance E-5 City/County Housing Population Estimates published 1/1/2020, the population of Morgan Hill is approximately 46,454.[43] The increase in population associated with the proposed project would constitute a 0.43 percent increase in the City's population. A 0.43 percent increase in population would not be considered substantial growth. The primary consideration regarding increased growth is not the growth itself, but the effects of such growth on the City's infrastructure systems, with the key inquiry being whether the systems would become overburdened as a result of the additional demand created by the project. As discussed in Section XIX, Utilities and Service Systems, of this Initial Study, adequate utility infrastructure would be available to support the proposed project. Thus, the proposed project would not induce substantial unplanned population growth in an area, either directly or indirectly, and ***no impact*** would occur.

b. The proposed project would require demolition of an existing single-family residence, detached garage, and an existing commercial/retail building. However, the existing single-family residence is currently vacant. Additionally, the removal of a single residence would not be considered to result in the displacement of a substantial number of existing people or housing. As such, the proposed project would not displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere, and ***no impact*** would occur.

[43] California Department of Finance. *E-5 City/County Population and Housing Estimates.* Available at: http://www.dof.ca.gov/Forecasting/Demographics/Estimates/E-5/. January 1, 2020.

XV. PUBLIC SERVICES.

Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Fire protection?	☐	☐	☐	✖
b. Police protection?	☐	☐	☐	✖
c. Schools?	☐	☐	☐	✖
d. Parks?	☐	☐	☐	✖
e. Other Public Facilities?	☐	☐	☐	✖

Discussion

a-e. The City of Morgan Hill contracts with CAL FIRE (California Department of Forestry and Fire Protection) for fire protection services. Three fire stations are located within the City boundaries: El Toro Station, located at 18300 Old Monterey Road; Dunne-Hill Station, located at 2100 Dunne Avenue; and the CAL FIRE Station at 15670 Monterey Road. The nearest fire station (CAL FIRE Station) is located approximately 0.9-mile to the southeast of the site. The incremental increase in demand for fire protection associated with the proposed project would not necessitate new or physically altered fire protection facilities and would not be substantial enough such that the current response times could not be maintained. Accordingly, the response time from the CAL FIRE station would be anticipated to be within the City's preferred response time of five minutes or less. In addition, the proposed building would include a fire sprinkler system which would decrease the likelihood of fire-related incidents to occur at the site.

The project site is also located in close proximity to the Morgan Hill Police Department, which is located at 16200 Vineyard Boulevard, approximately 0.4-mile southeast of the site. Thus, police response times would be comparable to nearby existing developments. With respect to schools, given that the project would include development of the project site with affordable housing for senior citizens, the proposed project would not increase the demand for schools in the area.

Regarding parks, the proposed project would include a courtyard for on-site recreation opportunities. Additional on-site recreation opportunities would include an on-site garden area, as well as a fitness room and a media room for residents to use. The demand for recreation attributable to the proposed senior housing project would not be substantial enough to necessitate the construction of new parks or alteration of existing parks, the construction of which could have environmental impacts. Furthermore, the proposed project would be subject to payment of development impact fees, which are used to help pay for infrastructure, including fire facilities, police facilities, and other public facilities needed to support new development within the City.

Based on the above, the proposed project would have ***no impact*** with respect to creating adverse physical environmental impacts associated with the provision of new or physically altered governmental facilities in order to maintain acceptable service ratios, response times or other performance objectives for fire protection, police protection, schools, and other public facilities.

XVI. RECREATION. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☐	✖
b. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☐	✖

Discussion

a,b. The proposed 82-unit housing development would be expected to generate approximately 164 residents. Due to the increase in population associated with the project, the proposed project could increase demand on existing park facilities. The proposed project would include a courtyard for on-site recreation opportunities. Additional on-site recreation opportunities would include an on-site garden area, as well as a fitness room and a media room for residents to use. The demand for recreation attributable to the proposed senior housing project would not be substantial enough to necessitate the construction of new parks or alteration of existing parks, the construction of which could have environmental impacts.

Therefore, because the proposed project would include on-site recreation opportunities and would not substantially increase the demand for recreation facilities within the City, the proposed project would not increase use of neighborhood and regional recreational parks or other recreational facilities such that physical deterioration of the facility would occur or be accelerated. Thus, ***no impact*** would occur related to recreational resources.

XVII. TRANSPORTATION. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?	☐	☐	☐	✖
b. Conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	☐	☐	☐	✖
c. Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☐	✖
d. Result in inadequate emergency access?	☐	☐	☐	✖

Discussion

a. The proposed project would include the demolition of the existing on-site structures and construction of a three-story, 82-unit, affordable senior housing development. A Trip Generation and Operations Analysis for the proposed project was prepared, which includes a discussion of the proposed project's potential impacts on transit, bicycle, and pedestrian facilities and are discussed in further detail below.[44] While a level of service evaluation was also included in the Trip Generation and Operations Analysis, this is no longer required as part of CEQA review for the reason described below. The level of service analysis will be reviewed by the City to determine if the project should be conditioned to implement any operation transportation enhancements.

The law has changed with respect to how transportation-related impacts may be addressed under CEQA. Traditionally, lead agencies used level of service (LOS) to assess the significance of such impacts, with greater levels of congestion considered to be more significant than lesser levels. Mitigation measures typically took the form of capacity-increasing improvements, which often had their own environmental impacts (e.g., to biological resources). Depending on circumstances, and an agency's tolerance for congestion (e.g., as reflected in its general plan), LOS D, E, or F often represented significant environmental effects. In 2013, however, the Legislature passed legislation with the intention of ultimately doing away with LOS in most instances as a basis for environmental analysis under CEQA. Enacted as part of Senate Bill 743 (2013), Public Resources Code Section 21099, subdivision (b)(1), directed the Governor's Office of Planning and Research (OPR) to prepare, develop, and transmit to the Secretary of the Natural Resources Agency for certification and adoption proposed CEQA Guidelines addressing "criteria for determining the significance of transportation impacts of projects within transit priority areas. Those criteria shall promote the reduction of greenhouse gas emissions, the development of multimodal transportation networks, and a diversity of land uses. In developing the criteria, [OPR] shall recommend potential metrics to measure transportation impacts that may include, but are not limited to, vehicle miles traveled, vehicle miles traveled per capita, automobile trip generation rates, or automobile trips generated. The office may also establish criteria for models used to analyze transportation impacts to ensure the models are accurate, reliable, and consistent with the intent of this section."

[44] Hexagon Transportation Consultants, Inc. *Subject: Trip Generation and Operations Analysis for the Proposed 16685 Church Street Senior Housing Project in Morgan Hill, California.* July 2, 2020.

Subdivision (b)(2) of Section 21099 further provides that "[u]pon certification of the guidelines by the Secretary of the Natural Resources Agency pursuant to this section, automobile delay, as described solely by level of service or similar measures of vehicular capacity or traffic congestion *shall not be considered a significant impact on the environment* pursuant to [CEQA], except in locations specifically identified in the guidelines, if any." (Italics added.)

Pursuant to Senate Bill 743, the Natural Resources Agency promulgated CEQA Guidelines Section 15064.3 in late 2018. It became effective in early 2019. Subdivision (a) of that section provides that "[g]enerally, vehicle miles traveled is the most appropriate measure of transportation impacts. For the purposes of this section, 'vehicle miles traveled' refers to the amount and distance of automobile travel attributable to a project. Other relevant considerations may include the effects of the project on transit and non-motorized travel. Except as provided in subdivision (b)(2) below (regarding roadway capacity), a project's effect on automobile delay shall not constitute a significant environmental impact."[45]

Please refer to Question 'b' for a discussion of vehicle miles traveled.

Transit, Bicycle, and Pedestrian Facilities

Bus service in the City of Morgan Hill is provided by the Santa Clara Valley Transportation Authority (VTA), which operates local bus service with regional connections to destinations north and south of Morgan Hill. Bus stops are located along Monterey Road. Specifically, the nearest northbound bus stop to the project site is located approximately 0.12-mile to the north at the intersection of Monterey Road/Bisceglia Avenue and the nearest southbound bus stop to the project site is located approximately 0.09-mile to the north at the intersection of Monterey Road/Spring Avenue. According to the Trip Generation and Operations Analysis, a typical mode split in Morgan Hill would be a three percent transit share. Assuming up to three percent transit mode share for the project equates to less than one transit rider during the AM and PM peak hours. Because the proposed project would only slightly increase transit riders, the demands of the proposed project could be accommodated by the existing transit facilities. Therefore, the proposed project would not conflict with a program, plan, ordinance, or policy related to the City's transit facilities.

In the project vicinity, bike lanes are located along Monterey Road, Dunne Avenue, and Tennant Avenue/Edmundson Avenue. In addition, the project site is located within approximately 0.25-mile from the Little Llagas Creek Trail, which is a multi-use path that runs from Spring Avenue to La Crosse Drive. In addition, the proposed project would include the addition of bike lane markings to the existing buffered bike lane, located west of the project site, along Monterey Road. Due to the nature of the proposed project, the project is not expected to generate a significant amount of bicycle trips. Therefore, the demand generated by the proposed project could be accommodated by the existing bicycle facilities in the vicinity of the project site. Thus, the proposed project would not conflict with a program, plan, ordinance, or policy related to the City's bicycle facilities.

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[45] Subdivision (b)(2) of Section 15064.3 ("transportation projects") provides that "[t]ransportation projects that reduce, or have no impact on, vehicle miles traveled should be presumed to cause a less than significant transportation impact. For roadway capacity projects, agencies have discretion to determine the appropriate measure of transportation impact consistent with CEQA and other applicable requirements. To the extent that such impacts have already been adequately addressed at a programmatic level, such as in a regional transportation plan EIR, a lead agency may tier from that analysis as provided in Section 15152.

Commercial uses along Monterey Road and Downtown Morgan Hill in the project vicinity are the primary reason for pedestrian traffic in the area. Currently, sidewalks are located along each side of Monterey Road. Pedestrian crosswalks are also provided at the adjacent nearby signalized intersections. The proposed project would install sidewalks along the project frontage and would add two new crosswalks along the east leg of the Monterey Road/San Pedro Avenue intersection and the Church Street and San Pedro Avenue intersection. As such, the proposed pedestrian facilities in the project vicinity would provide adequate connection for pedestrians between the project site and other surrounding land uses in the area. Therefore, the proposed frontage and crosswalk improvements would not conflict with existing transit, bicycle, or pedestrian facilities.

Conclusion

Based on the above, ***no impact*** would occur related to conflicting with a program, plan, ordinance, or policy addressing the circulation system, including transit, bicycle, and pedestrian facilities.

b. Section 15064.3 of the CEQA Guidelines provides specific considerations for evaluating a project's transportation impacts. Pursuant to Section 15064.3, analysis of VMT attributable to a project is the most appropriate measure of transportation impacts. Other relevant considerations may include the effects of the project on transit and non-motorized travel. Although the City of Morgan Hill has not established any standards or thresholds regarding VMT, pursuant to Section 15064.3(b)(3), a lead agency may analyze a project's VMT qualitatively based on the availability of transit, proximity to destinations, etc. However, the City of Morgan Hill is undertaking a process of updating General Plan policies to incorporate VMT methodologies and significance thresholds to be consistent with SB 743. In the absence of an adopted or draft City policy with numeric thresholds, this VMT assessment relies on OPR guidelines in analyzing the project's effects on VMT. In order to asses project VMT, Hexagon Transportation Consultants, Inc. prepared a VMT Assessment, dated June 30, 2020 (see Appendix G).[46]

VMT is the total miles of travel by personal motorized vehicles a project is expected to generate in a day. VMT measures the full distance of personal motorized vehicle-trips to and from the project site. Typically, development projects that are farther from other, complementary land uses (such as a business park far from housing) and in areas without transit or active transportation infrastructure (bike lanes, sidewalks, etc.) generate more driving than development near complementary land uses with more robust transportation options. Therefore, developments located in a central business district with high density and diversity of complementary land uses and frequent transit services are expected to internalize trips and generate shorter and fewer vehicle trips than developments located in a suburban area with low density of residential developments and lack of transit services in the project vicinity.

The *Technical Advisory on Evaluating Transportation Impacts in CEQA* published by the Governor's OPR in December 2018 provides recommendations regarding VMT evaluation methodology, significance thresholds, and screening thresholds for land use projects. The OPR screening thresholds recommendations are intended to identify when a project should be expected to cause a less-than-significant impact without conducting a detailed

[46] Hexagon Transportation Consultants, Inc. *Subject: VMT Assessment for the Proposed 16685 Church Street Senior Housing Project in Morgan Hill, California.* June 30, 2020.

VMT evaluation. The OPR screening thresholds recommendations are based on project size, maps, transit availability, and provision of affordable housing. Specifically, OPR recommends the following screening thresholds criteria:

- OPR recommends that office or residential projects exceeding a level of 15 percent below existing VMT per capita may indicate a less-than-significant impact on VMT.
- OPR recommends that projects (including office, residential, retail, and mixed-use developments) proposed within 0.5-mile of an existing major transit stop or within 0.25-mile of an existing stop along a high-quality transit corridor may be presumed to have a less-than-significant impact.
- OPR recommends that 100 percent affordable residential development in infill locations be presumed to have a less-than-significant impact on VMT.
- OPR recommends that projects that generate or attract fewer than 110 trips per day generally may be assumed to cause a less-than-significant impact on VMT.

The proposed project would include the development of an 82-unit affordable senior housing facility. Because the proposed project would be a 100 percent affordable residential development, pursuant to the above OPR recommendations, the proposed project would be presumed to have a less-than-significant impact related to VMT. The OPR guidelines state that adding affordable housing to infill locations generally improves jobs to housing match, in turn shortening commutes and reducing VMT.[47,48] In addition, the OPR guidelines state that in areas where existing jobs-housing match is closer to optimal, low income housing generates less VMT than market-rate housing. Furthermore, the pedestrian supportive facilities and uses in the project vicinity would help support a reduced project VMT. Pedestrian supportive facilities and uses in the project vicinity (within 0.25-mile to 1.0-mile radius) include transit bus stops along Monterey Road, commercial uses (restaurant, retail, etc.) along Monterey Road, and downtown Morgan Hill. Although the proposed project is geared specifically towards senior living, because the project would be 100 percent affordable units and due to existing adjacent pedestrian support facilities, the project would not significantly increase VMT.

Based on the above, the proposed project would not conflict or be inconsistent with CEQA Guidelines Section 15064.3(b), and ***no impact*** would occur.

c,d. Primary access to the project site would be provided by a driveway along Church Street. The proposed project would also include a pick-up/drop-off area at the northern end of the proposed parking lot. As part of the Trip Generation and Operations Analysis prepared for the proposed project, site access was evaluated to determine the adequacy of the site's access points with regard to geometric design and sight distance.

Based on the project trip generation and trip assignment, the proposed project is estimated to generate a maximum of 16 trips during the AM peak hour and 21 trips during the PM peak hour at the project driveway. Based on the relatively low traffic volumes on Church Street, operational issues are not expected to occur at the project driveway.

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47 Karner and Benner (2016). *The convergence of social equity and environmental sustainability: Jobs-housing fit and commute distance ("[P]olicies that advance a more equitable distribution of jobs and housing by linking the affordability of locally available housing with local wage levels are likely to be associated with reduced commuting distances").*

48 Karner and Benner (2015). *Low-wage jobs-housing fit: identifying locations of affordable housing shortages.*

The project driveway would be free and clear of any obstructions to provide adequate sight distance, thereby ensuring that vehicles would be able to see pedestrians on the sidewalk and other vehicles traveling on Church Street. Landscaping and signage would be required to be located in a way to ensure that drivers have an unobstructed view. Sight distance generally should be provided in accordance with Caltrans standards. The minimum acceptable sight distance is most often the stopping sight distance. Church Street has a posted speed limit of 30 miles per hour (mph). For a design speed of 30 mph, the recommended Caltrans stopping sight distance is 200 feet. According to the Trip Generation and Operations Analysis, based on the project site plan and observations in the field, vehicles exiting the project site driveway would have adequate sight distance in both directions on Church Street.

Implementation of the proposed project would not result in any substantial modifications to the City's existing roadway system. The proposed project involves minor modifications to Monterey Road (i.e., construction of median to restrict San Pedro Avenue to eastbound right-turn and westbound right-turn movements only), which would reduce hazardous traffic conditions associated with northbound vehicles making left turns into the parking lot west of the project site. The proposed project would provide adequate access to the site for emergency vehicles.

Based on the above, the proposed project would not substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment), and would not result in inadequate emergency access. Therefore, ***no impact*** would occur.

XVIII. TRIBAL CULTURAL RESOURCES.

Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American Tribe, and that is:	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k).	☐	☐	☐	✖
b. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☐	☐	✖

Discussion

a,b. As discussed in Section V, Cultural Resources, of this Initial Study, the existing single-family residence, detached garage, and the commercial/retail building do not meet the criteria to be eligible for listing in the California Register of Historical Resources, or a local register of historical resources as defined in Public Resources Code Section 5020.1(k), and do not contain known resources that could be considered historic pursuant to the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. Based on a search of the NAHC Sacred Lands File, the project site could contain tribal cultural resources.[49] However, the records search of the CHRIS database for cultural resource site records and survey reports within the project area indicated that a low potential exists for unrecorded tribal cultural resources to occur within the project site.[50] Compliance with Section 18.60.090 of the City's Municipal Code would ensure that the proper measures are taken should tribal cultural resources be discovered within the project site.

Given compliance with the City's standard conditions of approval related to cultural resource discovery, ***no impact*** to tribal cultural resources would occur.

[49] Native American Heritage Commission. *Re: Senior Housing Project, Santa Clara County.* June 18, 2020.
[50] California Historical Resources Information System. *Re: Record search results for the proposed Senior Housing Project located at 16685 Church Street in the City Morgan Hill, California.* June 25, 2020.

XIX. UTILITIES AND SERVICE SYSTEMS. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Require or result in the relocation or construction of new or expanded water, wastewater treatment, or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	☐	✖
b. Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?	☐	☐	☐	✖
c. Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☐	✖
d. Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☐	✖
e. Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☐	✖

Discussion

a-c. Brief discussions of the water, wastewater, stormwater drainage, electrical, and telecommunications facilities that would serve the proposed project are included below.

Water

The City of Morgan Hill provides potable water service to its residential, commercial, industrial, and institutional customers within the City limits. The City's water system facilities include 14 groundwater wells, 10 potable water storage tanks, 10 booster stations, and over 160 miles of pressured pipes ranging from two to 14 inches in diameter. The City's water distribution system meets the needs of existing customers. The City has planned and constructed water projects in conjunction with new street construction in anticipation of future growth and water needs.

According to the City's Urban Water Management Plan (UWMP), the City's projected water supply far exceeds the water demand for normal, single-dry, and multiple-dry years until at least 2040.[51] For example, during a normal year in 2020, the anticipated supply exceeds the anticipated demand by 55,351 acre-feet per year (af/yr). During a single-dry year in 2020, the anticipated supply exceeds the anticipated demand by 52,156 af/yr. During multiple dry years in 2020, the anticipated water supply exceeds the anticipated demand by 45,766 af/yr during the second dry year and 32,986 af/yr during the third dry year. According to the City's UWMP, the water consumption rate during 2015 was approximately 123 gallons per capita per day (gpcd). Given that the proposed project would result in approximately 164 residents, the proposed project would result in a demand of approximately 23 af/yr. The anticipated project demand of approximately 23

[51] City of Morgan Hill. *2015 Urban Water Management Plan* [pg. 7-4 to 7-7]. 2016.

af/yr is substantially less than the excess supply identified in the UWMP. Therefore, the proposed project would not require or result in the construction of new water treatment facilities or expansion of existing facilities, and sufficient water supplies would be available to serve the project from existing entitlements and resources.

Wastewater

The City of Morgan Hill sewer collection system consists of approximately 160 miles of gravity sewers, over 3,000 manholes, nearly 3 miles of force mains, and 14 lift stations. The sewer lines range in size from four inches to 30 inches in diameter and the piping system includes 26 siphons. The City's collection system moves the City's wastewater south to the South County Regional Wastewater Authority (SCRWA) Wastewater Treatment Facility (WWTF) located in southern Gilroy. SCRWA is a joint powers authority formed by the cities of Morgan Hill and Gilroy to collectively treat the wastewater of both cities.[52] The City of Morgan Hill has an allocation of 3.56 million gallons per day (MGD) from the WWTF. The average dry weather flow from the City of Morgan Hill was approximately 2.7 MGD in 2015.[53]

The proposed project would connect to existing sewer lines located within the site vicinity. Based on the current and projected sewage flows associated with the WWTF, the incremental increase in wastewater generation associated with the development of the proposed project would not require the construction of new or expansion of existing wastewater treatment facilities, as capacity is already sufficient to serve the proposed project.

Stormwater

Issues related to stormwater infrastructure are discussed in Section X, Hydrology and Water Quality, of this Initial Study. As noted therein, the proposed project would not significantly increase stormwater flows into the City's existing system. The final drainage system design for the project will be subject to review and approval by the City Engineer to confirm that the proposed drainage system for the project is consistent with the City's Storm Drainage Master Plan and standard stormwater-related conditions of approval. Therefore, the proposed project would not require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects.

Electricity, Natural Gas, and Telecommunications

Electricity service for the proposed project would be generated on-site by solar photovoltaic systems. It should be noted that the proposed project would not use natural gas, as natural gas is prohibited in all new construction effective March 1, 2020, pursuant to City Ordinance No. 2306. The project would not require major upgrades to, or extension of, existing infrastructure.

Conclusion

Based on the above, the increase in water demand and wastewater generation associated with the proposed project would not be considered substantial. In addition, the project is located within a developed urban area and would not require major expansion or extension

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52 City of Morgan Hill. *City Council Staff Report 2163, Accept Report Regarding Wastewater System Needs and Rate Study Schedule.* February 6, 2019.

53 City of Morgan Hill. *2035 General Plan Draft EIR*. January 2016.

of existing water, wastewater, electrical, or telecommunications facilities in the project area.

Therefore, the proposed project would not require or result in the relocation or construction of new or expanded water, wastewater treatment, stormwater, electric power, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects. Sufficient water supplies would be available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years. Furthermore, adequate wastewater capacity would be available to serve the project's projected demand. Thus, ***no impact*** would occur.

d,e. Recology South Valley provides solid waste and recycling services to the businesses and residents of the cities of Morgan Hill and Gilroy. Recology South Valley has contracted with the Salinas Valley Solid Waste Authority to dispose of municipal solid waste at Johnson Canyon Sanitary Landfill. Pursuant to the Landfill's current 2018 Solid Waste Facility (SWF) Permit, the Landfill has a maximum permitted tonnage limit of 1,574 tons per day, a remaining capacity of 6,923,297 cubic yards, and an estimated closure date of 2055. [54] For fiscal year 2018/2019, 225,784 tons of waste were disposed of at the Landfill.[55] The proposed project would not produce enough solid waste for the landfill to exceed capacity. As such, sufficient permitted capacity exists at the Johnson Canyon Sanitary Landfill to accommodate the proposed project's incremental increase in solid waste disposal needs. As such, the proposed project would comply with applicable federal, State, and local statutes and regulations related to solid waste. Therefore, the proposed project would have ***no impact*** related to solid waste.

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[54] California Department of Resources Recycling and Recovery (CalRecycle). *Facility/Site Summary Details: Johnson Canyon Sanitary Landfill (27-AA-0005)*. Available at: https://www2.calrecycle.ca.gov/swfacilities/Directory/27-AA-0005/. Accessed June 2020.

[55] Salinas Valley Solid Waste Authority. *2018-19 Annual Report.* October 14, 2019.

XX. WILDFIRE. *If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	✖
b. Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☐	✖
c. Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☐	✖
d. Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☐	✖

Discussion

a-d. The City's Wildland Urban Interface map indicates that the project site is not located in a High or Very High FHSZ.[56] Furthermore, CAL FIRE's Fire and Resource Assessment program indicates that the project site is not located in a High or Very High FHSZ.[57] The nearest High or Very High FHSZ is located approximately 0.1-mile to the west. The proposed project would be required to comply with all applicable requirements of the California Fire Code (CFC), as adopted by Chapter 15.44 of the City's Municipal Code, including installation of fire sprinkler systems. In addition, the CBSC includes requirements related to fire hazards for new residential buildings. In compliance with the CBSC (specifically Section 903.2.1.3, Group A-3), the design of the residences would include automatic fire sprinklers, and fire alarm systems would be incorporated pursuant to CFC requirements. Such features would help to address fire situations within the site, which would reduce the demand for fire protection services from the project site.

As noted in Section IX, implementation of the proposed project would not interfere with potential evacuation or response routes used by emergency response teams. The project would not conflict with the City's Emergency Operations Plan.[58] In addition, the project site is not located on a substantial slope, and the project area does not include any existing features that would substantially increase fire risk for future residents. Given that the project site is located within a developed urban area and is situated adjacent to existing roads, water lines, and other utilities, the proposed project would not result in substantial fire risks related to installation or maintenance of such infrastructure. Therefore, the proposed project would not be subject to substantial risks related to wildfires, and ***no impact*** would occur.

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56 City of Morgan Hill. *City of Morgan Hill Wildland Urban Interface Map.* March 2009.

57 California Department of Forestry and Fire Protection. *Morgan Hill, Very High Fire Hazard Severity Zones in LRA.* October 9, 2008.

58 City of Morgan Hill. *Emergency Operations Plan.* January 11, 2018.

XXI. MANDATORY FINDINGS OF SIGNIFICANCE.	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☐	☐	✖
b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	☐	☐	☐	✖
c. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☐	☐	✖

Discussion

a. As discussed in Section IV, Biological Resources, of this Initial Study, the proposed project would not result in any significant impacts to rare, threatened or endangered species. In addition, the site does not contain known historical or cultural resources. Although unlikely, the possibility exists that grading and other construction activities associated with the site could unearth deposits of cultural significance. However, this Initial Study explains how the City's Municipal Code requires standard measures for development projects that would ensure no impacts to such resources would occur. Therefore, the proposed project would result in ***no impact*** related to degradation of the quality of the environment, substantial reduction of habitat or plant and wildlife species, and elimination of important examples of the major periods of California history or prehistory.

b. As demonstrated in this Initial Study, the proposed project would not result in any significant environmental impacts, through compliance with applicable General Plan policies and Municipal Code standards, as well as other applicable local and State regulations. For this reason, as well as due to the project's relatively small increase in traffic, noise, air pollutant emissions, and demand for utilities and service systems, the project's incremental contribution towards cumulative impacts in the area would not be cumulatively considerable. Therefore, when viewed in conjunction with other closely related past, present, or reasonably foreseeable future projects, development of the proposed project would not substantially contribute to cumulative impacts in the City of Morgan Hill, and ***no impact*** would occur.

c. The project site would be developed in a generally urbanized and built-up area of the City of Morgan Hill. As discussed throughout this Initial Study, development of the proposed project would not result in substantial adverse impacts to human beings, either directly or indirectly. Specifically, as discussed in Section III, Air Quality, Section VIII, Greenhouse Gas Emissions, Section IX, Hazards and Hazardous Materials, Section XIII, Noise, and Section XVII, Transportation, of this Initial Study, the proposed project would not cause

substantial adverse effects to human beings, including effects related to exposure to air pollutants, GHG, hazardous materials, noise, and traffic. As such, ***no impact*** would result.

Appendix A

Air Quality and Greenhouse Gas Modeling Results

Morgan Hill Senior Housing

Bay Area AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Retirement Community	82.00	Dwelling Unit	1.56	69,239.00	235
Parking Lot	37.00	Space	0.33	14,800.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	64
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	269.5	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity factor updated per PG&E's RPS projections.

Land Use - Acreage adjusted per AQ Questionnaire.

Construction Phase - Phasing based on AQ Questionnaire.

Demolition -

Grading - Material import/export and total acres graded based on AQ Questionnaire.

Mobile Land Use Mitigation -

Energy Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

Vehicle Trips - Trip generation based on ITE Trip Generation Manual 10th edition (2017)

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	120.00
tblConstructionPhase	NumDays	200.00	120.00
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	4.00	30.00
tblConstructionPhase	NumDays	10.00	7.00
tblConstructionPhase	NumDays	2.00	6.00
tblConstructionPhase	PhaseEndDate	2/7/2022	11/10/2021
tblConstructionPhase	PhaseEndDate	1/10/2022	10/27/2021
tblConstructionPhase	PhaseEndDate	3/26/2021	3/12/2021
tblConstructionPhase	PhaseEndDate	4/5/2021	5/3/2021
tblConstructionPhase	PhaseEndDate	1/24/2022	5/12/2021
tblConstructionPhase	PhaseEndDate	3/30/2021	3/22/2021
tblConstructionPhase	PhaseStartDate	1/25/2022	5/27/2021
tblConstructionPhase	PhaseStartDate	4/6/2021	5/13/2021
tblConstructionPhase	PhaseStartDate	3/31/2021	3/23/2021

tblConstructionPhase	PhaseStartDate	1/11/2022	5/4/2021
tblConstructionPhase	PhaseStartDate	3/27/2021	3/13/2021
tblGrading	AcresOfGrading	11.25	2.33
tblGrading	AcresOfGrading	3.00	0.00
tblGrading	MaterialExported	0.00	446.00
tblGrading	MaterialExported	0.00	50.00
tblGrading	MaterialImported	0.00	4,435.00
tblLandUse	LandUseSquareFeet	82,000.00	69,239.00
tblLandUse	LotAcreage	16.40	1.56
tblProjectCharacteristics	CO2IntensityFactor	641.35	269.5
tblStationaryGeneratorsPumpsEF	CH4_EF	0.07	0.07
tblStationaryGeneratorsPumpsEF	ROG_EF	2.2480e-003	2.2477e-003
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	87.10
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	4.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblVehicleTrips	ST_TR	2.03	3.44
tblVehicleTrips	SU_TR	1.95	3.44
tblVehicleTrips	WD_TR	2.40	3.44

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.6692	1.4663	1.2500	2.7200e-003	0.1347	0.0659	0.2006	0.0593	0.0630	0.1224	0.0000	235.7332	235.7332	0.0348	0.0000	236.6021
Maximum	**0.6692**	**1.4663**	**1.2500**	**2.7200e-003**	**0.1347**	**0.0659**	**0.2006**	**0.0593**	**0.0630**	**0.1224**	**0.0000**	**235.7332**	**235.7332**	**0.0348**	**0.0000**	**236.6021**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.6692	1.4663	1.2500	2.7200e-003	0.1347	0.0659	0.2006	0.0593	0.0630	0.1224	0.0000	235.7330	235.7330	0.0348	0.0000	236.6019
Maximum	**0.6692**	**1.4663**	**1.2500**	**2.7200e-003**	**0.1347**	**0.0659**	**0.2006**	**0.0593**	**0.0630**	**0.1224**	**0.0000**	**235.7330**	**235.7330**	**0.0348**	**0.0000**	**236.6019**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**3-1-2021**	**5-31-2021**	0.6425	0.6425
2	**6-1-2021**	**8-31-2021**	0.8851	0.8851
3	**9-1-2021**	**9-30-2021**	0.2886	0.2886
		Highest	0.8851	0.8851

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.5281	0.0114	0.8704	5.5000e-004		0.0406	0.0406		0.0406	0.0406	3.7384	2.5308	6.2691	6.9700e-003	2.5000e-004	6.5164
Energy	4.5100e-003	0.0385	0.0164	2.5000e-004		3.1200e-003	3.1200e-003		3.1200e-003	3.1200e-003	0.0000	90.7657	90.7657	5.8200e-003	1.8500e-003	91.4612
Mobile	0.0700	0.3445	0.7855	2.8000e-003	0.2425	2.5400e-003	0.2450	0.0651	2.3800e-003	0.0675	0.0000	257.5139	257.5139	9.5100e-003	0.0000	257.7515
Stationary	2.9000e-004	9.3000e-004	1.0400e-003	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.1325	0.1325	2.0000e-005	0.0000	0.1330
Waste						0.0000	0.0000		0.0000	0.0000	7.6568	0.0000	7.6568	0.4525	0.0000	18.9695
Water						0.0000	0.0000		0.0000	0.0000	1.6950	4.9750	6.6700	0.1746	4.2200e-003	12.2936
Total	**0.6029**	**0.3953**	**1.6734**	**3.6000e-003**	**0.2425**	**0.0463**	**0.2888**	**0.0651**	**0.0462**	**0.1112**	**13.0902**	**355.9179**	**369.0080**	**0.6495**	**6.3200e-003**	**387.1251**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.5281	0.0114	0.8704	5.5000e-004		0.0406	0.0406		0.0406	0.0406	3.7384	2.5308	6.2691	6.9700e-003	2.5000e-004	6.5164
Energy	4.2900e-003	0.0367	0.0156	2.3000e-004		2.9700e-003	2.9700e-003		2.9700e-003	2.9700e-003	0.0000	18.1691	18.1691	-0.0018	2.4000e-004	18.1948
Mobile	0.0671	0.3230	0.7182	2.5000e-003	0.2139	2.2800e-003	0.2161	0.0574	2.1300e-003	0.0595	0.0000	229.3930	229.3930	8.7200e-003	0.0000	229.6110
Stationary	2.9000e-004	9.3000e-004	1.0400e-003	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.1325	0.1325	2.0000e-005	0.0000	0.1330
Waste						0.0000	0.0000		0.0000	0.0000	7.6568	0.0000	7.6568	0.4525	0.0000	18.9695
Water						0.0000	0.0000		0.0000	0.0000	1.3560	4.2682	5.6242	0.1397	3.3800e-003	10.1258
Total	**0.5997**	**0.3720**	**1.6052**	**3.2800e-003**	**0.2139**	**0.0459**	**0.2598**	**0.0574**	**0.0458**	**0.1032**	**12.7512**	**254.4935**	**267.2447**	**0.6062**	**3.8700e-003**	**283.5504**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.52**	**5.90**	**4.07**	**8.89**	**11.80**	**0.89**	**10.05**	**11.80**	**0.87**	**7.26**	**2.59**	**28.50**	**27.58**	**6.67**	**38.77**	**26.75**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2021	3/12/2021	5	10	
2	Site Preparation	Site Preparation	3/13/2021	3/22/2021	5	6	
3	Grading	Grading	3/23/2021	5/3/2021	5	30	
4	Building Construction	Building Construction	5/13/2021	10/27/2021	5	120	
5	Paving	Paving	5/4/2021	5/12/2021	5	7	
6	Architectural Coating	Architectural Coating	5/27/2021	11/10/2021	5	120	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 2.33

Acres of Paving: 0.33

Residential Indoor: 140,209; Residential Outdoor: 46,736; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 888 (Architectural Coating – sqft)

<u>OffRoad Equipment</u>

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	9.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	6.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	610.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	65.00	11.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					9.8000e-004	0.0000	9.8000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.9700e-003	0.0985	0.0725	1.2000e-004		5.2000e-003	5.2000e-003		4.8600e-003	4.8600e-003	0.0000	10.5357	10.5357	2.6900e-003	0.0000	10.6030
Total	**9.9700e-003**	**0.0985**	**0.0725**	**1.2000e-004**	**9.8000e-004**	**5.2000e-003**	**6.1800e-003**	**1.5000e-004**	**4.8600e-003**	**5.0100e-003**	**0.0000**	**10.5357**	**10.5357**	**2.6900e-003**	**0.0000**	**10.6030**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-005	1.2100e-003	2.6000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.3404	0.3404	2.0000e-005	0.0000	0.3409
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-004	1.4000e-004	1.4600e-003	0.0000	5.1000e-004	0.0000	5.2000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4342	0.4342	1.0000e-005	0.0000	0.4344
Total	**2.4000e-004**	**1.3500e-003**	**1.7200e-003**	**0.0000**	**5.9000e-004**	**0.0000**	**6.0000e-004**	**1.6000e-004**	**0.0000**	**1.6000e-004**	**0.0000**	**0.7746**	**0.7746**	**3.0000e-005**	**0.0000**	**0.7753**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					9.8000e-004	0.0000	9.8000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.9600e-003	0.0985	0.0725	1.2000e-004		5.2000e-003	5.2000e-003		4.8600e-003	4.8600e-003	0.0000	10.5357	10.5357	2.6900e-003	0.0000	10.6030
Total	**9.9600e-003**	**0.0985**	**0.0725**	**1.2000e-004**	**9.8000e-004**	**5.2000e-003**	**6.1800e-003**	**1.5000e-004**	**4.8600e-003**	**5.0100e-003**	**0.0000**	**10.5357**	**10.5357**	**2.6900e-003**	**0.0000**	**10.6030**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-005	1.2100e-003	2.6000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.3404	0.3404	2.0000e-005	0.0000	0.3409
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-004	1.4000e-004	1.4600e-003	0.0000	5.1000e-004	0.0000	5.2000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4342	0.4342	1.0000e-005	0.0000	0.4344
Total	**2.4000e-004**	**1.3500e-003**	**1.7200e-003**	**0.0000**	**5.9000e-004**	**0.0000**	**6.0000e-004**	**1.6000e-004**	**0.0000**	**1.6000e-004**	**0.0000**	**0.7746**	**0.7746**	**3.0000e-005**	**0.0000**	**0.7753**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0158	0.0000	0.0158	8.6900e-003	0.0000	8.6900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6700e-003	0.0523	0.0227	5.0000e-005		2.3000e-003	2.3000e-003		2.1100e-003	2.1100e-003	0.0000	4.5355	4.5355	1.4700e-003	0.0000	4.5722
Total	**4.6700e-003**	**0.0523**	**0.0227**	**5.0000e-005**	**0.0158**	**2.3000e-003**	**0.0181**	**8.6900e-003**	**2.1100e-003**	**0.0108**	**0.0000**	**4.5355**	**4.5355**	**1.4700e-003**	**0.0000**	**4.5722**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	8.1000e-004	1.7000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.2270	0.2270	1.0000e-005	0.0000	0.2273
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	5.0000e-005	5.4000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1603	0.1603	0.0000	0.0000	0.1604
Total	**9.0000e-005**	**8.6000e-004**	**7.1000e-004**	**0.0000**	**2.4000e-004**	**0.0000**	**2.4000e-004**	**6.0000e-005**	**0.0000**	**7.0000e-005**	**0.0000**	**0.3873**	**0.3873**	**1.0000e-005**	**0.0000**	**0.3877**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0158	0.0000	0.0158	8.6900e-003	0.0000	8.6900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6700e-003	0.0523	0.0227	5.0000e-005		2.3000e-003	2.3000e-003		2.1100e-003	2.1100e-003	0.0000	4.5355	4.5355	1.4700e-003	0.0000	4.5722
Total	**4.6700e-003**	**0.0523**	**0.0227**	**5.0000e-005**	**0.0158**	**2.3000e-003**	**0.0181**	**8.6900e-003**	**2.1100e-003**	**0.0108**	**0.0000**	**4.5355**	**4.5355**	**1.4700e-003**	**0.0000**	**4.5722**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	8.1000e-004	1.7000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.2270	0.2270	1.0000e-005	0.0000	0.2273
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	5.0000e-005	5.4000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1603	0.1603	0.0000	0.0000	0.1604
Total	**9.0000e-005**	**8.6000e-004**	**7.1000e-004**	**0.0000**	**2.4000e-004**	**0.0000**	**2.4000e-004**	**6.0000e-005**	**0.0000**	**7.0000e-005**	**0.0000**	**0.3873**	**0.3873**	**1.0000e-005**	**0.0000**	**0.3877**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0693	0.0000	0.0693	0.0374	0.0000	0.0374	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0193	0.2150	0.0950	2.1000e-004		9.5700e-003	9.5700e-003		8.8000e-003	8.8000e-003	0.0000	18.5755	18.5755	6.0100e-003	0.0000	18.7257
Total	**0.0193**	**0.2150**	**0.0950**	**2.1000e-004**	**0.0693**	**9.5700e-003**	**0.0788**	**0.0374**	**8.8000e-003**	**0.0462**	**0.0000**	**18.5755**	**18.5755**	**6.0100e-003**	**0.0000**	**18.7257**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4000e-003	0.0823	0.0175	2.4000e-004	5.1500e-003	2.5000e-004	5.4100e-003	1.4200e-003	2.4000e-004	1.6600e-003	0.0000	23.0746	23.0746	1.1800e-003	0.0000	23.1040
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.5000e-004	2.6900e-003	1.0000e-005	9.5000e-004	1.0000e-005	9.5000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	0.8016	0.8016	2.0000e-005	0.0000	0.8020
Total	**2.7700e-003**	**0.0826**	**0.0202**	**2.5000e-004**	**6.1000e-003**	**2.6000e-004**	**6.3600e-003**	**1.6700e-003**	**2.5000e-004**	**1.9200e-003**	**0.0000**	**23.8762**	**23.8762**	**1.2000e-003**	**0.0000**	**23.9060**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0693	0.0000	0.0693	0.0374	0.0000	0.0374	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0193	0.2150	0.0950	2.1000e-004		9.5700e-003	9.5700e-003		8.8000e-003	8.8000e-003	0.0000	18.5755	18.5755	6.0100e-003	0.0000	18.7257
Total	**0.0193**	**0.2150**	**0.0950**	**2.1000e-004**	**0.0693**	**9.5700e-003**	**0.0788**	**0.0374**	**8.8000e-003**	**0.0462**	**0.0000**	**18.5755**	**18.5755**	**6.0100e-003**	**0.0000**	**18.7257**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4000e-003	0.0823	0.0175	2.4000e-004	5.1500e-003	2.5000e-004	5.4100e-003	1.4200e-003	2.4000e-004	1.6600e-003	0.0000	23.0746	23.0746	1.1800e-003	0.0000	23.1040
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.5000e-004	2.6900e-003	1.0000e-005	9.5000e-004	1.0000e-005	9.5000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	0.8016	0.8016	2.0000e-005	0.0000	0.8020
Total	**2.7700e-003**	**0.0826**	**0.0202**	**2.5000e-004**	**6.1000e-003**	**2.6000e-004**	**6.3600e-003**	**1.6700e-003**	**2.5000e-004**	**1.9200e-003**	**0.0000**	**23.8762**	**23.8762**	**1.2000e-003**	**0.0000**	**23.9060**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1088	0.8182	0.7740	1.3200e-003		0.0411	0.0411		0.0397	0.0397	0.0000	108.9286	108.9286	0.0195	0.0000	109.4147
Total	**0.1088**	**0.8182**	**0.7740**	**1.3200e-003**		**0.0411**	**0.0411**		**0.0397**	**0.0397**	**0.0000**	**108.9286**	**108.9286**	**0.0195**	**0.0000**	**109.4147**

3.5 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-003	0.0689	0.0172	1.8000e-004	4.3300e-003	1.5000e-004	4.4800e-003	1.2500e-003	1.4000e-004	1.4000e-003	0.0000	17.1167	17.1167	8.4000e-004	0.0000	17.1377
Worker	0.0120	8.2600e-003	0.0875	2.9000e-004	0.0308	2.0000e-004	0.0310	8.2000e-003	1.9000e-004	8.3800e-003	0.0000	26.0516	26.0516	5.8000e-004	0.0000	26.0662
Total	**0.0141**	**0.0772**	**0.1047**	**4.7000e-004**	**0.0352**	**3.5000e-004**	**0.0355**	**9.4500e-003**	**3.3000e-004**	**9.7800e-003**	**0.0000**	**43.1683**	**43.1683**	**1.4200e-003**	**0.0000**	**43.2040**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1088	0.8182	0.7740	1.3200e-003		0.0411	0.0411		0.0397	0.0397	0.0000	108.9285	108.9285	0.0195	0.0000	109.4146
Total	**0.1088**	**0.8182**	**0.7740**	**1.3200e-003**		**0.0411**	**0.0411**		**0.0397**	**0.0397**	**0.0000**	**108.9285**	**108.9285**	**0.0195**	**0.0000**	**109.4146**

3.5 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-003	0.0689	0.0172	1.8000e-004	4.3300e-003	1.5000e-004	4.4800e-003	1.2500e-003	1.4000e-004	1.4000e-003	0.0000	17.1167	17.1167	8.4000e-004	0.0000	17.1377
Worker	0.0120	8.2600e-003	0.0875	2.9000e-004	0.0308	2.0000e-004	0.0310	8.2000e-003	1.9000e-004	8.3800e-003	0.0000	26.0516	26.0516	5.8000e-004	0.0000	26.0662
Total	**0.0141**	**0.0772**	**0.1047**	**4.7000e-004**	**0.0352**	**3.5000e-004**	**0.0355**	**9.4500e-003**	**3.3000e-004**	**9.7800e-003**	**0.0000**	**43.1683**	**43.1683**	**1.4200e-003**	**0.0000**	**43.2040**

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.7100e-003	0.0271	0.0310	5.0000e-005		1.4500e-003	1.4500e-003		1.3400e-003	1.3400e-003	0.0000	4.1177	4.1177	1.3100e-003	0.0000	4.1504
Paving	4.3000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.1400e-003**	**0.0271**	**0.0310**	**5.0000e-005**		**1.4500e-003**	**1.4500e-003**		**1.3400e-003**	**1.3400e-003**	**0.0000**	**4.1177**	**4.1177**	**1.3100e-003**	**0.0000**	**4.1504**

3.6 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4000e-004	1.0000e-004	1.0200e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3039	0.3039	1.0000e-005	0.0000	0.3041
Total	**1.4000e-004**	**1.0000e-004**	**1.0200e-003**	**0.0000**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.3039**	**0.3039**	**1.0000e-005**	**0.0000**	**0.3041**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.7100e-003	0.0271	0.0310	5.0000e-005		1.4500e-003	1.4500e-003		1.3400e-003	1.3400e-003	0.0000	4.1177	4.1177	1.3100e-003	0.0000	4.1504
Paving	4.3000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.1400e-003**	**0.0271**	**0.0310**	**5.0000e-005**		**1.4500e-003**	**1.4500e-003**		**1.3400e-003**	**1.3400e-003**	**0.0000**	**4.1177**	**4.1177**	**1.3100e-003**	**0.0000**	**4.1504**

3.6 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4000e-004	1.0000e-004	1.0200e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3039	0.3039	1.0000e-005	0.0000	0.3041
Total	**1.4000e-004**	**1.0000e-004**	**1.0200e-003**	**0.0000**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.3039**	**0.3039**	**1.0000e-005**	**0.0000**	**0.3041**

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4905					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0131	0.0916	0.1091	1.8000e-004		5.6500e-003	5.6500e-003		5.6500e-003	5.6500e-003	0.0000	15.3195	15.3195	1.0500e-003	0.0000	15.3458
Total	**0.5036**	**0.0916**	**0.1091**	**1.8000e-004**		**5.6500e-003**	**5.6500e-003**		**5.6500e-003**	**5.6500e-003**	**0.0000**	**15.3195**	**15.3195**	**1.0500e-003**	**0.0000**	**15.3458**

3.7 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3900e-003	1.6500e-003	0.0175	6.0000e-005	6.1600e-003	4.0000e-005	6.2000e-003	1.6400e-003	4.0000e-005	1.6800e-003	0.0000	5.2103	5.2103	1.2000e-004	0.0000	5.2132
Total	**2.3900e-003**	**1.6500e-003**	**0.0175**	**6.0000e-005**	**6.1600e-003**	**4.0000e-005**	**6.2000e-003**	**1.6400e-003**	**4.0000e-005**	**1.6800e-003**	**0.0000**	**5.2103**	**5.2103**	**1.2000e-004**	**0.0000**	**5.2132**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4905					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0131	0.0916	0.1091	1.8000e-004		5.6500e-003	5.6500e-003		5.6500e-003	5.6500e-003	0.0000	15.3195	15.3195	1.0500e-003	0.0000	15.3458
Total	**0.5036**	**0.0916**	**0.1091**	**1.8000e-004**		**5.6500e-003**	**5.6500e-003**		**5.6500e-003**	**5.6500e-003**	**0.0000**	**15.3195**	**15.3195**	**1.0500e-003**	**0.0000**	**15.3458**

3.7 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3900e-003	1.6500e-003	0.0175	6.0000e-005	6.1600e-003	4.0000e-005	6.2000e-003	1.6400e-003	4.0000e-005	1.6800e-003	0.0000	5.2103	5.2103	1.2000e-004	0.0000	5.2132
Total	**2.3900e-003**	**1.6500e-003**	**0.0175**	**6.0000e-005**	**6.1600e-003**	**4.0000e-005**	**6.2000e-003**	**1.6400e-003**	**4.0000e-005**	**1.6800e-003**	**0.0000**	**5.2103**	**5.2103**	**1.2000e-004**	**0.0000**	**5.2132**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Transit Accessibility

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0671	0.3230	0.7182	2.5000e-003	0.2139	2.2800e-003	0.2161	0.0574	2.1300e-003	0.0595	0.0000	229.3930	229.3930	8.7200e-003	0.0000	229.6110
Unmitigated	0.0700	0.3445	0.7855	2.8000e-003	0.2425	2.5400e-003	0.2450	0.0651	2.3800e-003	0.0675	0.0000	257.5139	257.5139	9.5100e-003	0.0000	257.7515

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Retirement Community	282.08	282.08	282.08	651,494	574,618
Parking Lot	0.00	0.00	0.00		
Total	282.08	282.08	282.08	651,494	574,618

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Retirement Community	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Retirement Community	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Parking Lot	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Kilowatt Hours of Renewable Electricity Generated

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	-24.3018	-24.3018	-0.0026	-0.0005	-24.5284
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	46.1373	46.1373	4.9600e-003	1.0300e-003	46.5675
NaturalGas Mitigated	4.2900e-003	0.0367	0.0156	2.3000e-004		2.9700e-003	2.9700e-003		2.9700e-003	2.9700e-003	0.0000	42.4709	42.4709	8.1000e-004	7.8000e-004	42.7233
NaturalGas Unmitigated	4.5100e-003	0.0385	0.0164	2.5000e-004		3.1200e-003	3.1200e-003		3.1200e-003	3.1200e-003	0.0000	44.6285	44.6285	8.6000e-004	8.2000e-004	44.8937

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	836306	4.5100e-003	0.0385	0.0164	2.5000e-004		3.1200e-003	3.1200e-003		3.1200e-003	3.1200e-003	0.0000	44.6285	44.6285	8.6000e-004	8.2000e-004	44.8937
Total		**4.5100e-003**	**0.0385**	**0.0164**	**2.5000e-004**		**3.1200e-003**	**3.1200e-003**		**3.1200e-003**	**3.1200e-003**	**0.0000**	**44.6285**	**44.6285**	**8.6000e-004**	**8.2000e-004**	**44.8937**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	795874	4.2900e-003	0.0367	0.0156	2.3000e-004		2.9700e-003	2.9700e-003		2.9700e-003	2.9700e-003	0.0000	42.4709	42.4709	8.1000e-004	7.8000e-004	42.7233
Total		**4.2900e-003**	**0.0367**	**0.0156**	**2.3000e-004**		**2.9700e-003**	**2.9700e-003**		**2.9700e-003**	**2.9700e-003**	**0.0000**	**42.4709**	**42.4709**	**8.1000e-004**	**7.8000e-004**	**42.7233**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Parking Lot	5180	0.6332	7.0000e-005	1.0000e-005	0.6391
Retirement Community	372242	45.5041	4.9000e-003	1.0100e-003	45.9284
Total		**46.1373**	**4.9700e-003**	**1.0200e-003**	**46.5675**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Parking Lot	-99399.5	-12.1509	-0.0013	-0.0003	-12.2642
Retirement Community	-99399.5	-12.1509	-0.0013	-0.0003	-12.2642
Total		**-24.3018**	**-0.0026**	**-0.0005**	**-24.5284**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.5281	0.0114	0.8704	5.5000e-004		0.0406	0.0406		0.0406	0.0406	3.7384	2.5308	6.2691	6.9700e-003	2.5000e-004	6.5164
Unmitigated	0.5281	0.0114	0.8704	5.5000e-004		0.0406	0.0406		0.0406	0.0406	3.7384	2.5308	6.2691	6.9700e-003	2.5000e-004	6.5164

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0491					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2714					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1892	4.3500e-003	0.2605	5.2000e-004		0.0373	0.0373		0.0373	0.0373	3.7384	1.5355	5.2739	6.0100e-003	2.5000e-004	5.4971
Landscaping	0.0184	7.0300e-003	0.6099	3.0000e-005		3.3700e-003	3.3700e-003		3.3700e-003	3.3700e-003	0.0000	0.9952	0.9952	9.6000e-004	0.0000	1.0193
Total	**0.5281**	**0.0114**	**0.8704**	**5.5000e-004**		**0.0406**	**0.0406**		**0.0406**	**0.0406**	**3.7384**	**2.5307**	**6.2691**	**6.9700e-003**	**2.5000e-004**	**6.5164**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0491					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2714					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1892	4.3500e-003	0.2605	5.2000e-004		0.0373	0.0373		0.0373	0.0373	3.7384	1.5355	5.2739	6.0100e-003	2.5000e-004	5.4971
Landscaping	0.0184	7.0300e-003	0.6099	3.0000e-005		3.3700e-003	3.3700e-003		3.3700e-003	3.3700e-003	0.0000	0.9952	0.9952	9.6000e-004	0.0000	1.0193
Total	**0.5281**	**0.0114**	**0.8704**	**5.5000e-004**		**0.0406**	**0.0406**		**0.0406**	**0.0406**	**3.7384**	**2.5307**	**6.2691**	**6.9700e-003**	**2.5000e-004**	**6.5164**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	5.6242	0.1397	3.3800e-003	10.1258
Unmitigated	6.6700	0.1746	4.2200e-003	12.2936

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Retirement Community	5.34263 / 3.36818	6.6700	0.1746	4.2200e-003	12.2936
Total		**6.6700**	**0.1746**	**4.2200e-003**	**12.2936**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Retirement Community	4.2741 / 3.36818	5.6242	0.1397	3.3800e-003	10.1258
Total		**5.6242**	**0.1397**	**3.3800e-003**	**10.1258**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	7.6568	0.4525	0.0000	18.9695
Unmitigated	7.6568	0.4525	0.0000	18.9695

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Retirement Community	37.72	7.6568	0.4525	0.0000	18.9695
Total		**7.6568**	**0.4525**	**0.0000**	**18.9695**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Retirement Community	37.72	7.6568	0.4525	0.0000	18.9695
Total		**7.6568**	**0.4525**	**0.0000**	**18.9695**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	4	87.1	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (75 - 100 HP)	2.9000e-004	9.3000e-004	1.0400e-003	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.1325	0.1325	2.0000e-005	0.0000	0.1330
Total	**2.9000e-004**	**9.3000e-004**	**1.0400e-003**	**0.0000**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.1325**	**0.1325**	**2.0000e-005**	**0.0000**	**0.1330**

11.0 Vegetation

Morgan Hill Senior Housing

Bay Area AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Retirement Community	82.00	Dwelling Unit	1.56	69,239.00	235
Parking Lot	37.00	Space	0.33	14,800.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	64
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	269.5	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity factor updated per PG&E's RPS projections.

Land Use - Acreage adjusted per AQ Questionnaire.

Construction Phase - Phasing based on AQ Questionnaire.

Demolition -

Grading - Material import/export and total acres graded based on AQ Questionnaire.

Mobile Land Use Mitigation -

Energy Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

Vehicle Trips - Trip generation based on ITE Trip Generation Manual 10th edition (2017)

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	120.00
tblConstructionPhase	NumDays	200.00	120.00
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	4.00	30.00
tblConstructionPhase	NumDays	10.00	7.00
tblConstructionPhase	NumDays	2.00	6.00
tblConstructionPhase	PhaseEndDate	2/7/2022	11/10/2021
tblConstructionPhase	PhaseEndDate	1/10/2022	10/27/2021
tblConstructionPhase	PhaseEndDate	3/26/2021	3/12/2021
tblConstructionPhase	PhaseEndDate	4/5/2021	5/3/2021
tblConstructionPhase	PhaseEndDate	1/24/2022	5/12/2021
tblConstructionPhase	PhaseEndDate	3/30/2021	3/22/2021
tblConstructionPhase	PhaseStartDate	1/25/2022	5/27/2021
tblConstructionPhase	PhaseStartDate	4/6/2021	5/13/2021
tblConstructionPhase	PhaseStartDate	3/31/2021	3/23/2021

tblConstructionPhase	PhaseStartDate	1/11/2022	5/4/2021
tblConstructionPhase	PhaseStartDate	3/27/2021	3/13/2021
tblGrading	AcresOfGrading	11.25	2.33
tblGrading	AcresOfGrading	3.00	0.00
tblGrading	MaterialExported	0.00	446.00
tblGrading	MaterialExported	0.00	50.00
tblGrading	MaterialImported	0.00	4,435.00
tblLandUse	LandUseSquareFeet	82,000.00	69,239.00
tblLandUse	LotAcreage	16.40	1.56
tblProjectCharacteristics	CO2IntensityFactor	641.35	269.5
tblStationaryGeneratorsPumpsEF	CH4_EF	0.07	0.07
tblStationaryGeneratorsPumpsEF	ROG_EF	2.2480e-003	2.2477e-003
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	87.10
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	4.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblVehicleTrips	ST_TR	2.03	3.44
tblVehicleTrips	SU_TR	1.95	3.44
tblVehicleTrips	WD_TR	2.40	3.44

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	10.4911	19.9592	16.9009	0.0342	5.3535	1.0423	6.1201	2.9188	0.9728	3.6241	0.0000	3,218.2509	3,218.2509	0.6000	0.0000	3,228.3836
Maximum	**10.4911**	**19.9592**	**16.9009**	**0.0342**	**5.3535**	**1.0423**	**6.1201**	**2.9188**	**0.9728**	**3.6241**	**0.0000**	**3,218.2509**	**3,218.2509**	**0.6000**	**0.0000**	**3,228.3836**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	10.4911	19.9592	16.9009	0.0342	5.3535	1.0423	6.1201	2.9188	0.9728	3.6241	0.0000	3,218.2509	3,218.2509	0.6000	0.0000	3,228.3836
Maximum	**10.4911**	**19.9592**	**16.9009**	**0.0342**	**5.3535**	**1.0423**	**6.1201**	**2.9188**	**0.9728**	**3.6241**	**0.0000**	**3,218.2509**	**3,218.2509**	**0.6000**	**0.0000**	**3,228.3836**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	35.6840	0.8237	51.3314	0.0862		6.3627	6.3627		6.3627	6.3627	686.4094	316.0718	1,002.4811	0.9511	0.0485	1,040.7165
Energy	0.0247	0.2112	0.0899	1.3500e-003		0.0171	0.0171		0.0171	0.0171		269.5587	269.5587	5.1700e-003	4.9400e-003	271.1605
Mobile	0.4408	1.8364	4.4847	0.0163	1.3841	0.0140	1.3981	0.3703	0.0131	0.3834		1,650.2346	1,650.2346	0.0579		1,651.6813
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**36.1495**	**2.8712**	**55.9059**	**0.1039**	**1.3841**	**6.3937**	**7.7778**	**0.3703**	**6.3928**	**6.7631**	**686.4094**	**2,235.8650**	**2,922.2744**	**1.0141**	**0.0535**	**2,963.5584**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	35.6840	0.8237	51.3314	0.0862		6.3627	6.3627		6.3627	6.3627	686.4094	316.0718	1,002.4811	0.9511	0.0485	1,040.7165
Energy	0.0235	0.2010	0.0855	1.2800e-003		0.0163	0.0163		0.0163	0.0163		256.5267	256.5267	4.9200e-003	4.7000e-003	258.0511
Mobile	0.4242	1.7254	4.0669	0.0145	1.2208	0.0125	1.2333	0.3266	0.0117	0.3383		1,469.7739	1,469.7739	0.0529		1,471.0963
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**36.1317**	**2.7500**	**55.4838**	**0.1020**	**1.2208**	**6.3914**	**7.6122**	**0.3266**	**6.3906**	**6.7173**	**686.4094**	**2,042.3723**	**2,728.7817**	**1.0089**	**0.0532**	**2,769.8639**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.05**	**4.22**	**0.76**	**1.78**	**11.80**	**0.04**	**2.13**	**11.80**	**0.03**	**0.68**	**0.00**	**8.65**	**6.62**	**0.51**	**0.45**	**6.54**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2021	3/12/2021	5	10	
2	Site Preparation	Site Preparation	3/13/2021	3/22/2021	5	6	
3	Grading	Grading	3/23/2021	5/3/2021	5	30	
4	Building Construction	Building Construction	5/13/2021	10/27/2021	5	120	
5	Paving	Paving	5/4/2021	5/12/2021	5	7	
6	Architectural Coating	Architectural Coating	5/27/2021	11/10/2021	5	120	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 2.33

Acres of Paving: 0.33

Residential Indoor: 140,209; Residential Outdoor: 46,736; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 888 (Architectural Coating – sqft)

<u>OffRoad Equipment</u>

Morgan Hill Senior Housing - Bay Area AQMD Air District, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	9.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	6.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	610.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	65.00	11.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1969	0.0000	0.1969	0.0298	0.0000	0.0298			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658
Total	**1.9930**	**19.6966**	**14.4925**	**0.0241**	**0.1969**	**1.0409**	**1.2378**	**0.0298**	**0.9715**	**1.0013**		**2,322.7171**	**2,322.7171**	**0.5940**		**2,337.5658**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.0100e-003	0.2381	0.0502	7.1000e-004	0.0157	7.5000e-004	0.0165	4.3100e-003	7.1000e-004	5.0200e-003		75.5919	75.5919	3.7500e-003		75.6857
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0418	0.0244	0.3193	1.0300e-003	0.1068	6.7000e-004	0.1075	0.0283	6.2000e-004	0.0290		102.9547	102.9547	2.3000e-003		103.0123
Total	**0.0488**	**0.2626**	**0.3695**	**1.7400e-003**	**0.1225**	**1.4200e-003**	**0.1239**	**0.0326**	**1.3300e-003**	**0.0340**		**178.5466**	**178.5466**	**6.0500e-003**		**178.6979**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1969	0.0000	0.1969	0.0298	0.0000	0.0298			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658
Total	**1.9930**	**19.6966**	**14.4925**	**0.0241**	**0.1969**	**1.0409**	**1.2378**	**0.0298**	**0.9715**	**1.0013**	**0.0000**	**2,322.7171**	**2,322.7171**	**0.5940**		**2,337.5658**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.0100e-003	0.2381	0.0502	7.1000e-004	0.0157	7.5000e-004	0.0165	4.3100e-003	7.1000e-004	5.0200e-003		75.5919	75.5919	3.7500e-003		75.6857
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0418	0.0244	0.3193	1.0300e-003	0.1068	6.7000e-004	0.1075	0.0283	6.2000e-004	0.0290		102.9547	102.9547	2.3000e-003		103.0123
Total	**0.0488**	**0.2626**	**0.3695**	**1.7400e-003**	**0.1225**	**1.4200e-003**	**0.1239**	**0.0326**	**1.3300e-003**	**0.0340**		**178.5466**	**178.5466**	**6.0500e-003**		**178.6979**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2703	0.0000	5.2703	2.8966	0.0000	2.8966			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041		1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**1.5558**	**17.4203**	**7.5605**	**0.0172**	**5.2703**	**0.7654**	**6.0356**	**2.8966**	**0.7041**	**3.6007**		**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.7900e-003	0.2646	0.0558	7.8000e-004	0.0175	8.3000e-004	0.0183	4.7900e-003	7.9000e-004	5.5800e-003		83.9910	83.9910	4.1700e-003		84.0952
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0257	0.0150	0.1965	6.4000e-004	0.0657	4.1000e-004	0.0661	0.0174	3.8000e-004	0.0178		63.3568	63.3568	1.4200e-003		63.3922
Total	**0.0335**	**0.2796**	**0.2523**	**1.4200e-003**	**0.0832**	**1.2400e-003**	**0.0844**	**0.0222**	**1.1700e-003**	**0.0234**		**147.3477**	**147.3477**	**5.5900e-003**		**147.4873**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2703	0.0000	5.2703	2.8966	0.0000	2.8966			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041	0.0000	1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**1.5558**	**17.4203**	**7.5605**	**0.0172**	**5.2703**	**0.7654**	**6.0356**	**2.8966**	**0.7041**	**3.6007**	**0.0000**	**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.7900e-003	0.2646	0.0558	7.8000e-004	0.0175	8.3000e-004	0.0183	4.7900e-003	7.9000e-004	5.5800e-003		83.9910	83.9910	4.1700e-003		84.0952
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0257	0.0150	0.1965	6.4000e-004	0.0657	4.1000e-004	0.0661	0.0174	3.8000e-004	0.0178		63.3568	63.3568	1.4200e-003		63.3922
Total	**0.0335**	**0.2796**	**0.2523**	**1.4200e-003**	**0.0832**	**1.2400e-003**	**0.0844**	**0.0222**	**1.1700e-003**	**0.0234**		**147.3477**	**147.3477**	**5.5900e-003**		**147.4873**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.6173	0.0000	4.6173	2.4944	0.0000	2.4944			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869		1,365.0648	1,365.0648	0.4415		1,376.1020
Total	**1.2884**	**14.3307**	**6.3314**	**0.0141**	**4.6173**	**0.6379**	**5.2552**	**2.4944**	**0.5869**	**3.0812**		**1,365.0648**	**1,365.0648**	**0.4415**		**1,376.1020**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1584	5.3802	1.1342	0.0160	0.3552	0.0169	0.3721	0.0974	0.0161	0.1135		1,707.8164	1,707.8164	0.0848		1,709.9351
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0257	0.0150	0.1965	6.4000e-004	0.0657	4.1000e-004	0.0661	0.0174	3.8000e-004	0.0178		63.3568	63.3568	1.4200e-003		63.3922
Total	**0.1841**	**5.3952**	**1.3307**	**0.0166**	**0.4210**	**0.0173**	**0.4382**	**0.1148**	**0.0165**	**0.1313**		**1,771.1732**	**1,771.1732**	**0.0862**		**1,773.3272**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.6173	0.0000	4.6173	2.4944	0.0000	2.4944			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869	0.0000	1,365.0648	1,365.0648	0.4415		1,376.1020
Total	**1.2884**	**14.3307**	**6.3314**	**0.0141**	**4.6173**	**0.6379**	**5.2552**	**2.4944**	**0.5869**	**3.0812**	**0.0000**	**1,365.0648**	**1,365.0648**	**0.4415**		**1,376.1020**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1584	5.3802	1.1342	0.0160	0.3552	0.0169	0.3721	0.0974	0.0161	0.1135		1,707.8164	1,707.8164	0.0848		1,709.9351
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0257	0.0150	0.1965	6.4000e-004	0.0657	4.1000e-004	0.0661	0.0174	3.8000e-004	0.0178		63.3568	63.3568	1.4200e-003		63.3922
Total	**0.1841**	**5.3952**	**1.3307**	**0.0166**	**0.4210**	**0.0173**	**0.4382**	**0.1148**	**0.0165**	**0.1313**		**1,771.1732**	**1,771.1732**	**0.0862**		**1,773.3272**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608		2,001.2200	2,001.2200	0.3573		2,010.1517
Total	**1.8125**	**13.6361**	**12.8994**	**0.0221**		**0.6843**	**0.6843**		**0.6608**	**0.6608**		**2,001.2200**	**2,001.2200**	**0.3573**		**2,010.1517**

3.5 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0341	1.1368	0.2681	3.0000e-003	0.0745	2.4600e-003	0.0769	0.0214	2.3600e-003	0.0238		317.8544	317.8544	0.0149		318.2274
Worker	0.2090	0.1222	1.5966	5.1600e-003	0.5340	3.3600e-003	0.5373	0.1416	3.0900e-003	0.1447		514.7737	514.7737	0.0115		515.0614
Total	**0.2431**	**1.2589**	**1.8647**	**8.1600e-003**	**0.6084**	**5.8200e-003**	**0.6142**	**0.1631**	**5.4500e-003**	**0.1685**		**832.6281**	**832.6281**	**0.0264**		**833.2887**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608	0.0000	2,001.2200	2,001.2200	0.3573		2,010.1517
Total	**1.8125**	**13.6361**	**12.8994**	**0.0221**		**0.6843**	**0.6843**		**0.6608**	**0.6608**	**0.0000**	**2,001.2200**	**2,001.2200**	**0.3573**		**2,010.1517**

3.5 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0341	1.1368	0.2681	3.0000e-003	0.0745	2.4600e-003	0.0769	0.0214	2.3600e-003	0.0238		317.8544	317.8544	0.0149		318.2274
Worker	0.2090	0.1222	1.5966	5.1600e-003	0.5340	3.3600e-003	0.5373	0.1416	3.0900e-003	0.1447		514.7737	514.7737	0.0115		515.0614
Total	**0.2431**	**1.2589**	**1.8647**	**8.1600e-003**	**0.6084**	**5.8200e-003**	**0.6142**	**0.1631**	**5.4500e-003**	**0.1685**		**832.6281**	**832.6281**	**0.0264**		**833.2887**

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7739	7.7422	8.8569	0.0135		0.4153	0.4153		0.3830	0.3830		1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.1235					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8974**	**7.7422**	**8.8569**	**0.0135**		**0.4153**	**0.4153**		**0.3830**	**0.3830**		**1,296.8664**	**1,296.8664**	**0.4111**		**1,307.1442**

3.6 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0418	0.0244	0.3193	1.0300e-003	0.1068	6.7000e-004	0.1075	0.0283	6.2000e-004	0.0290		102.9547	102.9547	2.3000e-003		103.0123
Total	**0.0418**	**0.0244**	**0.3193**	**1.0300e-003**	**0.1068**	**6.7000e-004**	**0.1075**	**0.0283**	**6.2000e-004**	**0.0290**		**102.9547**	**102.9547**	**2.3000e-003**		**103.0123**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7739	7.7422	8.8569	0.0135		0.4153	0.4153		0.3830	0.3830	0.0000	1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.1235					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8974**	**7.7422**	**8.8569**	**0.0135**		**0.4153**	**0.4153**		**0.3830**	**0.3830**	**0.0000**	**1,296.8664**	**1,296.8664**	**0.4111**		**1,307.1442**

3.6 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0418	0.0244	0.3193	1.0300e-003	0.1068	6.7000e-004	0.1075	0.0283	6.2000e-004	0.0290		102.9547	102.9547	2.3000e-003		103.0123
Total	**0.0418**	**0.0244**	**0.3193**	**1.0300e-003**	**0.1068**	**6.7000e-004**	**0.1075**	**0.0283**	**6.2000e-004**	**0.0290**		**102.9547**	**102.9547**	**2.3000e-003**		**103.0123**

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.1748					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**8.3937**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.7 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0418	0.0244	0.3193	1.0300e-003	0.1068	6.7000e-004	0.1075	0.0283	6.2000e-004	0.0290		102.9547	102.9547	2.3000e-003		103.0123
Total	**0.0418**	**0.0244**	**0.3193**	**1.0300e-003**	**0.1068**	**6.7000e-004**	**0.1075**	**0.0283**	**6.2000e-004**	**0.0290**		**102.9547**	**102.9547**	**2.3000e-003**		**103.0123**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.1748					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**8.3937**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.7 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0418	0.0244	0.3193	1.0300e-003	0.1068	6.7000e-004	0.1075	0.0283	6.2000e-004	0.0290		102.9547	102.9547	2.3000e-003		103.0123
Total	**0.0418**	**0.0244**	**0.3193**	**1.0300e-003**	**0.1068**	**6.7000e-004**	**0.1075**	**0.0283**	**6.2000e-004**	**0.0290**		**102.9547**	**102.9547**	**2.3000e-003**		**103.0123**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Transit Accessibility

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.4242	1.7254	4.0669	0.0145	1.2208	0.0125	1.2333	0.3266	0.0117	0.3383		1,469.7739	1,469.7739	0.0529		1,471.0963
Unmitigated	0.4408	1.8364	4.4847	0.0163	1.3841	0.0140	1.3981	0.3703	0.0131	0.3834		1,650.2346	1,650.2346	0.0579		1,651.6813

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Retirement Community	282.08	282.08	282.08	651,494	574,618
Parking Lot	0.00	0.00	0.00		
Total	282.08	282.08	282.08	651,494	574,618

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Retirement Community	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Retirement Community	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Parking Lot	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Kilowatt Hours of Renewable Electricity Generated

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0235	0.2010	0.0855	1.2800e-003		0.0163	0.0163		0.0163	0.0163		256.5267	256.5267	4.9200e-003	4.7000e-003	258.0511
NaturalGas Unmitigated	0.0247	0.2112	0.0899	1.3500e-003		0.0171	0.0171		0.0171	0.0171		269.5587	269.5587	5.1700e-003	4.9400e-003	271.1605

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	2291.25	0.0247	0.2112	0.0899	1.3500e-003		0.0171	0.0171		0.0171	0.0171		269.5587	269.5587	5.1700e-003	4.9400e-003	271.1605
Total		**0.0247**	**0.2112**	**0.0899**	**1.3500e-003**		**0.0171**	**0.0171**		**0.0171**	**0.0171**		**269.5587**	**269.5587**	**5.1700e-003**	**4.9400e-003**	**271.1605**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	2.18048	0.0235	0.2010	0.0855	1.2800e-003		0.0163	0.0163		0.0163	0.0163		256.5267	256.5267	4.9200e-003	4.7000e-003	258.0511
Total		**0.0235**	**0.2010**	**0.0855**	**1.2800e-003**		**0.0163**	**0.0163**		**0.0163**	**0.0163**		**256.5267**	**256.5267**	**4.9200e-003**	**4.7000e-003**	**258.0511**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	35.6840	0.8237	51.3314	0.0862		6.3627	6.3627		6.3627	6.3627	686.4094	316.0718	1,002.4811	0.9511	0.0485	1,040.7165
Unmitigated	35.6840	0.8237	51.3314	0.0862		6.3627	6.3627		6.3627	6.3627	686.4094	316.0718	1,002.4811	0.9511	0.0485	1,040.7165

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2688					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4870					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	33.7233	0.7455	44.5552	0.0858		6.3253	6.3253		6.3253	6.3253	686.4094	303.8824	990.2917	0.9393	0.0485	1,028.2328
Landscaping	0.2049	0.0781	6.7762	3.6000e-004		0.0374	0.0374		0.0374	0.0374		12.1894	12.1894	0.0118		12.4837
Total	**35.6840**	**0.8237**	**51.3314**	**0.0862**		**6.3627**	**6.3627**		**6.3627**	**6.3627**	**686.4094**	**316.0717**	**1,002.4811**	**0.9511**	**0.0485**	**1,040.7165**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2688					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4870					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	33.7233	0.7455	44.5552	0.0858		6.3253	6.3253		6.3253	6.3253	686.4094	303.8824	990.2917	0.9393	0.0485	1,028.2328
Landscaping	0.2049	0.0781	6.7762	3.6000e-004		0.0374	0.0374		0.0374	0.0374		12.1894	12.1894	0.0118		12.4837
Total	**35.6840**	**0.8237**	**51.3314**	**0.0862**		**6.3627**	**6.3627**		**6.3627**	**6.3627**	**686.4094**	**316.0717**	**1,002.4811**	**0.9511**	**0.0485**	**1,040.7165**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	4	87.1	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (75 - 100 HP)	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

11.0 Vegetation

Morgan Hill Senior Housing

Bay Area AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Retirement Community	82.00	Dwelling Unit	1.56	69,239.00	235
Parking Lot	37.00	Space	0.33	14,800.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	64
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	269.5	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity factor updated per PG&E's RPS projections.

Land Use - Acreage adjusted per AQ Questionnaire.

Construction Phase - Phasing based on AQ Questionnaire.

Demolition -

Grading - Material import/export and total acres graded based on AQ Questionnaire.

Mobile Land Use Mitigation -

Energy Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

Vehicle Trips - Trip generation based on ITE Trip Generation Manual 10th edition (2017)

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	120.00
tblConstructionPhase	NumDays	200.00	120.00
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	4.00	30.00
tblConstructionPhase	NumDays	10.00	7.00
tblConstructionPhase	NumDays	2.00	6.00
tblConstructionPhase	PhaseEndDate	2/7/2022	11/10/2021
tblConstructionPhase	PhaseEndDate	1/10/2022	10/27/2021
tblConstructionPhase	PhaseEndDate	3/26/2021	3/12/2021
tblConstructionPhase	PhaseEndDate	4/5/2021	5/3/2021
tblConstructionPhase	PhaseEndDate	1/24/2022	5/12/2021
tblConstructionPhase	PhaseEndDate	3/30/2021	3/22/2021
tblConstructionPhase	PhaseStartDate	1/25/2022	5/27/2021
tblConstructionPhase	PhaseStartDate	4/6/2021	5/13/2021
tblConstructionPhase	PhaseStartDate	3/31/2021	3/23/2021

tblConstructionPhase	PhaseStartDate	1/11/2022	5/4/2021
tblConstructionPhase	PhaseStartDate	3/27/2021	3/13/2021
tblGrading	AcresOfGrading	11.25	2.33
tblGrading	AcresOfGrading	3.00	0.00
tblGrading	MaterialExported	0.00	446.00
tblGrading	MaterialExported	0.00	50.00
tblGrading	MaterialImported	0.00	4,435.00
tblLandUse	LandUseSquareFeet	82,000.00	69,239.00
tblLandUse	LotAcreage	16.40	1.56
tblProjectCharacteristics	CO2IntensityFactor	641.35	269.5
tblStationaryGeneratorsPumpsEF	CH4_EF	0.07	0.07
tblStationaryGeneratorsPumpsEF	ROG_EF	2.2480e-003	2.2477e-003
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	87.10
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	4.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblVehicleTrips	ST_TR	2.03	3.44
tblVehicleTrips	SU_TR	1.95	3.44
tblVehicleTrips	WD_TR	2.40	3.44

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	10.5080	19.9705	16.8176	0.0337	5.3535	1.0423	6.1201	2.9188	0.9728	3.6241	0.0000	3,161.4965	3,161.4965	0.6000	0.0000	3,171.6364
Maximum	**10.5080**	**19.9705**	**16.8176**	**0.0337**	**5.3535**	**1.0423**	**6.1201**	**2.9188**	**0.9728**	**3.6241**	**0.0000**	**3,161.4965**	**3,161.4965**	**0.6000**	**0.0000**	**3,171.6364**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	10.5080	19.9705	16.8176	0.0337	5.3535	1.0423	6.1201	2.9188	0.9728	3.6241	0.0000	3,161.4965	3,161.4965	0.6000	0.0000	3,171.6364
Maximum	**10.5080**	**19.9705**	**16.8176**	**0.0337**	**5.3535**	**1.0423**	**6.1201**	**2.9188**	**0.9728**	**3.6241**	**0.0000**	**3,161.4965**	**3,161.4965**	**0.6000**	**0.0000**	**3,171.6364**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	35.6840	0.8237	51.3314	0.0862		6.3627	6.3627		6.3627	6.3627	686.4094	316.0718	1,002.4811	0.9511	0.0485	1,040.7165
Energy	0.0247	0.2112	0.0899	1.3500e-003		0.0171	0.0171		0.0171	0.0171		269.5587	269.5587	5.1700e-003	4.9400e-003	271.1605
Mobile	0.3816	1.9257	4.5236	0.0153	1.3841	0.0141	1.3982	0.3703	0.0132	0.3835		1,544.9924	1,544.9924	0.0591		1,546.4705
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**36.0903**	**2.9606**	**55.9448**	**0.1028**	**1.3841**	**6.3938**	**7.7779**	**0.3703**	**6.3929**	**6.7632**	**686.4094**	**2,130.6228**	**2,817.0322**	**1.0154**	**0.0535**	**2,858.3475**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	35.6840	0.8237	51.3314	0.0862		6.3627	6.3627		6.3627	6.3627	686.4094	316.0718	1,002.4811	0.9511	0.0485	1,040.7165
Energy	0.0235	0.2010	0.0855	1.2800e-003		0.0163	0.0163		0.0163	0.0163		256.5267	256.5267	4.9200e-003	4.7000e-003	258.0511
Mobile	0.3653	1.8031	4.1519	0.0136	1.2208	0.0126	1.2334	0.3266	0.0118	0.3384		1,375.6941	1,375.6941	0.0544		1,377.0536
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**36.0728**	**2.8277**	**55.5687**	**0.1011**	**1.2208**	**6.3915**	**7.6123**	**0.3266**	**6.3907**	**6.7174**	**686.4094**	**1,948.2925**	**2,634.7019**	**1.0104**	**0.0532**	**2,675.8212**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.05**	**4.49**	**0.67**	**1.69**	**11.80**	**0.04**	**2.13**	**11.80**	**0.03**	**0.68**	**0.00**	**8.56**	**6.47**	**0.49**	**0.45**	**6.39**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2021	3/12/2021	5	10	
2	Site Preparation	Site Preparation	3/13/2021	3/22/2021	5	6	
3	Grading	Grading	3/23/2021	5/3/2021	5	30	
4	Building Construction	Building Construction	5/13/2021	10/27/2021	5	120	
5	Paving	Paving	5/4/2021	5/12/2021	5	7	
6	Architectural Coating	Architectural Coating	5/27/2021	11/10/2021	5	120	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 2.33

Acres of Paving: 0.33

Residential Indoor: 140,209; Residential Outdoor: 46,736; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 888 (Architectural Coating – sqft)

<u>OffRoad Equipment</u>

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	9.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	6.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	610.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	65.00	11.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1969	0.0000	0.1969	0.0298	0.0000	0.0298			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658
Total	**1.9930**	**19.6966**	**14.4925**	**0.0241**	**0.1969**	**1.0409**	**1.2378**	**0.0298**	**0.9715**	**1.0013**		**2,322.7171**	**2,322.7171**	**0.5940**		**2,337.5658**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.2000e-003	0.2437	0.0539	6.9000e-004	0.0157	7.6000e-004	0.0165	4.3100e-003	7.3000e-004	5.0400e-003		74.3140	74.3140	3.9300e-003		74.4123
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0443	0.0302	0.2988	9.5000e-004	0.1068	6.7000e-004	0.1075	0.0283	6.2000e-004	0.0290		94.8398	94.8398	2.1500e-003		94.8934
Total	**0.0515**	**0.2739**	**0.3527**	**1.6400e-003**	**0.1225**	**1.4300e-003**	**0.1239**	**0.0326**	**1.3500e-003**	**0.0340**		**169.1537**	**169.1537**	**6.0800e-003**		**169.3057**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1969	0.0000	0.1969	0.0298	0.0000	0.0298			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658
Total	**1.9930**	**19.6966**	**14.4925**	**0.0241**	**0.1969**	**1.0409**	**1.2378**	**0.0298**	**0.9715**	**1.0013**	**0.0000**	**2,322.7171**	**2,322.7171**	**0.5940**		**2,337.5658**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.2000e-003	0.2437	0.0539	6.9000e-004	0.0157	7.6000e-004	0.0165	4.3100e-003	7.3000e-004	5.0400e-003		74.3140	74.3140	3.9300e-003		74.4123
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0443	0.0302	0.2988	9.5000e-004	0.1068	6.7000e-004	0.1075	0.0283	6.2000e-004	0.0290		94.8398	94.8398	2.1500e-003		94.8934
Total	**0.0515**	**0.2739**	**0.3527**	**1.6400e-003**	**0.1225**	**1.4300e-003**	**0.1239**	**0.0326**	**1.3500e-003**	**0.0340**		**169.1537**	**169.1537**	**6.0800e-003**		**169.3057**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2703	0.0000	5.2703	2.8966	0.0000	2.8966			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041		1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**1.5558**	**17.4203**	**7.5605**	**0.0172**	**5.2703**	**0.7654**	**6.0356**	**2.8966**	**0.7041**	**3.6007**		**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.0000e-003	0.2708	0.0599	7.7000e-004	0.0175	8.4000e-004	0.0183	4.7900e-003	8.1000e-004	5.6000e-003		82.5711	82.5711	4.3700e-003		82.6803
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0273	0.0186	0.1839	5.9000e-004	0.0657	4.1000e-004	0.0661	0.0174	3.8000e-004	0.0178		58.3629	58.3629	1.3200e-003		58.3960
Total	**0.0353**	**0.2894**	**0.2437**	**1.3600e-003**	**0.0832**	**1.2500e-003**	**0.0845**	**0.0222**	**1.1900e-003**	**0.0234**		**140.9340**	**140.9340**	**5.6900e-003**		**141.0763**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2703	0.0000	5.2703	2.8966	0.0000	2.8966			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041	0.0000	1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**1.5558**	**17.4203**	**7.5605**	**0.0172**	**5.2703**	**0.7654**	**6.0356**	**2.8966**	**0.7041**	**3.6007**	**0.0000**	**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.0000e-003	0.2708	0.0599	7.7000e-004	0.0175	8.4000e-004	0.0183	4.7900e-003	8.1000e-004	5.6000e-003		82.5711	82.5711	4.3700e-003		82.6803
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0273	0.0186	0.1839	5.9000e-004	0.0657	4.1000e-004	0.0661	0.0174	3.8000e-004	0.0178		58.3629	58.3629	1.3200e-003		58.3960
Total	**0.0353**	**0.2894**	**0.2437**	**1.3600e-003**	**0.0832**	**1.2500e-003**	**0.0845**	**0.0222**	**1.1900e-003**	**0.0234**		**140.9340**	**140.9340**	**5.6900e-003**		**141.0763**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.6173	0.0000	4.6173	2.4944	0.0000	2.4944			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869		1,365.0648	1,365.0648	0.4415		1,376.1020
Total	**1.2884**	**14.3307**	**6.3314**	**0.0141**	**4.6173**	**0.6379**	**5.2552**	**2.4944**	**0.5869**	**3.0812**		**1,365.0648**	**1,365.0648**	**0.4415**		**1,376.1020**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1627	5.5060	1.2176	0.0157	0.3552	0.0172	0.3724	0.0974	0.0164	0.1138		1,678.9449	1,678.9449	0.0889		1,681.1664
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0273	0.0186	0.1839	5.9000e-004	0.0657	4.1000e-004	0.0661	0.0174	3.8000e-004	0.0178		58.3629	58.3629	1.3200e-003		58.3960
Total	**0.1899**	**5.5246**	**1.4014**	**0.0163**	**0.4210**	**0.0176**	**0.4385**	**0.1148**	**0.0168**	**0.1316**		**1,737.3078**	**1,737.3078**	**0.0902**		**1,739.5623**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.6173	0.0000	4.6173	2.4944	0.0000	2.4944			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869	0.0000	1,365.0648	1,365.0648	0.4415		1,376.1020
Total	**1.2884**	**14.3307**	**6.3314**	**0.0141**	**4.6173**	**0.6379**	**5.2552**	**2.4944**	**0.5869**	**3.0812**	**0.0000**	**1,365.0648**	**1,365.0648**	**0.4415**		**1,376.1020**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1627	5.5060	1.2176	0.0157	0.3552	0.0172	0.3724	0.0974	0.0164	0.1138		1,678.9449	1,678.9449	0.0889		1,681.1664
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0273	0.0186	0.1839	5.9000e-004	0.0657	4.1000e-004	0.0661	0.0174	3.8000e-004	0.0178		58.3629	58.3629	1.3200e-003		58.3960
Total	**0.1899**	**5.5246**	**1.4014**	**0.0163**	**0.4210**	**0.0176**	**0.4385**	**0.1148**	**0.0168**	**0.1316**		**1,737.3078**	**1,737.3078**	**0.0902**		**1,739.5623**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608		2,001.2200	2,001.2200	0.3573		2,010.1517
Total	**1.8125**	**13.6361**	**12.8994**	**0.0221**		**0.6843**	**0.6843**		**0.6608**	**0.6608**		**2,001.2200**	**2,001.2200**	**0.3573**		**2,010.1517**

3.5 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0361	1.1465	0.3081	2.9200e-003	0.0745	2.5500e-003	0.0770	0.0214	2.4400e-003	0.0239		309.7899	309.7899	0.0161		310.1934
Worker	0.2214	0.1509	1.4938	4.7600e-003	0.5340	3.3600e-003	0.5373	0.1416	3.0900e-003	0.1447		474.1988	474.1988	0.0107		474.4671
Total	**0.2576**	**1.2974**	**1.8019**	**7.6800e-003**	**0.6084**	**5.9100e-003**	**0.6143**	**0.1631**	**5.5300e-003**	**0.1686**		**783.9887**	**783.9887**	**0.0269**		**784.6604**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608	0.0000	2,001.2200	2,001.2200	0.3573		2,010.1517
Total	**1.8125**	**13.6361**	**12.8994**	**0.0221**		**0.6843**	**0.6843**		**0.6608**	**0.6608**	**0.0000**	**2,001.2200**	**2,001.2200**	**0.3573**		**2,010.1517**

3.5 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0361	1.1465	0.3081	2.9200e-003	0.0745	2.5500e-003	0.0770	0.0214	2.4400e-003	0.0239		309.7899	309.7899	0.0161		310.1934
Worker	0.2214	0.1509	1.4938	4.7600e-003	0.5340	3.3600e-003	0.5373	0.1416	3.0900e-003	0.1447		474.1988	474.1988	0.0107		474.4671
Total	**0.2576**	**1.2974**	**1.8019**	**7.6800e-003**	**0.6084**	**5.9100e-003**	**0.6143**	**0.1631**	**5.5300e-003**	**0.1686**		**783.9887**	**783.9887**	**0.0269**		**784.6604**

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7739	7.7422	8.8569	0.0135		0.4153	0.4153		0.3830	0.3830		1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.1235					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8974**	**7.7422**	**8.8569**	**0.0135**		**0.4153**	**0.4153**		**0.3830**	**0.3830**		**1,296.8664**	**1,296.8664**	**0.4111**		**1,307.1442**

3.6 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0443	0.0302	0.2988	9.5000e-004	0.1068	6.7000e-004	0.1075	0.0283	6.2000e-004	0.0290		94.8398	94.8398	2.1500e-003		94.8934
Total	**0.0443**	**0.0302**	**0.2988**	**9.5000e-004**	**0.1068**	**6.7000e-004**	**0.1075**	**0.0283**	**6.2000e-004**	**0.0290**		**94.8398**	**94.8398**	**2.1500e-003**		**94.8934**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7739	7.7422	8.8569	0.0135		0.4153	0.4153		0.3830	0.3830	0.0000	1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.1235					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8974**	**7.7422**	**8.8569**	**0.0135**		**0.4153**	**0.4153**		**0.3830**	**0.3830**	**0.0000**	**1,296.8664**	**1,296.8664**	**0.4111**		**1,307.1442**

3.6 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0443	0.0302	0.2988	9.5000e-004	0.1068	6.7000e-004	0.1075	0.0283	6.2000e-004	0.0290		94.8398	94.8398	2.1500e-003		94.8934
Total	**0.0443**	**0.0302**	**0.2988**	**9.5000e-004**	**0.1068**	**6.7000e-004**	**0.1075**	**0.0283**	**6.2000e-004**	**0.0290**		**94.8398**	**94.8398**	**2.1500e-003**		**94.8934**

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.1748					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**8.3937**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.7 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0443	0.0302	0.2988	9.5000e-004	0.1068	6.7000e-004	0.1075	0.0283	6.2000e-004	0.0290		94.8398	94.8398	2.1500e-003		94.8934
Total	**0.0443**	**0.0302**	**0.2988**	**9.5000e-004**	**0.1068**	**6.7000e-004**	**0.1075**	**0.0283**	**6.2000e-004**	**0.0290**		**94.8398**	**94.8398**	**2.1500e-003**		**94.8934**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.1748					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**8.3937**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.7 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0443	0.0302	0.2988	9.5000e-004	0.1068	6.7000e-004	0.1075	0.0283	6.2000e-004	0.0290		94.8398	94.8398	2.1500e-003		94.8934
Total	**0.0443**	**0.0302**	**0.2988**	**9.5000e-004**	**0.1068**	**6.7000e-004**	**0.1075**	**0.0283**	**6.2000e-004**	**0.0290**		**94.8398**	**94.8398**	**2.1500e-003**		**94.8934**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Transit Accessibility

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.3653	1.8031	4.1519	0.0136	1.2208	0.0126	1.2334	0.3266	0.0118	0.3384		1,375.6941	1,375.6941	0.0544		1,377.0536
Unmitigated	0.3816	1.9257	4.5236	0.0153	1.3841	0.0141	1.3982	0.3703	0.0132	0.3835		1,544.9924	1,544.9924	0.0591		1,546.4705

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Retirement Community	282.08	282.08	282.08	651,494	574,618
Parking Lot	0.00	0.00	0.00		
Total	282.08	282.08	282.08	651,494	574,618

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Retirement Community	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Retirement Community	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Parking Lot	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Kilowatt Hours of Renewable Electricity Generated

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0235	0.2010	0.0855	1.2800e-003		0.0163	0.0163		0.0163	0.0163		256.5267	256.5267	4.9200e-003	4.7000e-003	258.0511
NaturalGas Unmitigated	0.0247	0.2112	0.0899	1.3500e-003		0.0171	0.0171		0.0171	0.0171		269.5587	269.5587	5.1700e-003	4.9400e-003	271.1605

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	2291.25	0.0247	0.2112	0.0899	1.3500e-003		0.0171	0.0171		0.0171	0.0171		269.5587	269.5587	5.1700e-003	4.9400e-003	271.1605
Total		**0.0247**	**0.2112**	**0.0899**	**1.3500e-003**		**0.0171**	**0.0171**		**0.0171**	**0.0171**		**269.5587**	**269.5587**	**5.1700e-003**	**4.9400e-003**	**271.1605**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	2.18048	0.0235	0.2010	0.0855	1.2800e-003		0.0163	0.0163		0.0163	0.0163		256.5267	256.5267	4.9200e-003	4.7000e-003	258.0511
Total		**0.0235**	**0.2010**	**0.0855**	**1.2800e-003**		**0.0163**	**0.0163**		**0.0163**	**0.0163**		**256.5267**	**256.5267**	**4.9200e-003**	**4.7000e-003**	**258.0511**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	35.6840	0.8237	51.3314	0.0862		6.3627	6.3627		6.3627	6.3627	686.4094	316.0718	1,002.4811	0.9511	0.0485	1,040.7165
Unmitigated	35.6840	0.8237	51.3314	0.0862		6.3627	6.3627		6.3627	6.3627	686.4094	316.0718	1,002.4811	0.9511	0.0485	1,040.7165

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2688					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4870					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	33.7233	0.7455	44.5552	0.0858		6.3253	6.3253		6.3253	6.3253	686.4094	303.8824	990.2917	0.9393	0.0485	1,028.2328
Landscaping	0.2049	0.0781	6.7762	3.6000e-004		0.0374	0.0374		0.0374	0.0374		12.1894	12.1894	0.0118		12.4837
Total	**35.6840**	**0.8237**	**51.3314**	**0.0862**		**6.3627**	**6.3627**		**6.3627**	**6.3627**	**686.4094**	**316.0717**	**1,002.4811**	**0.9511**	**0.0485**	**1,040.7165**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2688					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4870					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	33.7233	0.7455	44.5552	0.0858		6.3253	6.3253		6.3253	6.3253	686.4094	303.8824	990.2917	0.9393	0.0485	1,028.2328
Landscaping	0.2049	0.0781	6.7762	3.6000e-004		0.0374	0.0374		0.0374	0.0374		12.1894	12.1894	0.0118		12.4837
Total	**35.6840**	**0.8237**	**51.3314**	**0.0862**		**6.3627**	**6.3627**		**6.3627**	**6.3627**	**686.4094**	**316.0717**	**1,002.4811**	**0.9511**	**0.0485**	**1,040.7165**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	4	87.1	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (75 - 100 HP)	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

11.0 Vegetation

Morgan Hill Senior Housing

Bay Area AQMD Air District, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demolition	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	1	No Change	0.00
Cement and Mortar Mixers	Diesel	No Change	0	1	No Change	0.00
Concrete/Industrial Saws	Diesel	No Change	0	1	No Change	0.00
Cranes	Diesel	No Change	0	1	No Change	0.00
Forklifts	Diesel	No Change	0	1	No Change	0.00
Generator Sets	Diesel	No Change	0	1	No Change	0.00
Graders	Diesel	No Change	0	2	No Change	0.00
Pavers	Diesel	No Change	0	1	No Change	0.00
Paving Equipment	Diesel	No Change	0	1	No Change	0.00
Rollers	Diesel	No Change	0	1	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	3	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	7	No Change	0.00
Welders	Diesel	No Change	0	3	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	1.31300E-002	9.16100E-002	1.09050E-001	1.80000E-004	5.65000E-003	5.65000E-003	0.00000E+000	1.53195E+001	1.53195E+001	1.05000E-003	0.00000E+000	1.53458E+001
Cement and Mortar Mixers	1.50000E-004	9.70000E-004	8.10000E-004	0.00000E+000	4.00000E-005	4.00000E-005	0.00000E+000	1.20300E-001	1.20300E-001	1.00000E-005	0.00000E+000	1.20610E-001
Concrete/Industrial Saws	1.92000E-003	1.51900E-002	1.83700E-002	3.00000E-005	8.70000E-004	8.70000E-004	0.00000E+000	2.68828E+000	2.68828E+000	1.60000E-004	0.00000E+000	2.69218E+000
Cranes	1.85800E-002	2.18220E-001	8.92300E-002	2.60000E-004	8.86000E-003	8.15000E-003	0.00000E+000	2.28096E+001	2.28096E+001	7.38000E-003	0.00000E+000	2.29940E+001
Forklifts	5.82000E-003	5.30600E-002	5.25500E-002	7.00000E-005	3.77000E-003	3.47000E-003	0.00000E+000	6.04311E+000	6.04311E+000	1.95000E-003	0.00000E+000	6.09197E+000
Generator Sets	2.14400E-002	1.89970E-001	2.21080E-001	3.90000E-004	1.00600E-002	1.00600E-002	0.00000E+000	3.39125E+001	3.39125E+001	1.73000E-003	0.00000E+000	3.39557E+001
Graders	6.45000E-003	8.44300E-002	2.51800E-002	9.00000E-005	2.67000E-003	2.46000E-003	0.00000E+000	8.29530E+000	8.29530E+000	2.68000E-003	0.00000E+000	8.36237E+000
Pavers	6.50000E-004	6.81000E-003	7.63000E-003	1.00000E-005	3.30000E-004	3.00000E-004	0.00000E+000	1.08366E+000	1.08366E+000	3.50000E-004	0.00000E+000	1.09243E+000
Paving Equipment	6.70000E-004	6.79000E-003	8.89000E-003	1.00000E-005	3.40000E-004	3.10000E-004	0.00000E+000	1.25245E+000	1.25245E+000	4.10000E-004	0.00000E+000	1.26258E+000
Rollers	5.80000E-004	5.89000E-003	5.76000E-003	1.00000E-005	3.60000E-004	3.30000E-004	0.00000E+000	7.05920E-001	7.05920E-001	2.30000E-004	0.00000E+000	7.11630E-001
Rubber Tired Dozers	1.97500E-002	2.07080E-001	7.62100E-002	1.60000E-004	1.00500E-002	9.25000E-003	0.00000E+000	1.41668E+001	1.41668E+001	4.58000E-003	0.00000E+000	1.42814E+001
Tractors/Loaders/Backhoes	1.49100E-002	1.50950E-001	1.79970E-001	2.50000E-004	8.90000E-003	8.19000E-003	0.00000E+000	2.17354E+001	2.17354E+001	7.03000E-003	0.00000E+000	2.19111E+001
Welders	5.44800E-002	2.71600E-001	3.09390E-001	4.60000E-004	1.33400E-002	1.33400E-002	0.00000E+000	3.38797E+001	3.38797E+001	4.41000E-003	0.00000E+000	3.39900E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	1.31300E-002	9.16100E-002	1.09050E-001	1.80000E-004	5.65000E-003	5.65000E-003	0.00000E+000	1.53195E+001	1.53195E+001	1.05000E-003	0.00000E+000	1.53458E+001
Cement and Mortar Mixers	1.50000E-004	9.70000E-004	8.10000E-004	0.00000E+000	4.00000E-005	4.00000E-005	0.00000E+000	1.20300E-001	1.20300E-001	1.00000E-005	0.00000E+000	1.20610E-001
Concrete/Industrial Saws	1.92000E-003	1.51900E-002	1.83700E-002	3.00000E-005	8.70000E-004	8.70000E-004	0.00000E+000	2.68828E+000	2.68828E+000	1.60000E-004	0.00000E+000	2.69218E+000
Cranes	1.85800E-002	2.18220E-001	8.92300E-002	2.60000E-004	8.86000E-003	8.15000E-003	0.00000E+000	2.28095E+001	2.28095E+001	7.38000E-003	0.00000E+000	2.29940E+001
Forklifts	5.82000E-003	5.30600E-002	5.25500E-002	7.00000E-005	3.77000E-003	3.47000E-003	0.00000E+000	6.04310E+000	6.04310E+000	1.95000E-003	0.00000E+000	6.09196E+000
Generator Sets	2.14400E-002	1.89970E-001	2.21080E-001	3.90000E-004	1.00600E-002	1.00600E-002	0.00000E+000	3.39124E+001	3.39124E+001	1.73000E-003	0.00000E+000	3.39557E+001
Graders	6.45000E-003	8.44300E-002	2.51800E-002	9.00000E-005	2.67000E-003	2.46000E-003	0.00000E+000	8.29529E+000	8.29529E+000	2.68000E-003	0.00000E+000	8.36236E+000
Pavers	6.50000E-004	6.81000E-003	7.63000E-003	1.00000E-005	3.30000E-004	3.00000E-004	0.00000E+000	1.08366E+000	1.08366E+000	3.50000E-004	0.00000E+000	1.09242E+000
Paving Equipment	6.70000E-004	6.79000E-003	8.89000E-003	1.00000E-005	3.40000E-004	3.10000E-004	0.00000E+000	1.25245E+000	1.25245E+000	4.10000E-004	0.00000E+000	1.26258E+000
Rollers	5.80000E-004	5.89000E-003	5.76000E-003	1.00000E-005	3.60000E-004	3.30000E-004	0.00000E+000	7.05920E-001	7.05920E-001	2.30000E-004	0.00000E+000	7.11630E-001
Rubber Tired Dozers	1.97500E-002	2.07080E-001	7.62100E-002	1.60000E-004	1.00500E-002	9.25000E-003	0.00000E+000	1.41668E+001	1.41668E+001	4.58000E-003	0.00000E+000	1.42814E+001
Tractors/Loaders/Backhoes	1.49100E-002	1.50950E-001	1.79970E-001	2.50000E-004	8.90000E-003	8.19000E-003	0.00000E+000	2.17354E+001	2.17354E+001	7.03000E-003	0.00000E+000	2.19111E+001
Welders	5.44800E-002	2.71600E-001	3.09390E-001	4.60000E-004	1.33400E-002	1.33400E-002	0.00000E+000	3.38797E+001	3.38797E+001	4.41000E-003	0.00000E+000	3.39900E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.30552E-006	1.30552E-006	0.00000E+000	0.00000E+000	1.30329E-006
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.31524E-006	1.31524E-006	0.00000E+000	0.00000E+000	8.69792E-007
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.65478E-006	1.65478E-006	0.00000E+000	0.00000E+000	1.64151E-006
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.17951E-006	1.17951E-006	0.00000E+000	0.00000E+000	1.17801E-006
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.20550E-006	1.20550E-006	0.00000E+000	0.00000E+000	1.19583E-006
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	9.15390E-006
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	7.05874E-007	7.05874E-007	0.00000E+000	0.00000E+000	1.40042E-006
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	9.20158E-007	9.20158E-007	0.00000E+000	0.00000E+000	9.12778E-007
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.18065E-006	1.18065E-006	0.00000E+000	0.00000E+000	1.17682E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
No	Soil Stabilizer for unpaved Roads	PM10 Reduction		PM2.5 Reduction			
No	Replace Ground Cover of Area Disturbed	PM10 Reduction		PM2.5 Reduction			
No	Water Exposed Area	PM10 Reduction		PM2.5 Reduction		Frequency (per day)	

No	Unpaved Road Mitigation	Moisture Content %		Vehicle Speed (mph)	0.00		
No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	0.04	0.01	0.04	0.01	0.00	0.00
Demolition	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Demolition	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Grading	Fugitive Dust	0.07	0.04	0.07	0.04	0.00	0.00
Grading	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	Fugitive Dust	0.02	0.01	0.02	0.01	0.00	0.00
Site Preparation	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	152.67	152.67	152.72	152.94	152.67
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	4.20	6.23	8.58	10.71	10.24	10.50	0.00	10.92	10.92	8.31	0.00	10.92
Natural Gas	4.88	4.85	4.82	8.00	4.81	4.81	0.00	4.83	4.83	5.81	4.88	4.83
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	20.00	14.21	15.68	19.99	19.91	17.63
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting: Suburban Center

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.04	0.22		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
Yes	Land Use	Increase Transit Accessibility	0.16	0.25		
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.10			

Yes	Neighborhood Enhancements	Improve Pedestrian Network	2.00	Project Site and Connecting Off-Site		
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.02			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.12			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"	4.50			
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program	10.00			
	Commute	Commute Subtotal	0.00			

No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.12			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	100.00
No	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	100.00
No	Use Low VOC Paint (Non-residential Exterior)	150.00
No	Use Low VOC Paint (Parking)	150.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
Yes	Exceed Title 24	7.00	
No	Install High Efficiency Lighting	0.00	
Yes	On-site Renewable	198,799.00	100.00

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy	0.00	0.00
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
Yes	Install low-flow bathroom faucet	32.00	
Yes	Install low-flow Kitchen faucet	18.00	
Yes	Install low-flow Toilet	20.00	
Yes	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value

Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

Appendix B

Arborist Report

Dave Laczko & Associates, LLC
• Arboricultural Consulting Services •
P.O. Box 335 • Morgan Hill, CA 95038 • 408-385-5904
contact@laczkoandassociates.com

Morgan Hill Senior Housing LP
6120 Stoneridge Mall Road, Suite 100
Pleasanton, CA 94588
Attn: Ms. Lucy Zappone

RE: Development impacts upon existing trees.
16685 Church Street
Morgan Hill, CA 95037

February 7, 2020

Greetings Ms. Zappone,

SUMMARY

I respectfully submit the following summary of circumstances. This tree protection and preservation plan is prepared for review by the City of Morgan Hill regarding the proposed development located 16685 Church Street which includes the demolition of 3 existing structures to be replaced by a 3-story 82-unit senior housing development with 31 or 32 parking spaces (two construction schemes were supplied for review). I identified 7 significant trees at risk of adverse impacts for both construction schemes: 2 Deodar Cedars (*Cedrus deodara*), 1 Shamel Ash (*Fraxinus uhdei*), 1 Coast Redwood (*Sequoia sempervirens*), 1 Blue Gum Eucalyptus (*Eucalyptus globulus*), 1 Edible Fig (*Ficus carica*), and 1 Coast Live Oak (*Quercus agrifolia*).

1. **Deodar Cedars #1 and 3, Coast Redwood #4, Blue Gum Eucalyptus #5, Edible Fig #6, and Coast Live Oak #7 are requested for removal; criteria for removal B and C.**
2. **Shamel Ash #2 shall be protected by installing a Type II TPZ wrap to a height of at least 6' prior to demolition activities. Prune the tree in a manner described as "raise canopy to gain 15' vertical clearance"**
3. **Subsequent to demolition, add 6" mulch atop the tree's CRZ then erect a Type I TPZ fence with a radius equal the tree's dripline where possible but no less than 30'.**
4. **Suitable replacement trees for Coast Redwood #4 includes: Valley Oak (*Quercus lobata*), Blue Oak (*Quercus douglasii*), Coast Live Oak (*Quercus agrifolia*), Catalina Ironwood (*Lyonothamus floribundus* subsp. *asplenifolius*), *Code of Ordinance 12.32.080 (A)*.**
5. **Suitable replacement trees for future landscape considerations can include: European Hornbeam (*Carpinus betulus* 'Fastigiata'), Brisbane Box (*Lophostemon confertus*), or Mexican White Oak a.k.a. Monterey Oak (*Quercus polymorpha*).**

BACKGROUND

Thank you for the opportunity to assist you with your tree related issue. I was contacted by you on Wednesday, January 22, 2020 on behalf of Ms. Mary Grace Crisostomo of Morgan Hill Senior Housing, GP LLC to discuss the effect upon existing trees related your plans to develop two adjacent parcels measuring a combined 2.331 acres located at 16685 Church Street. I understand the project includes the demolition of 3 existing structures which will be replaced by a 3-story 82-unit senior housing facility with 31 or 32 parking spaces. I was provided two construction schemes to consider.

Background continued.
The latest set of site plans reviewed by me include: the land survey sheet drawn by UB of AEI Consultants dated 12/4/19; and two architectural site plans drawn by H Kit Architects which include: Scheme A, sheets A1-A3, and Scheme B, sheets A1-A3. I did not review any landscape plans.

I visited the site on Friday, January 31, 2020 to survey and inventory the trees. Subsequent to my site inspection and review of the plans, I report the following.

ASSIGNMENT, LIMITS, PURPOSE AND USE

1. Review the design plans to ensure there are no conflicts with regionally accepted Arboricultural standards related to the protection and preservation of trees within and adjacent to the proposed development area.
2. Provide recommendations for the protection and preservation of all significant trees identified to be at risk of adverse impacts while adhering to Morgan Hill's *Code of Ordinances Chapter 12.32 - RESTRICTIONS ON REMOVAL OF SIGNIFICANT TREES*, and *Chapter 12.28 – TREE PLANTING PLAN.*

I did not excavate an exploratory trench to verify the existence or location of roots anywhere within the proposed development area. The assumptions made by me concerning trenching, boring, grading, or excavation activities associated with root pruning are based upon my above ground visual inspection of the trees and site as well as my experience and knowledge of trees, their growth habits, and their growth rates both above and below ground.

The purpose of this report is to provide a tree protection and preservation plan that is intended to be used solely by you and your clients or agents for submission to the City of Morgan Hill as the arborist report of record for your construction project located at 16685 Church Street, Morgan Hill, CA 95037. This report is valid for a period of 12 months from its stated date.

OBSERVATIONS AND DISCUSSION

The proposed development site consists of 2 adjacent and relatively level parcels measuring a combined 2.331 acres. The vegetation throughout both parcels is comprised mostly of grasses and assorted **volunteers,** with 7 significant trees growing in the northernmost parcel where three existing vacant structures are located. The southernmost parcel is void of trees. See Appendix G: Photographs.

> **Code of Ordinance 12.32.020 - Definitions.:**
> G. "Ordinance [Significant] Sized Tree" means any live woody plant rising above the ground with a single stem or trunk of a circumference of forty inches or more for nonindigenous species and eighteen inches or more for indigenous species measured at four and one-half feet vertically above the ground or immediately below the lowest branch, whichever is lower, and having the inherent capacity of naturally producing one main axis continuing to grow more vigorously than the lateral axes. All commercial tree farms, nonindigenous tree species in residential zones and orchards (including individual fruit trees) are exempted from the definition of tree for the purpose of this chapter.

H. "Street Tree" is a tree, of any size, situated within the public street right-of-way or publicly accessible private street (e.g., trees within a landscape park strip), or within five feet of a publicly accessible sidewalk adjacent to a public or private street in the case of a street without a landscape park strip.

I. "Indigenous tree" means any tree which is native to the Morgan Hill region. Such trees include, oaks (all types), California Bays, Madrones, Sycamore, and Alder.

Each significant tree's suitability for preservation, expected intensity of impacts, and tolerance to withstand impacts was rated. See Appendix A: Tree Inventory. I applied round, one-inch diameter, blue anodized tree tags to the south side of each significant tree at approximately 54" above grade.

Shamel Ash #2 is in my opinion the only significant tree suitable for retention and preservation and as such requires tree protection efforts. The remaining 6 significant trees are located too close to infrastructure and property lines, are listed in Morgan Hill's prohibited tree list, or are within the development footprint. Direct impacts and soil compaction during demolition activities pose the greatest threats to Shamel Ash #2. A significant percentage of the main structure as well as existing hardscape are located under the tree's dripline such that erecting the proper sized tree protection zone (TPZ) fence prior to beginning demolition is impossible. Protection efforts for the tree, both above and below ground, must be implemented in a phased approach.

F. uhdei is known to grow a wide and expansive root system that is normally very close to the surface and quite damaging to infrastructure. However, in this case there is little evidence the tree's roots have uplifted anything out beyond the **buttress roots** except for the sidewalk along San Pedro Avenue where a new section of sidewalk is visible. It is reasonable to assume a large percentage of the tree's roots are at a depth that will allow for the use of a light duty wheeled loader when needed within the tree's **critical root zone (CRZ)**.

Prior to beginning demolition activities, the tree should be wrapped with straw wattle (Type II TPZ) to a height of no less than 6'. See Appendix E. Demolition of the main structure can then commence from the east side of the structure and then work toward the west. See Appendix F: Protection guidelines during demolition. Demolition of the asphalt parking lot should commence outside the tree's **dripline** from the south side and then work northward toward the tree. Once demolition activities reach the tree's dripline, it is best not to rip, tear, or to gouge out the structure's foundation, asphalt parking lot, or cement walkways. A light duty wheeled loader like a Bobcat with a jack-hammer extension is preferred for use to minimize damage to structural roots which might be close to the surface. Once broken, the debris is best removed by hand to minimize the adverse effects of soil compaction. (It is my experience that with a pre-demolition meeting between me and the demolition contractor's experienced equipment operator, the threat to tree roots are discussed which then allows for the use of a light duty wheeled loader to extract the broken materials.)

Significant Trees at Risk of Adverse Impacts

Tree #1-is a non-indigenous maturing single-stemmed Deodar Cedar that measures 14.5" in diameter measured below the lowest stem at 24" above grade with a crown spread of approximately 40'. The tree appears to be structurally and physiologically sound and is located street side along Church St. The tree is uplifting the sidewalk and is requested for removal; criteria for removal B and C.

Tree #2-is a non-indigenous maturing single-stemmed Shamel Ash that measures 40" in **diameter at breast height (DBH)** with a crown spread of approximately 80'. The tree appears structurally and physiologically sound and is located in front of the main structure at the corner of Church St. and San Pedro Ave. The tree will be retained and is located such that demolition activities pose a threat to the tree both above and below ground. Prior to beginning demolition activities prune the tree in a manner described as "raise **canopy** to gain 15' vertical clearance" then install a Type II TPZ wrap. See Appendix E. Once demolition activities are completed apply 4" to 6" of wood mulch atop the tree's CRZ and erect a Type I TPZ with a radius equal the tree's dripline or no less than 30'. All underground utilities should be routed outside the tree's dripline. See Appendix D and Appendix B: Tree protection zone map.

Tree #3-is a non-indigenous maturing single-stemmed Deodar Cedar that measures 20" DBH with a crown spread of approximately 35'. The tree is located behind the main structure and exhibits a significant lean with visible decay along the length of the lower trunk. The tree is structurally and physiologically compromised, impedes development in both Schemes A and B, and is requested for removal; criteria for removal B and C.

Tree #4-is an indigenous maturing single-stemmed Coast Redwood that measures 19" DBH with a crown spread of approximately 20'. The tree appears structurally and physiologically sound but impedes development in both Schemes A and B. The tree is requested for removal; criteria for removal B and C.

Tree #5-is a non-indigenous maturing single-stemmed Blue Gum Eucalyptus that measures 47" DBH with a crown spread of approximately 70'. The tree appears structurally and physiologically sound and is located along the northeastern property line and impedes upon the post office's parking lot. This Genus of tree is designated a prohibited tree by city ordinance *12.28.050 - Prohibited trees and groundcovers—Designated.* The tree is requested for removal; criteria for removal B and C.

Tree #6-is a non-indigenous maturing **short-boled** Edible Fig that measures ~26" in diameter measured at near grade with a crown spread of approximately 30'. The tree appears to be structurally and physiologically sound but impedes development in both Schemes A and B. The tree is requested for removal; criteria for removal B and C.

Tree #7-is an indigenous juvenile short-boled Coast Live Oak that measures ~5.7" measured a ~36" above grade with a crown spread of approximately 10'. The tree appears to be close to ordinance size and so it is included here. The tree appears structurally and physiologically sound and is located such that it impedes development in both Schemes A and B. The tree is requested for removal; criteria for removal B and C.

Root Pruning Specifications
In the event roots 2" in diameter or greater are encountered, root pruning may prove necessary. Halt activities and contact the project Arborist to advise if not onsite. The following guidelines shall be adhered to with the project Arborist on site to advise work crews.

- Pruning roots 2" in diameter or greater requires the use of a commercial grade 15-amp reciprocating saw with at least 3 new and unused wood cutting blades available while on-site.
- Cleanly sever the root without ripping or tearing the root tissue. It is preferable to cut back to a lateral root, much like when reducing the length of a stem or branch. *Battery operated reciprocating saws with used blades will not be allowed.*
- A new unused Arborist hand saw will also be allowed i.e. Fanno™ Tri-Edge Blade Hand Saw.
    - **Tree #2**

Pruning Specifications
All tree pruning activities shall be performed prior to beginning development activities by a qualified arborist with a C-61/D-49 California Contractors License. Tree maintenance and care shall be specified in writing according to American National Standard (ANSI) for Tree Care Operations: Tree, Shrub and Other woody Plant Management: Standard Practices parts 1 through 10, and adhere to ANSI Z133.1 safety standards and local regulations. Work shall be performed according to the most recent edition of the International Society of Arboriculture© Best Management Practices for each subject matter (Tree Pruning etc.) *The use of spikes and/or gaffs when climbing is strictly prohibited.*

Raise canopy (a.k.a. crown lifting)-The selective removal of lower growing or low hanging limbs to gain vertical clearance. Do not remove living stems greater than 4" in diameter without the approval of the project arborist.

- **Tree #2**

Recommended Project Arborist On-Site Monitoring

- Pre-demolition meeting between myself and the demolition contractor's experienced equipment operator.
- Possible root pruning activities that were discussed herein.
    - **Tree #2**

Grading, Excavation, and Trenching
It is preferable to maintain the current elevations within the dripline of Shamel Ash #2. Changes of grade within the tree's dripline were not available for review but appear in Schemes A and B not to change. Further discussion is required if the landscape plans call for any change in grade within the tree's dripline. All trenching for underground utilities should be routed outside the tree's dripline.

Tree Protection Specifications

Type I Tree Protection Zone:

A fenced area erected around a tree or group of trees prior to beginning any demolition, grading, or construction activities to protect the roots and soil from compaction, and to keep the tree trunk and branches clear from damage by construction, equipment, or personnel activities. A typical TPZ consists of a six-foot-high fence minimum (preferably chained link) that is securely installed in the ground and around the tree with a radius equal to or as close as possible to the tree's drip line. A sign stating, "Tree Protection Zone-No Entry" is placed in clear view on the fence visible from all points of ingress and egress and left in place for the duration of the construction phase. Mulch to a depth of six inches is placed within the TPZ to further protect the tree's critical root zone and soil—do not cover the base of the trunk with the mulch. Storage of construction materials within the TPZ is strictly prohibited, and physical entry is limited to designated personnel (one or two people preferably).

Type II Tree Protection Zone:

Alternate form of tree protection by wrapping the tree when sufficient room for a Type I TPZ is unavailable, more specifically; straw wattle used as a tree wrap by coiling the wattle around the trunk to a minimum height of 6 feet above grade. A single layer or more of orange plastic construction fencing is then wrapped and secured around the straw wattle. No portion of the tree wrap is to be affixed directly to the tree with nails, lag bolts, spikes, etc. The purpose of this type of tree protection is to protect the trunk from damage by direct impacts of equipment, vehicles, tools, etc. and nailing the wrap directly to the tree will cause the exact type of damage we are trying to avoid. Alternatively, wooden slats at least one inch thick at least 6 feet long can be bound securely, edge to edge, around the trunk with a single layer or more of orange plastic construction fence then wrapped and secured around the outside of the wooden slats. The removal of any tree protection fencing or wrap authorized only after an on-site inspection by the City Arborist.

CONCLUSION

It is my professional opinion based on my visual examination of the site and trees that Shamel Ash #2 is the only significant tree suitable for protection and preservation. Construction Scheme B appears to me the best option for the protection and preservation of Shamel Ash #2 because no structures or hardscape are shown within the tree's dripline. Furthermore, should the tree protection and preservation recommendations discussed herein be clearly explained to and understood by all personnel responsible for applying the practical aspects of this project, construction activities will impose no long-term adverse effect upon the subject tree; either by damaging roots or any of the above ground portions of the tree, or by soil compaction.

RECOMMENDATIONS

1. Deodar Cedars #1 and 3, Coast Redwood #4, Blue Gum Eucalyptus #5, Edible Fig #6, and Coast Live Oak #7 are requested for removal; criteria for removal B and C.
2. Shamel Ash #2 shall be protected by installing a Type II TPZ wrap to a height of at least 6' prior to demolition activities. Prune the tree in a manner described as "raise canopy to gain 15' vertical clearance"
3. Subsequent to demolition, add 6" of wood mulch atop the tree's CRZ then erect a Type I TPZ fence with a radius equal the tree's dripline where possible but no less than 30'.
4. Suitable replacement trees for Coast Redwood #4 includes: Valley Oak (*Quercus lobata*), Blue Oak (*Quercus douglasii*), Coast Live Oak (*Quercus agrifolia*), Catalina Ironwood (*Lyonothamus floribundus* subsp. *asplenifolius*), *Code of Ordinance 12.32.080 (A)*.
5. Suitable replacement trees for future landscape considerations can include: European Hornbeam (*Carpinus betulus* 'Fastigiata'), Brisbane Box (*Lophostemon confertus*), or Mexican White Oak a.k.a. Monterey Oak (*Quercus polymorpha*).

GLOSSARY

buttress root-large roots attached to the trunk base that can swell and uplift the soil.

canopy (a.k.a. crown)- collective branches and foliage of a tree or group of trees.

critical root zone (CRZ)-area of soil around a tree where the minimum amount of roots considered critical to the structural stability or health of the tree are located. CRZ determination is sometimes based on the dripline or a multiple of DBH, but because root growth can be asymmetric due to site conditions, onsite investigation may be required.

diameter at breast height (DBH)- measured at 54 inches above grade unless otherwise noted.

drip line-imaginary boundary on the soil surface defined by the branch spread of a single plant or group of plants.

short-bole-main trunk of the tree below the branches, usually used in reference to a tree whose first branch is low to the ground.

volunteer-a tree or plant the is not purposefully planted, most times considered a weed but desirable specimens can naturally propagate as well, generally found in inappropriate planting locations along foundations, fences, and property lines.

Qualifications, Assumptions, and Limiting Conditions

Any legal description provided to the consultant is assumed to be correct. Any titles or ownership of properties are assumed to be good and marketable. All property is appraised or evaluated as though free and clear, under responsible ownership and competent management.

All property is presumed to be in conformance with applicable codes, ordinances, statutes, or other regulations.

Care has been taken to obtain information from reliable sources. However, the consultant cannot be responsible for the accuracy of information provided by others.

The consultant shall not be required to give testimony or attend meetings, hearings, conferences, mediations, arbitration, or trials by reason of this report unless subsequent contractual arrangements are made, including payment of an additional fee for such services.

This report and any appraisal value expressed herein represent the opinion of the consultant, and the consultant's fee is not contingent upon the reporting of a specified appraisal value, a stipulated result, or the occurrence of a subsequent event.

Sketches, drawings, and photographs in this report are intended for use as visual aids, are not necessarily to scale, and should not be construed as engineering or architectural reports or surveys. The reproduction of information generated by architects, engineers, or other consultants on any sketches, drawings, or photographs is only for coordination and ease of reference. Inclusion of said information with any drawings or other documents does not constitute a representation as to the sufficiency or accuracy of said information.

Unless otherwise expressed: a) this report covers only examined items and their condition at the time of inspection; and b) the inspection is limited to visual examination of accessible items without dissection, excavation, probing, or coring. There is no warranty or guarantee, expressed or implied, that structural problems or deficiencies of plants or property may not arise in the future.

Certification of Performance

I David A. Laczko, Certify:

That I have personally inspected the tree(s) and/or the property referred to in this report, and have stated my findings accurately. The extent of the evaluation and/or appraisal is stated in the attached report and Terms of Assignment;

That I have no current or prospective interest in the vegetation or the property that is the subject of this report, and I have no personal interest or bias with respect to the parties involved;

That the analysis, opinions, and conclusions were developed and this report has been prepared according to commonly accepted Arboricultural practices;

That no one provided significant professional assistance to the consultant, except as indicated within the report;

That my compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client or any other party, nor upon the results of the assessment, the attainment of stipulated results, or the occurrence of any other subsequent events;

I further certify that I am a Certified Arborist with the International Society of Arboriculture, and that I acknowledge, accept and adhere to the ISA Standards of Professional Practice. I have been involved with the practice of Arboriculture and the care and study of trees since 1994.

David A. Laczko

ISA Certified Arborist PN #1233A
ISA Tree Risk Assessor Qualified
American Society of Consulting Arborists—Member
International Society of Arboriculture—Member

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Appendix A: Tree Inventory

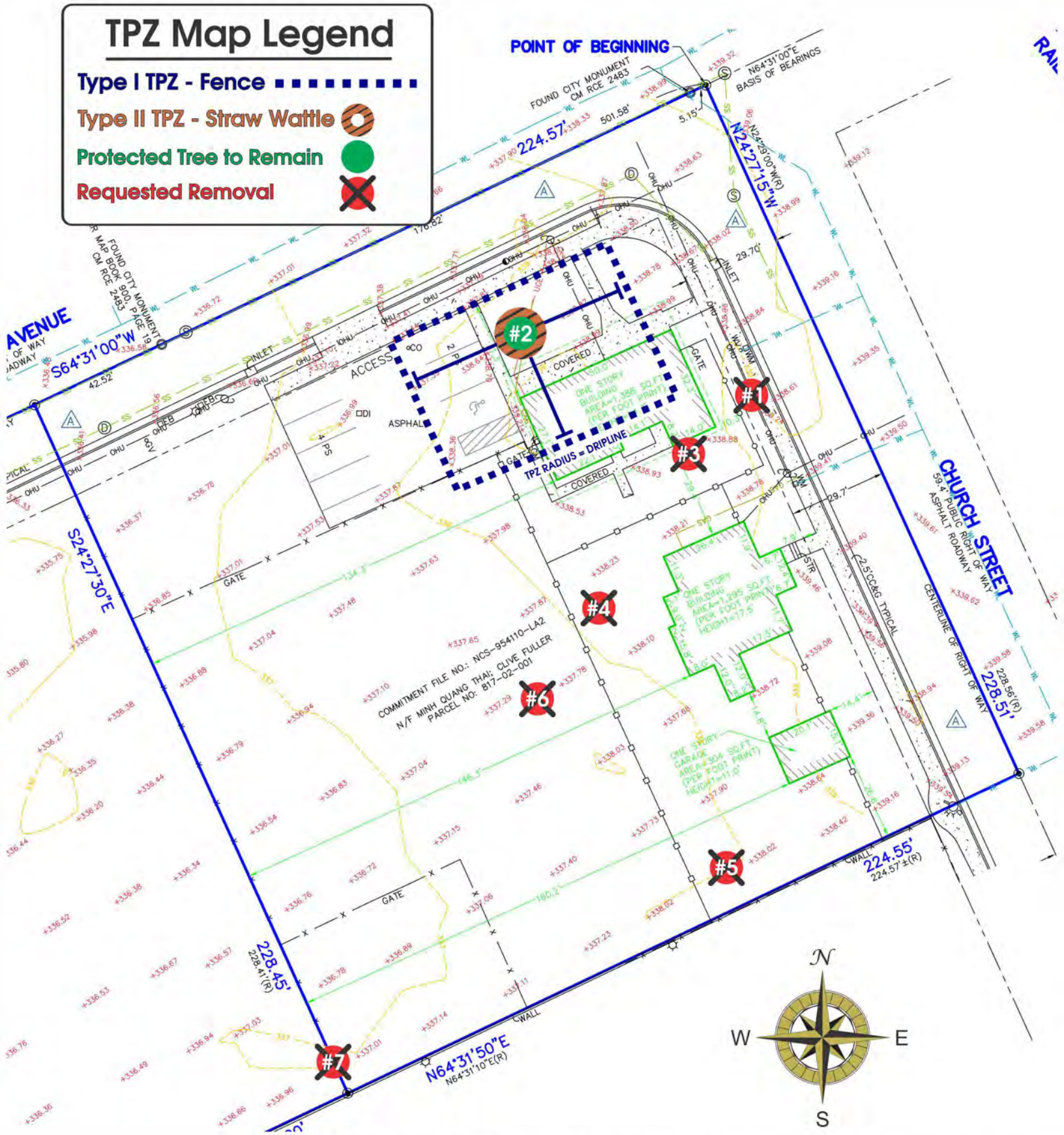
TREE INVENTORY: MORGAN HILL SENIOR HOUSING LP 16685 CHURCH STREET MORGAN HILL, CA 95037									
TREE #	COMMON NAME	GENUS/SPECIES	DBH	CANOPY	CONDITION	SUITABILITY	INTENSITY	TOLERANCE	PRESCRIPTION
1	Deodar Cedar	*Cedrus deodara*	*18.5"	40'	Good	Low	1	Good	Remove
2	Shamel Ash	*Fraxinus uhdei*	40"	80'	Good	Moderate	2	Good	**Erect Type I TPZ
3	Deodar Cedar	*Cedrus deodara*	20"	35'	Poor	Low	1	Good	Remove
4	Coast Redwood	*Sequoia sempervirens*	19"	20'	Fair	Moderate	1	Good	Remove
5	Blue Gum Eucalyptus	*Eucalyptus globulus*	47"	70'	Good	Low	1	Good	Remove
6	Edible Fig	*Ficus carica*	***26"	30'	Good	Low	1	Unknown	Remove
7	Coast Live Oak	*Quercus agrifolia*	5.7"	10'	Good	Low	1	Good	Remove

* Measured below the lowest stem at 24 inches above grade.
** Prune first (raise canopy), install Type II TPZ, demolish structures and hardscape, add wood mulch atop CRZ, erect Type I TPZ fence.
*** Measured below the lowest stem at near grade.

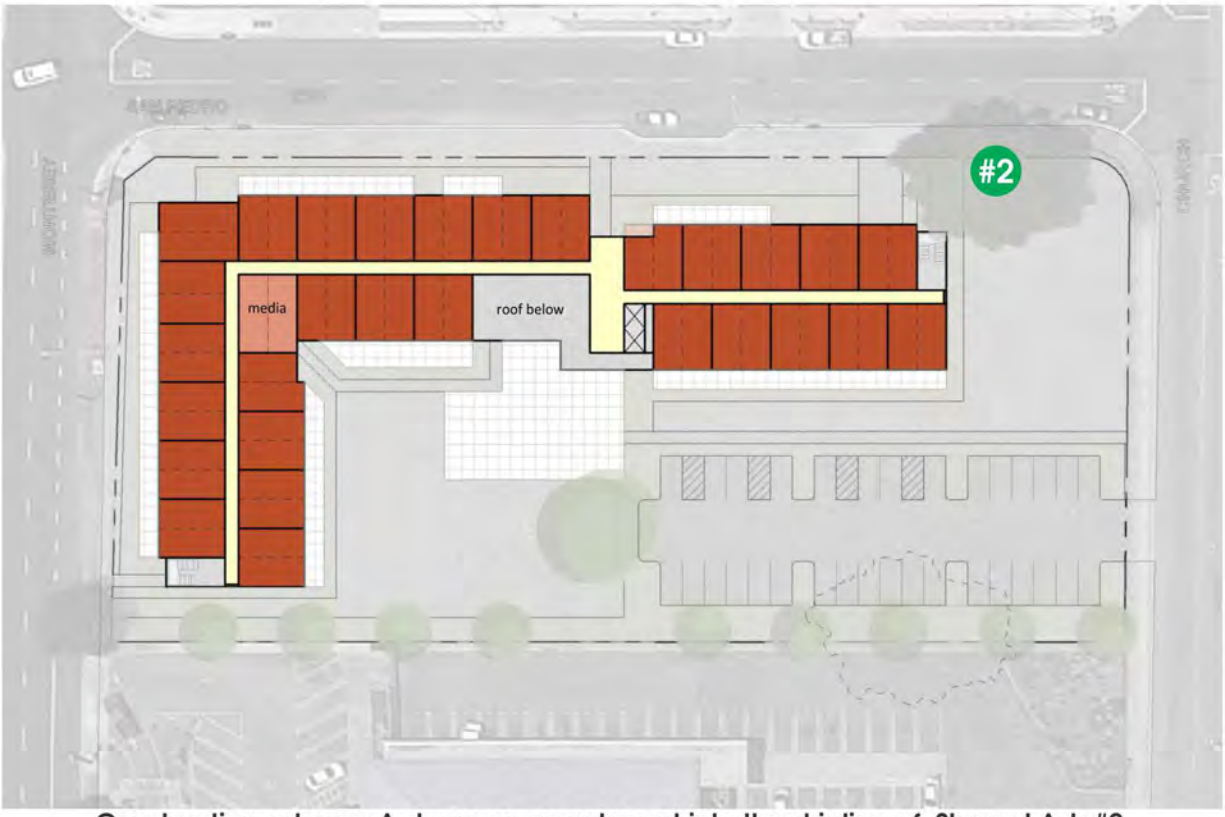
DBH-Diameter at breast height measured at 54" above grade unless otherwise indicated.
CANOPY-Diameter of the canopy spread, from tip to tip of the longest stems.
CONDITION-Ground based visual assessment of structural and physiolocical well-being (Good, Fair, Poor).
SUITABILITY-Determining a particular specimen's intrinsic value to be preservered based upon structural and physiological well-being, tolerance to withstand impacts, tree age, location, and expected longevity, species invasiveness (High, Moderate, Low).
INTENSITY-Determining the level of adverse impact upon a particular specimen (1 thru 5: 1 = high, 5 = Low).
TOLERANCE-Determining the relative tolerance for a particual specimen's ability to withstand adverse impacts (Good, Moderate, Poor).
PRESCRIPTION-fate of a particular specimen: Protect and preserve, monitor activities, or remove.

Tree Replacement Values (will vary based upon vendor):
15 gallon = $360.00; 24" boxed = $750.00; 36" boxed = $1550.00

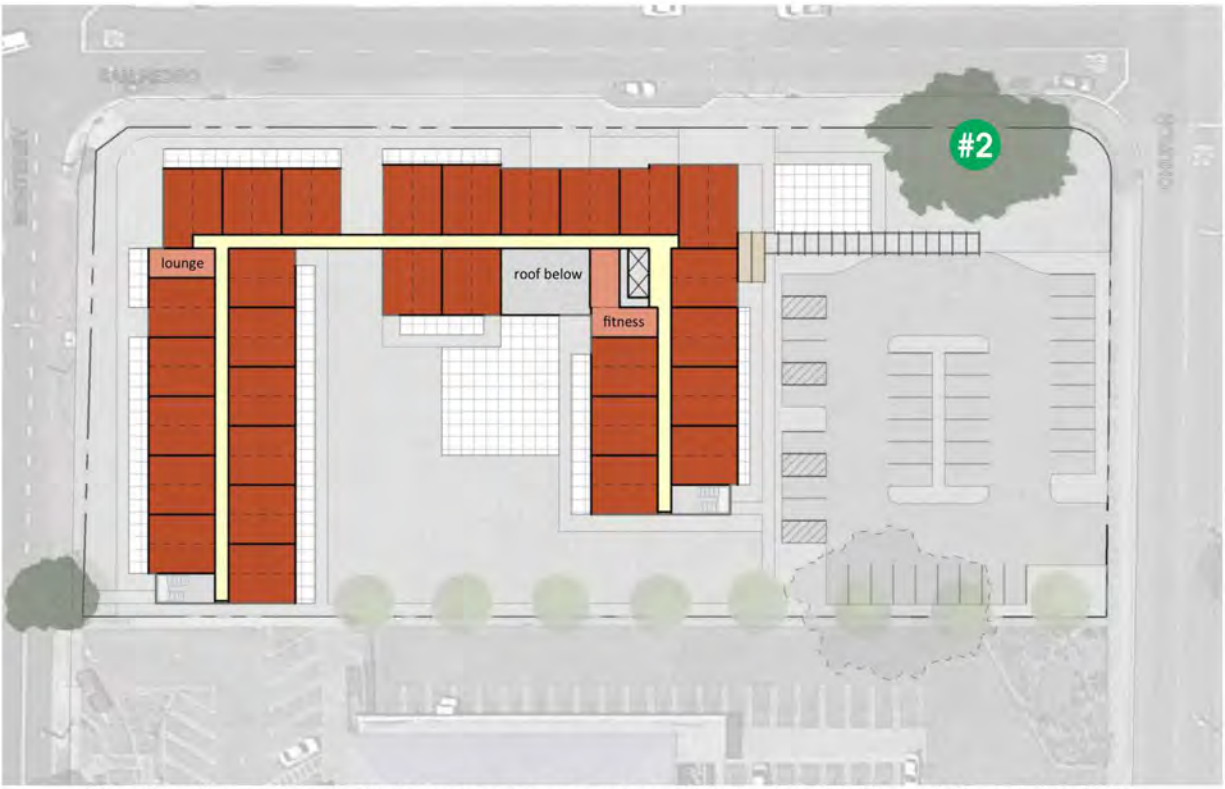
Appendix B: Tree Protection Zone Map



Appendix C: Proposed Site Plan Schemes A & B



Construction scheme A shows encroachment into the dripline of Shamel Ash #2.

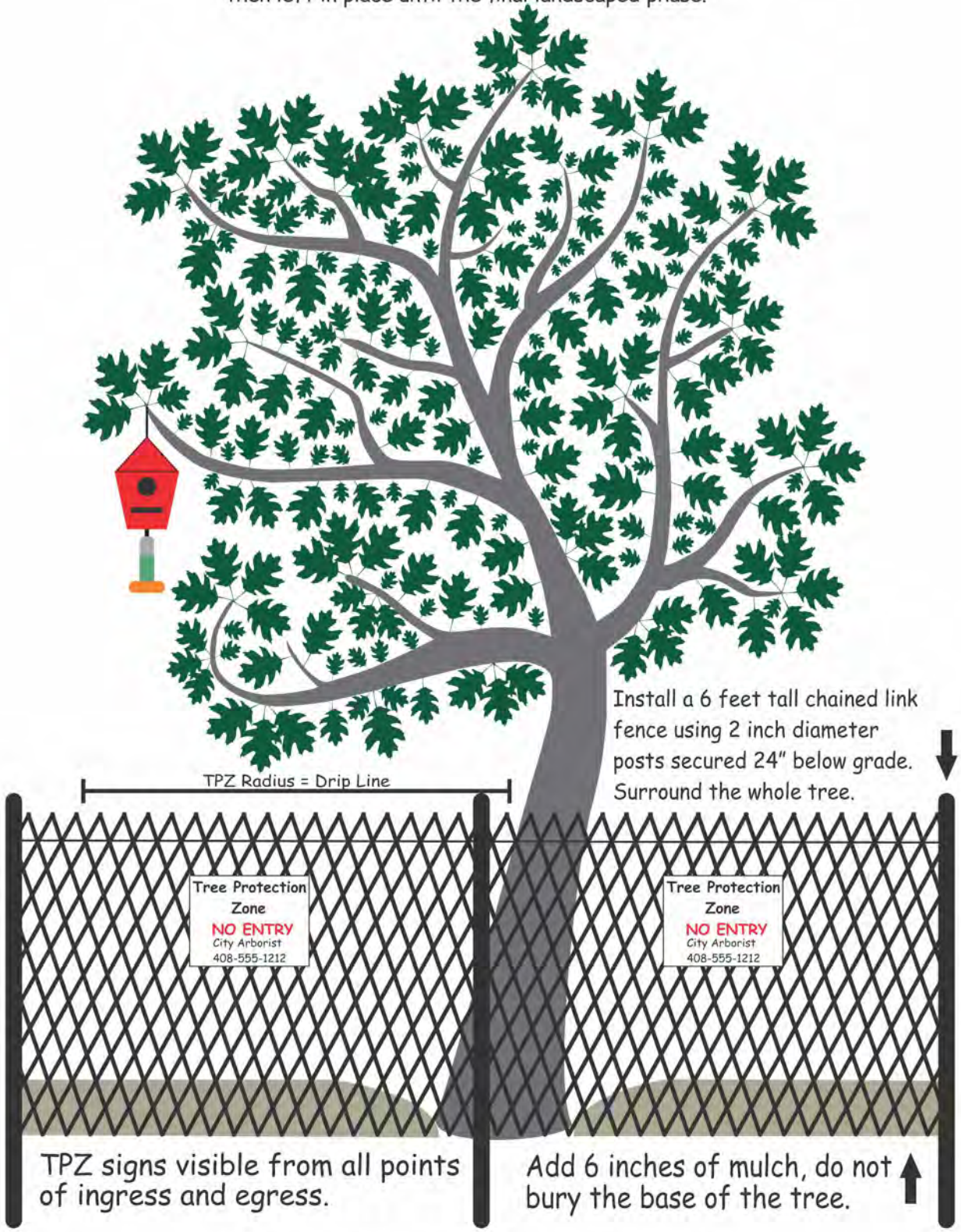


Construction scheme B shows no encroachment into the dripline of Shamel Ash #2.

Appendix D: Type I TPZ Diagram

Type I Tree Protection Zone

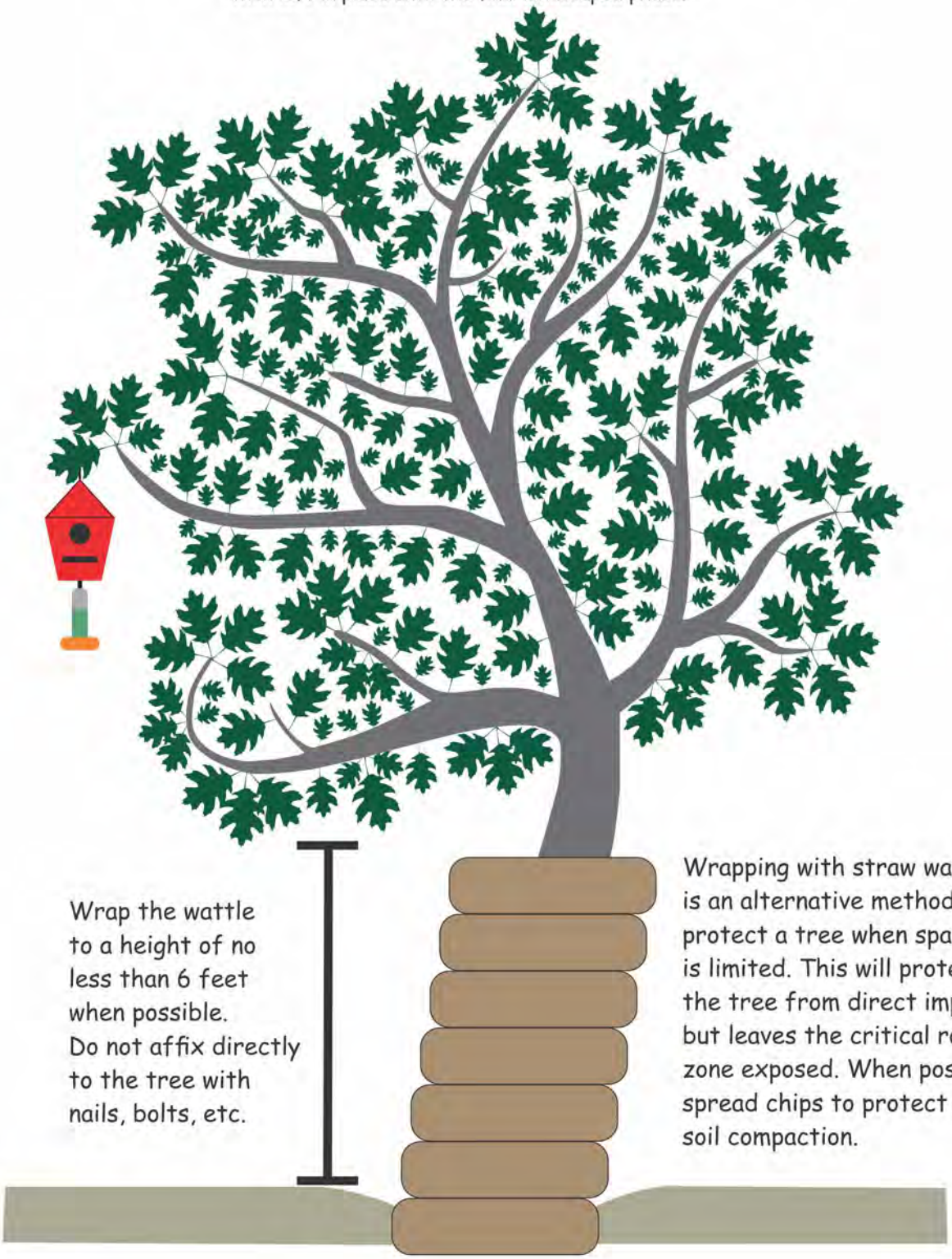
TPZ's are erected to protect a tree above and below ground from development activities. They are erected prior to beginning construction activities then left in place until the final landscaped phase.



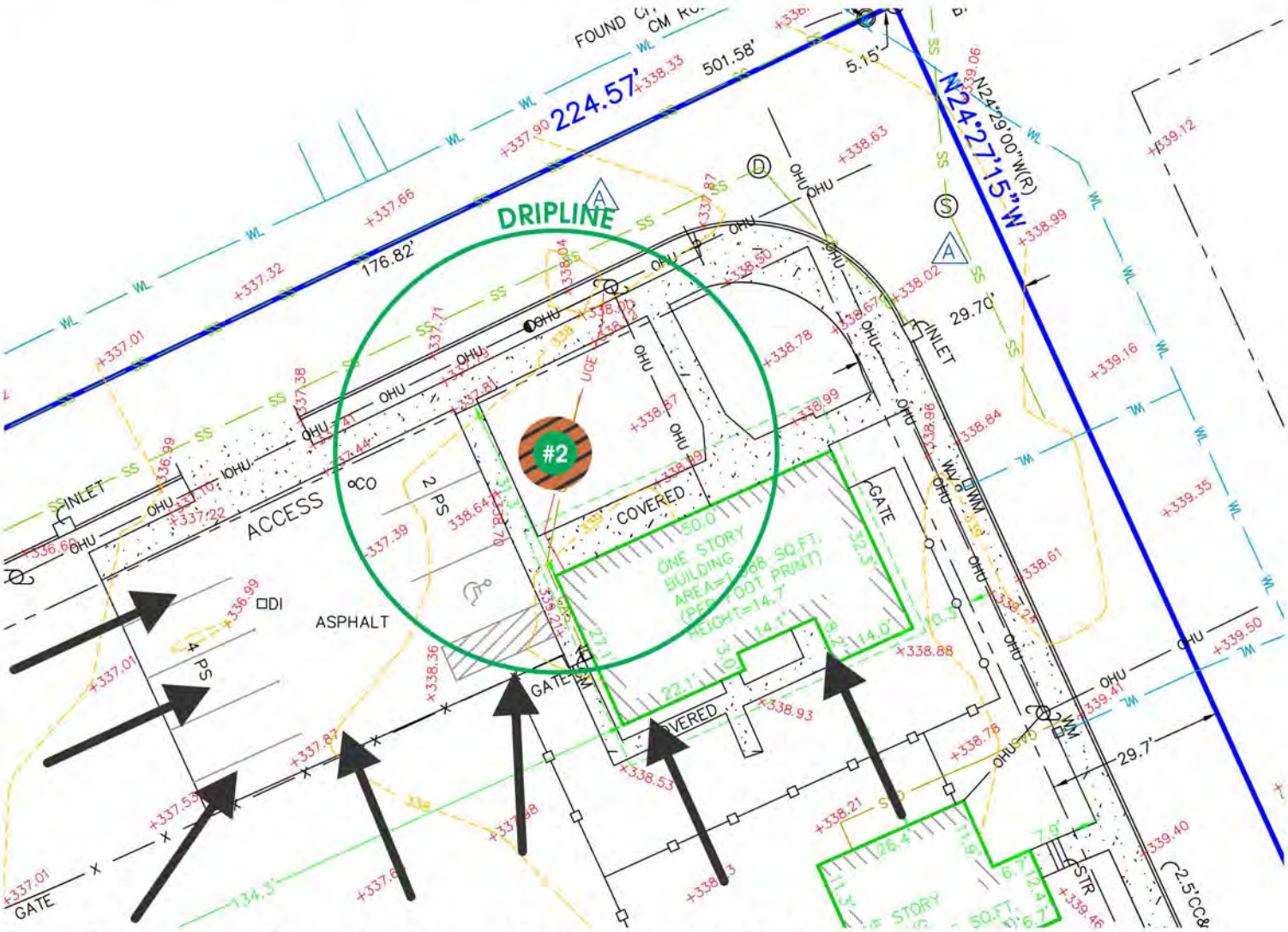
Appendix E: Type II TPZ Diagram

Type II Tree Protection Zone

TPZ's are erected to protect a tree above and below ground from development activities. They are erected prior to beginning construction activities then left in place until the final landscaped phase.



Appendix F: Protection guidelines during demolition.

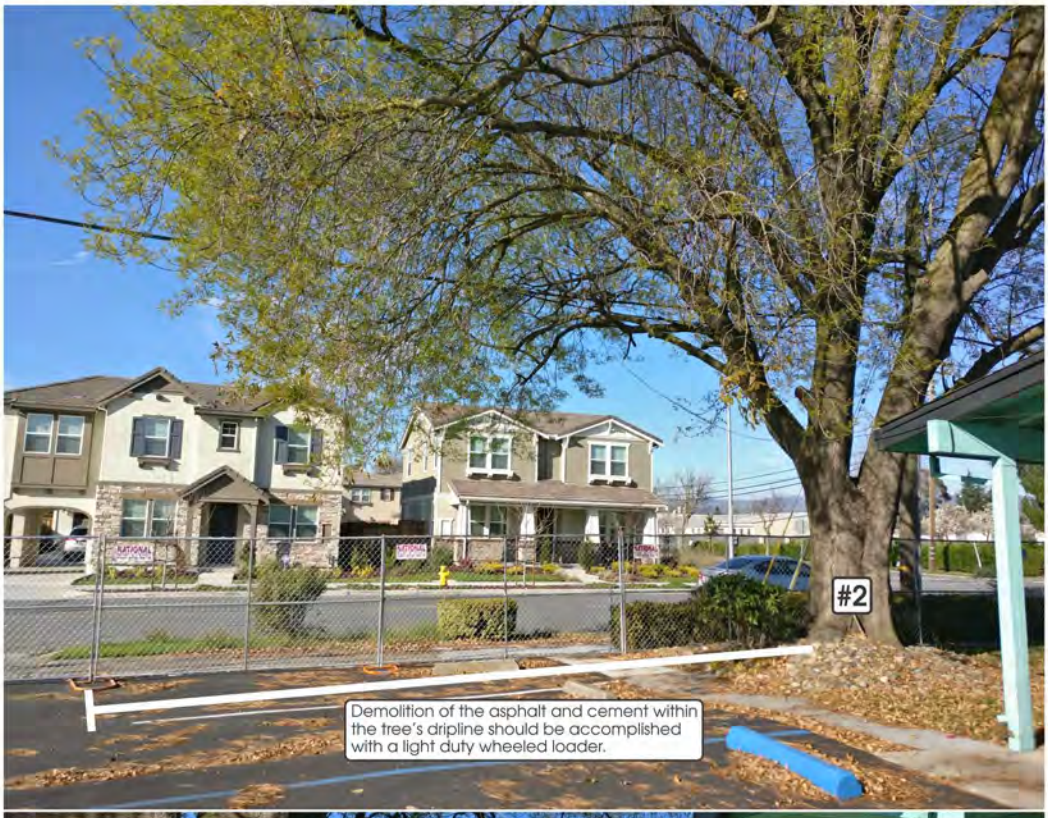


Demolition of the existing structure, asphalt, and cement in the areas nearest Shamel Ash #2 should commence from the directions shown to limit the potential for damaging the tree by direct impacts or soil compaction. Wrap the tree with straw wattle (Type II TPZ) to a minimum height of six feet prior to beginning. Care should be taken not to "rip or gouge" out the asphalt and cement located within the tree's dripline. Use of a light duty wheeled loader like a Bobcat outfitted with a jack-hammer is preferable for use when activities are within the tree's dripline. Apply 4" to 6" of wood mulch atop the CRZ at the completion of demolition, then erect a Type I TPZ fence with a radius equal the tree's dripline where possible or no less than 30'.

Appendix G: Photographs
G1: Deodar Cedar #1 (*Cedrus deodara*), removal.

G2: Shamel Ash #2 (*Fraxinus uhdei*), prune to raise canopy 15', install Type II TPZ wrap to a height of no less than 6', demolish structure and hardscape, apply 4" to 6" wood mulch to CRZ, erect Type I TPZ fence with a radius equal the tree's dripline where possible or no less than 30'.

G3: Shamel Ash #2 (*Fraxinus uhdei*)



G4: Deodar Cedar #3 (*Cedrus deodara*), removal.

G5: Coast Redwood #4 (*Sequoia sempervirens*), removal.

G6: Blue Gum Eucalyptus #5 (*Eucalyptus globulus*), removal.

G7: Edible Fig #6 (*Ficus carica*), removal.

G8: Coast Live Oak #7 (*Quercus agrifolia*), removal.

Appendix C

Historic Resource Analysis Study

HISTORIC RESOURCE ASSOCIATES
HISTORIC ARCHITECTURE • ARCHAEOLOGY • HISTORICAL & GENEALOGICAL RESEARCH
NATIONAL REGISTER NOMINATIONS • PRESERVATION PLANNING • HISTORIC INTERIORS

June 25, 2020

Nick Pappani
Raney Planning & Management, Inc.
1501 Sports Drive, Suite A
Sacramento, CA 95834

Re: Historical Resource Analysis Study of the Morgan Hill Senior Housing Project,
16685 Church Street and 94 San Pedro Avenue, Morgan Hill, Santa Clara County, CA

Dear Mr. Pappani:

As per your request, Historic Resource Associates (HRA) has prepared the following historical resource analysis study regarding a proposal to demolish and redevelop two properties, identified as Assessor's Parcel Number (APN) 817-02-001, located at 16685 Church Street and 94 San Pedro Avenue, Morgan Hill, Santa Clara County, California, to determine if the two properties at the aforementioned addresses are significant resources pursuant to the National Register of Historic Places (NRHP), and the California Register of Historic Resources (CRHR), as per the California Environmental Quality Act (CEQA) (Figure 1). Additional guidance for the study was found within the *Historic Context Statement for the City of Morgan Hill* prepared by Circa in October 2006.

According to the project design, HKIT Architects is submitting a Housing Application on behalf of non-profit sponsor Human Good Affordable Housing to construct a senior housing community on a two-acre site bounded by Monterey Road, San Pedro Avenue, and Church Street in Morgan Hill (Figures 2-3). The new community will be comprised of 81 one-bedroom apartments for low-income seniors; there will also be a 2-bedroom unit provided for an on-site Property Manager. The new development includes landscaping, a private south-facing courtyard, a shaded entry canopy to a garden waiting area for on-site resident pick-off/drop-off, and 37 off-street parking spaces.

The proposed three-story building would be comprised of fully-finished modular residential housing units with custom pitched roofs and awnings, a sophisticated array of exterior colors and building materials, and all sitework and landscaping constructed on-site by a general contractor. The residential building will feature two elevators, a ground floor lobby and lounge, management offices, utility rooms, a central laundry room, a media room, a fitness room, and a patio overlooking Monterey Road/San Pedro Avenue.

3142 Bird Rock Road
Pebble Beach, CA 93953
Office: 831-641-7474
Mobile: 916-296-4334
Email: historic.resource@comcast.net

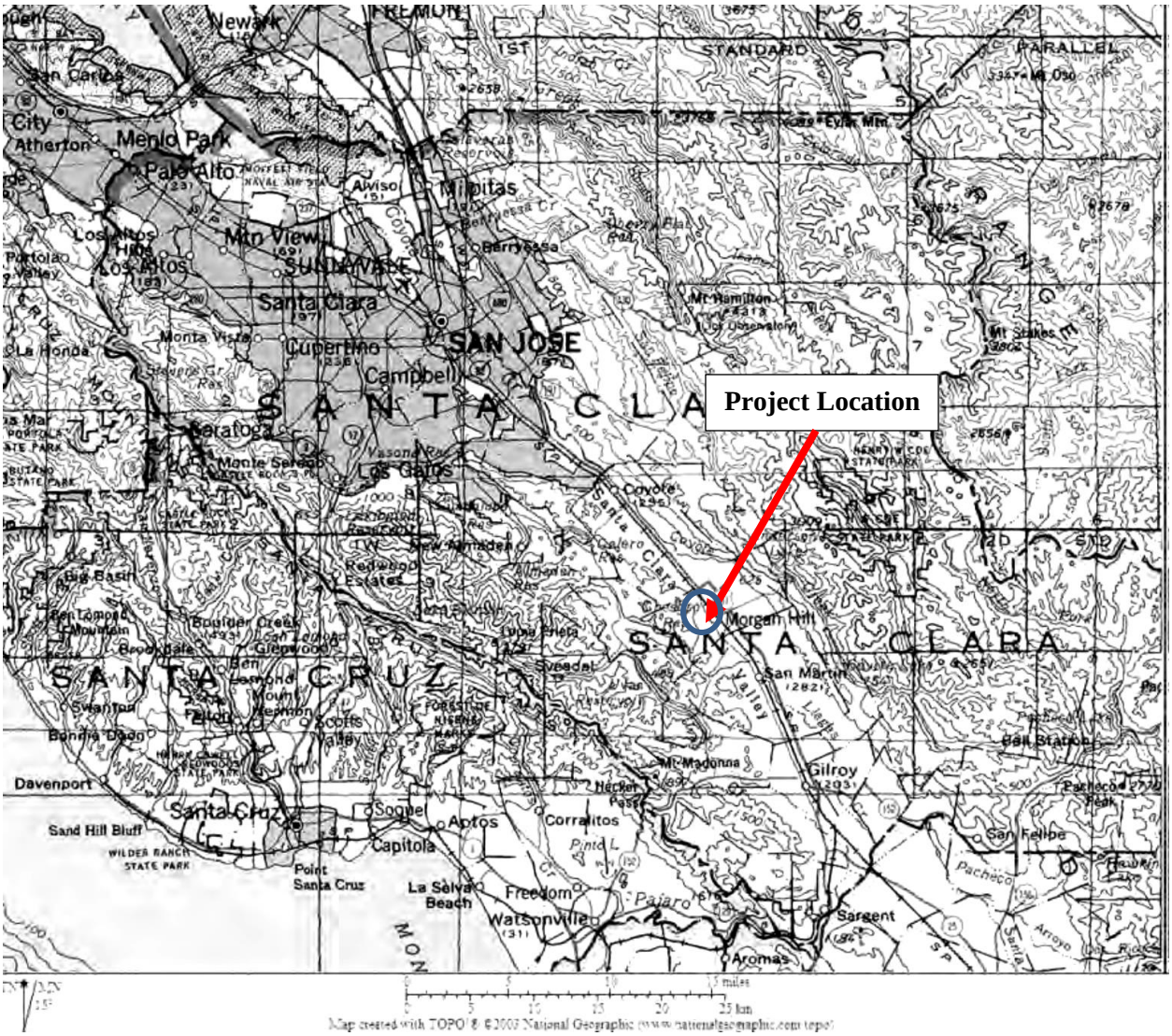


Figure 1: Project Location Map

Figure 2: Conceptual Design of the Morgan Hill Senior Housing Project (Courtesy HKIT Architects).

Figure 3: Aerial Photograph depicting the project site.

Figure 4: Aerial Photograph depicting the three buildings that lie within the proposed project site.

HISTORIC CONTEXT

Morgan Hill began as a railroad stop at the end of the nineteenth century, near the ranch home of Hiram Morgan and Diana (Murphy) Hill, and continues to serve as it first did, as an agricultural center; however, it now also acts as home to over 33,000 residents in its South County location. Incorporated in 1906, Morgan Hill spreads out along twelve square miles across the valley from the spurs of the Diablo Range to the foothills of the Santa Cruz Mountains; north of Gilroy and touching a portion of south San José, it is surrounded on most sides by unincorporated County, including the unincorporated community of San Martin.[1]

Morgan Hill is located in southern Santa Clara Valley, approximately 12 miles south of San Jose, 10 miles north of Gilroy, and 15 miles inland from the Pacific Coast. The Valley is approximately 4 miles wide and is surrounded by the Santa Cruz mountain range to the west, and the Diablo mountain range to the east. Parks and open spaces abound, making Morgan Hill one of the last communities in the region with a charming, small-town atmosphere.

Prior to the arrival of Spanish expeditions enroute from Mexico, peaceful tribes of Native Americans had inhabited the lush Santa Clara Valley for more than 6,000 years. Under Spanish

[1] Archives and Architecture, LLC., *Historic Context Statement for the County of Santa Clara*. Prepared for Santa Clara County Department of Planning and Development, December 2004 (revised February 2012), p. 77.

and Mexican jurisdictions, instituted in 1778, a vast region that includes present day Morgan Hill was one of the most substantial Spanish land grants for nearly three-quarters of a century.

In 1845, Martin Murphy, Sr. acquired 9,000 acres known as the *Rancho Ojo de Agua de la Coche*. Murphy had been a leader of the first party of pioneers to cross the Sierra Nevada range at Truckee Pass, later to become the route for the Southern Pacific Railroad. The Murphy family made its home in the valley below El Toro Mountain. By 1870 Martin's 7 sons and daughters had managed to acquire more than 70,000 acres in the area.

In 1851, the youngest son, Daniel, married Maria Fisher, heiress to the neighboring 19,000-acre *Rancho Laguna Seca*. In 1882, Diana, their precocious daughter, secretly married Hiram Morgan Hill. When Daniel Murphy died, Diana inherited 4,500 acres of their original rancho in the shadow of El Toro. This would be known as the Morgan Hill Ranch.

Diana and Hiram Morgan Hill built their country estate, Villa Mira Monte, between the railroad and Monterey Road in 1884. When the first Southern Pacific station was built in 1898, the railroad referred to this area as Huntington. Because many visitors would request the train stop at "Morgan Hill's Ranch," the stop became known as Morgan Hill. The City adopted this name when it incorporated in 1906.

By 1896, the growing community had a population of 250, with a post office, depot, 2 hotels, a restaurant, and several churches and shops. There was much controversy over the incorporation of the city. The Times printed many editorials supporting the issue, while those opposed were fearful of higher taxes. Nevertheless, the "yes" vote won by a margin of 65-36 and Morgan Hill became incorporated November 10, 1906. By 1909 the population rose to 1,000.

In the early 1880's, much of Morgan Hill's land holdings were turned over to C.H. Phillips Land Company for subdivision and sale. This development shaped the town of Morgan Hill. The 1st school was built in 1894, but was soon outgrown and in 1907 a new elementary school and high school were constructed. Then in 1924 architect William H. Weeks designed and built a new grammar school, selling the old Morgan Hill Grammar School Building to the Morgan Hill Grange Association. By the 1920s, the city was known for its agricultural products including prunes, apricots, peaches, pears, apples, walnuts, and almonds. The region boasted prosperous vineyards until Prohibition demanded that production temporarily cease.

The historic context for the subject properties located at 16685 Church Street and 94 San Pedro Avenue in Morgan Hill, falls within the early to mid-twentieth century, when communities like Morgan Hill were dependent largely on an agricultural economy that consisted of fruit production as large ranches began to be subdivided into smaller parcels or ranchettes.[2] The project area lies within the lands formerly owned by Catherine Dunne, otherwise referred to as the Catherine Dunne Ranch "Burbank & Devendorf's Subdivision No. 5 (Figure 5).

[2] Circa. *Historic Context Statement for the City of Morgan Hill: Final Report*, Morgan Hill, California, October 2006; Archives and Architecture, LLC., *Historic Context Statement for the County of Santa Clara*. Prepared for Santa Clara County Department of Planning and Development, December 2004 (revised February 2012), p. 43-45.

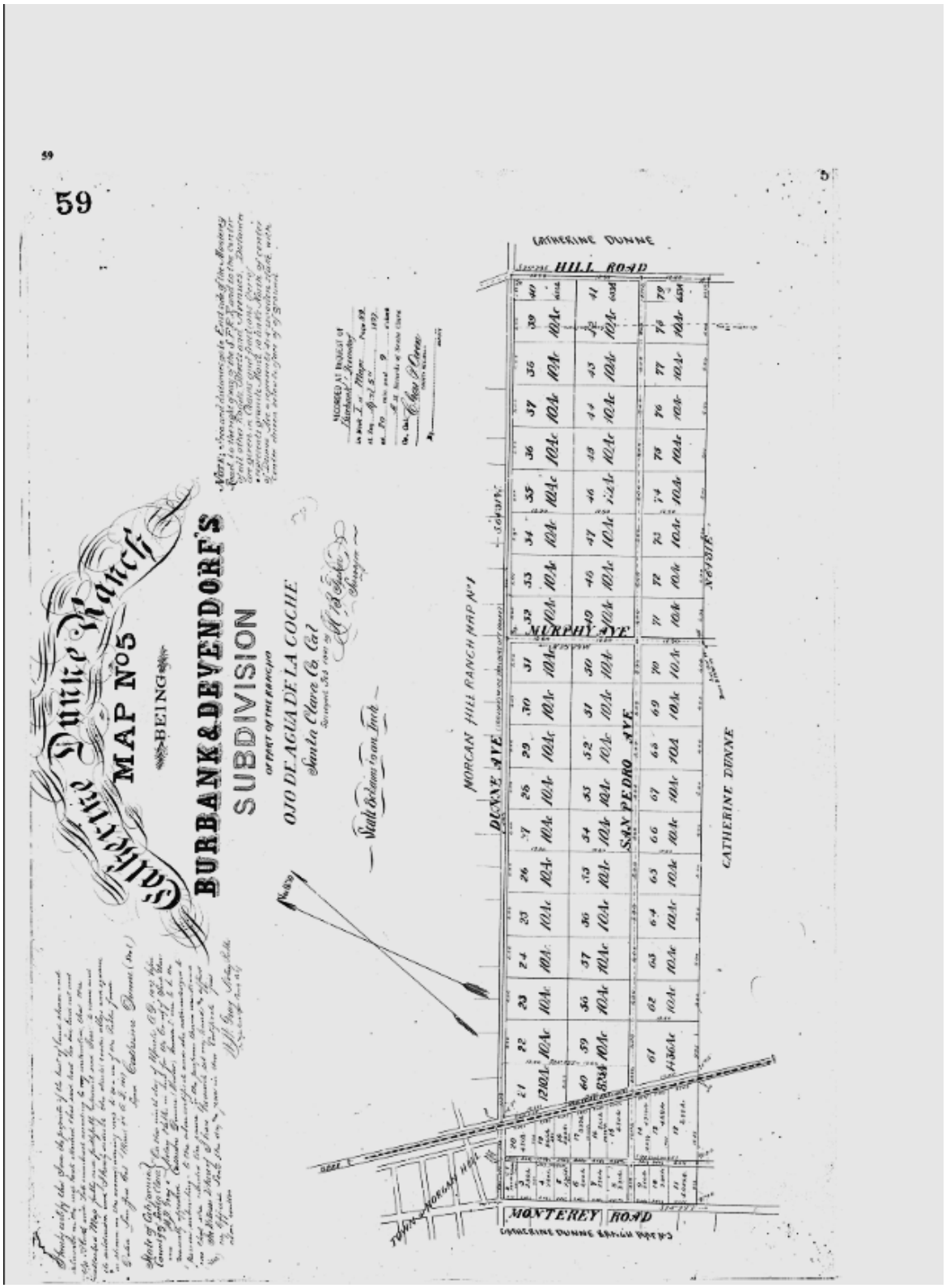


Figure 5: Catherine Dunne Ranch, Map No. 5 Subdivision, April 5, 1897.

If the two USGS topographic maps illustrated in Figures 6 and 7 are accurate, there was minimal development in the core of Morgan Hill between 1917 and 1939. Examining the two maps, the major difference appears to be the planting of orchards prior to 1939 on the east side of what was the Monterey Highway (State Highway 101), which followed the railroad tracks through the city.

Figure 6: Morgan Hill, CA USGS Topographic Map, 1917

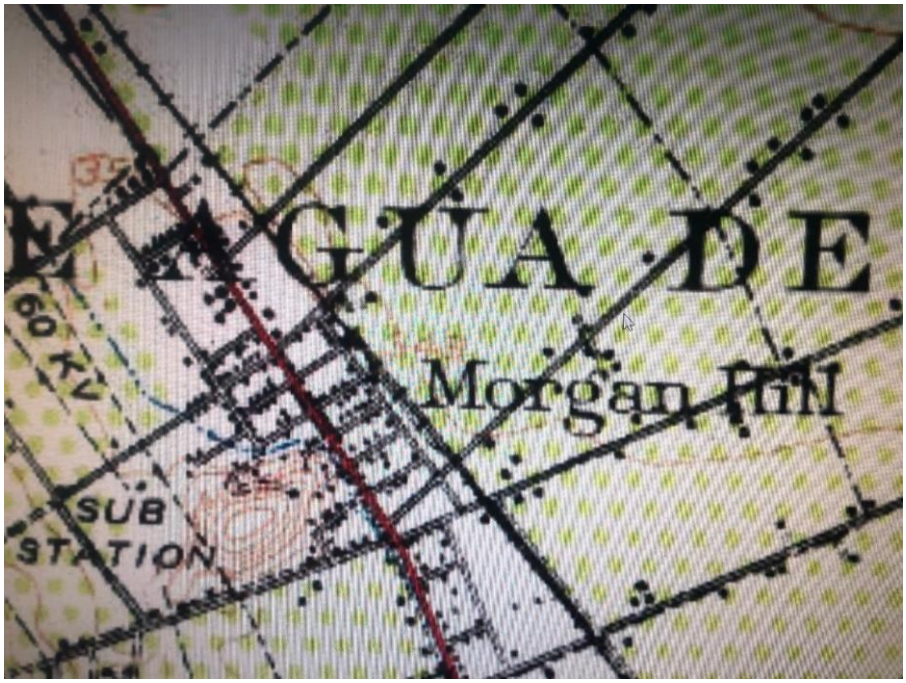


Figure 7: Morgan Hill, CA USGS Topographic Map, 1939.

During the 1950s, Morgan Hill experienced a slow economic transformation from an agricultural center to a suburban residential community. Growth began to accelerate rapidly in the 1970s as Silicon Valley developed and workers were attracted to Morgan Hill's small-town atmosphere, sense of community, and more affordable housing prices. On November 3, 1973, the Morgan Hill Civic Center and library were proudly dedicated to the community of 7,000. By 1980, the population increased to approximately 18,000 residents. The 2000 U.S. Federal Census confirmed that 33,000 citizens called Morgan Hill their home.[3]

Figure 7 illustrates the slow development of the downtown corridor prior to 1955. The USGS map (Figure 8) clearly delineates two buildings on the west side of Church Street near the intersection of San Pedro Avenue and the demise of the orchards to the east of the railroad tracks. The northernmost building represents 16685 Church Street and the southernmost building represents the garage for the residence (refer to red arrow). The residence reflects an extremely modified Craftsman style residence, while the garage built in the late 1940s or 1950s reflects a vernacular form of architecture.[4]

Figure 8: Morgan Hill, CA USGS Topographic Map, 1955.

[3] City of Morgan Hill Website. "History." https://www.morgan-hill.ca.gov/315/History. Accessed June 17, 2020; Morgan Hill Historical Society Website. https://www.morganhillhistoricalsociety.org/centennial-history-trail. Accessed June 18, 2020.

[4] Kenneth, ed. *The Arts and Crafts Movement in California: Living the Good Life*, New York: Abbeville Press Publishers, 1993; McAlester, Lee. *Field Guide to American House.* New York: Knopf. 1984

As previously noted, the subject parcel was once part of the sprawling ranch owned by Catherine Dunne. By the late nineteenth century, most of the Dunne Ranch property had been subdivided into small ranchettes, and the subdivision was marketed in a well-publicized campaign by San Francisco real estate agents J. P. Massie Co.[5] Based upon historic documents, including a title search prepared by First American Title Insurance Company, the subject parcel was part of the Catherine Dunne Ranch Map No. 5. The map was recorded on April 5, 1897 (Santa Clara County, Maps, Book I, Page 59). The years of the Catherine Dunne Ranch subdivision coincided with the founding of the community of Morgan Hill in 1897 and its incorporation as a City in 1906.[6] The subdividing of the Dunne Ranch also coincided with the expansion of small orchards and farms in and around Morgan Hill.

PROPERTY DESCRIPTION

As previously described, the parcel includes two detached dwelling units and a garage, which are currently zoned commercial. Based upon historic maps and aerial photographs, the first dwelling to be constructed on the parcel is located at 16685 Church Street (Figure 9). It is believed that the residence was built in the 1920s, and, based upon title information, the property was owned by Vito and Rose Pileggi.[7]

Figure 9: View looking northwest at 16685 Church Street (June 2020)

[5] Archives and Architecture, LLC. Coyote Highlands Historic Resource Evaluation. Prepared for Panorama Environmental, Inc. August 2012, p. 13. U.S. Federal Census and City and County directories also spell Pileggi as Pillegi and Pilleggi.
[6] Ibid, 13.
[7] First American Title Insurance Company, File No: NCS-1006163-WA1, Abstract of Title, March 6, 2020.

Figure 10 depicts one residence within the project area. The dwelling to the north had not yet been built when the aerial photograph was taken in 1948.

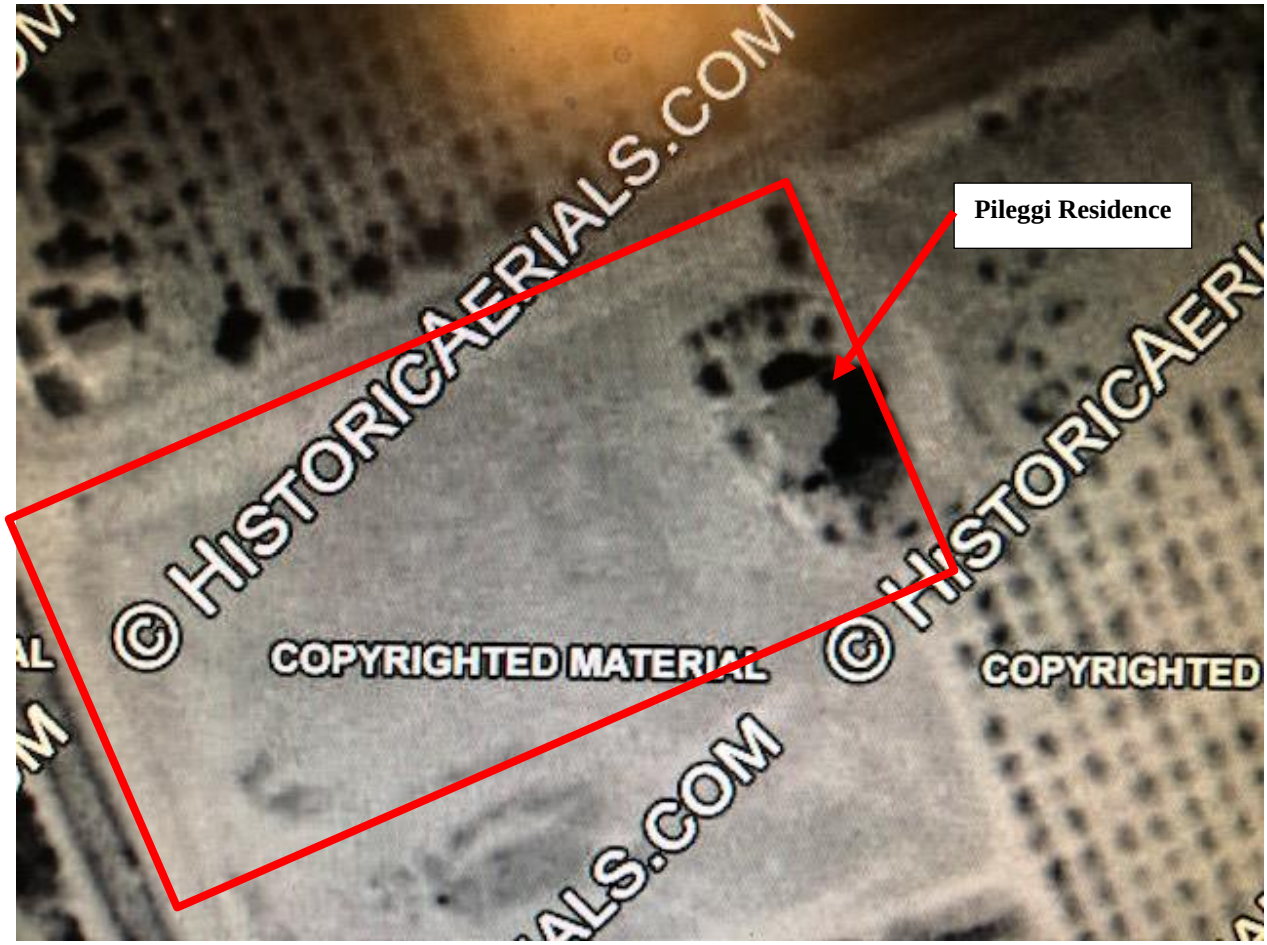


Figure 10: Aerial photograph of the project site, 1948 (courtesy of HistoricAerials.com). Note that the image shows only one dwelling on the parcel believed to be 16685 Church Street. The building to the north and garage were not yet constructed when the aerial photograph was taken.

In 1927, Vito and Rose Pillegi are listed as living in Morgan Hill. Vito is listed in the county directory as a farmer.[8] According to United States Federal Census records for 1930, Rose Pilleggi is listed as having been born in Washington in 1903, was widowed, and had a daughter. She lived on San Pedro Avenue and her parent were born in Italy. She worked as a sales lady at a dry goods retailer. Living with Pilleggi were Paul Tigwanelli (age 56), Constance Tigwanelli (age 58), and Paul Tigwanelli Jr. (age 20).[9] In 1930, there was no listing for Church Street, and Morgan Hill was listed in the United States Federal Census as "Burnett." The U.S. Federal Census for 1940 lists Rose Pillegi, now 37 years of age, living on East San Pedro Avenue and working as a bottle laborer in a nearby winery. If so, the Pileggi farm may have been located to the east of the project area

[8] Santa Clara Business Directory, 1927. www.Ancestry.com. Accessed June 2020.
[9] United States Federal Census 1930, Burnett [Township] Santa Clara County, California.

along San Pedro Avenue where larger acreage was available. Figure 11 illustrates the lands owned by R. Pileggi in 1966. The R. Pileggi is likely Richard Pileggi, the son of Rose Pileggi, who was born in 1926, based upon federal census data. In the 1940s, Rose, now a widow, was living with Paul Gignanelli, Michael Gignanelli, Concheta Gignanelli, Florence Pillegi (19 years old), Joseph Pillegi (17 years old), and Richard Pillegi (14 years old). By the 1950s, Rose Pilleggi is listed as living on Monterey Road, perhaps on the subject property, although by the 1960s she had moved to Gilroy. Rose reportedly died in Carson City, Nevada on February 15, 1995 at the age of 93.[10]

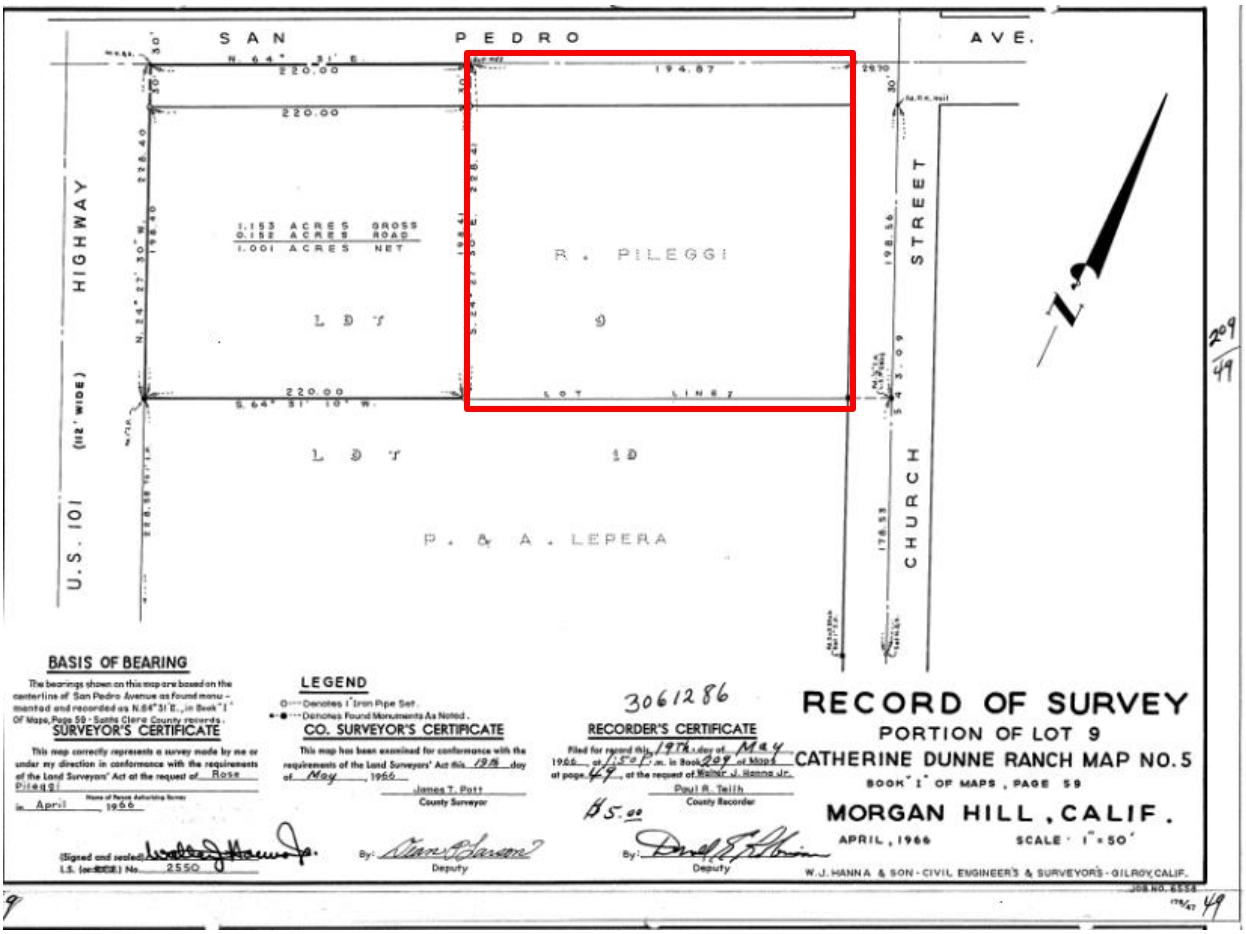


Figure 11: Record of Survey showing the lands of R. Pileggi at the intersection of San Pedro Avenue and Church Street, April 1966.

By 1956, based upon aerial photographs, the garage to the south of the original residence had been constructed. By 1971, the large orchards to the east across Church Street are gone, however, a small remnant orchard exists to the north bordering San Pedro Avenue. At that time, the second residence facing San Pedro Avenue had yet to be built (Figure 12).

[10] United States Federal Census 1940, Morgan Hill, California; Ancestry Website. www.Ancestry.com. Accessed June 2020.

Figure 12: Aerial photograph of the project site, 1971 (courtesy of HistoricAerials.com). The image shows only one dwelling and a garage on the parcel, at 16685 Church Street. The building to the north at 94 San Pedro Avenue was not constructed when the aerial photograph was taken.

By 1981, based upon aerial photographs, the dwelling to the north, located at 94 San Pedro Avenue, had been constructed and the residence at 16685 Church Street appears to have undergone a series of additions (Figure 13).

Figure 13: Aerial photograph of the project site, 1981 (courtesy of HistoricAerials.com). Note that the image now shows two dwellings on the parcel and a number of additions to the original dwelling. All the orchards surrounding the parcel have disappeared as well.

Figures 14-23 illustrate the existing residence at 16685 Church Street, including photographs of the residence before it was boarded up.

Figure 14: View looking west at the front or east elevation of 16685 Church Street. Note that the commercial beveled wood siding is original, but the front door is contemporary.

Figure 15: View looking at the rear of the house with an addition to the right and a small shed addition to the back.

Figure 16: View of the northwest elevation of the residence looking towards Church Street. On the left is a later addition, as is the gabled addition on the rear of the house. The additions are believed to represent bathrooms or a kitchen.

Figure 17: View looking west at the wood and masonry single-car garage to the left or south of the residence.

Figure 18: View of the rear or west elevation of the residence, looking south.

Figure 19: View looking east at the north elevation of the residence.

Figure 20: View looking west at the north extension of the residence.

Figure 21: View looking southwest at the front or east elevation of the residence.

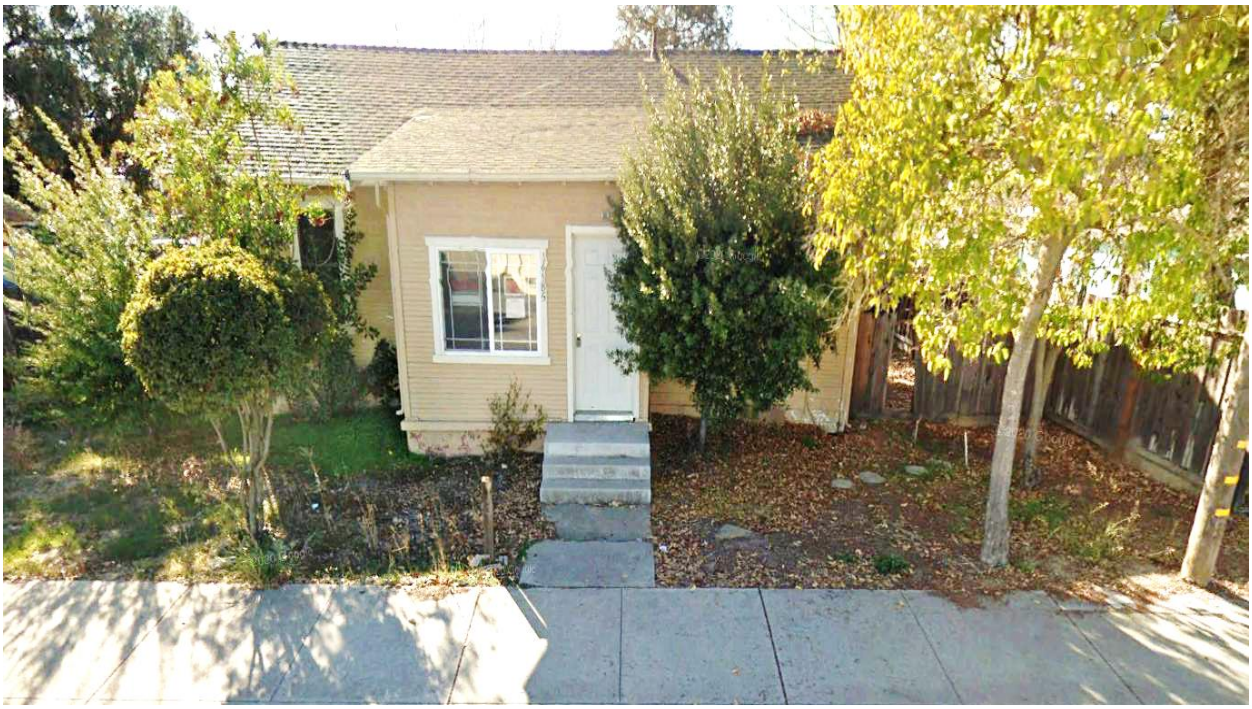


Figure 22: View looking southwest at the front or east elevation of the residence, circa 2018. Note that the windows in the house have been replaced with contemporary vinyl windows.

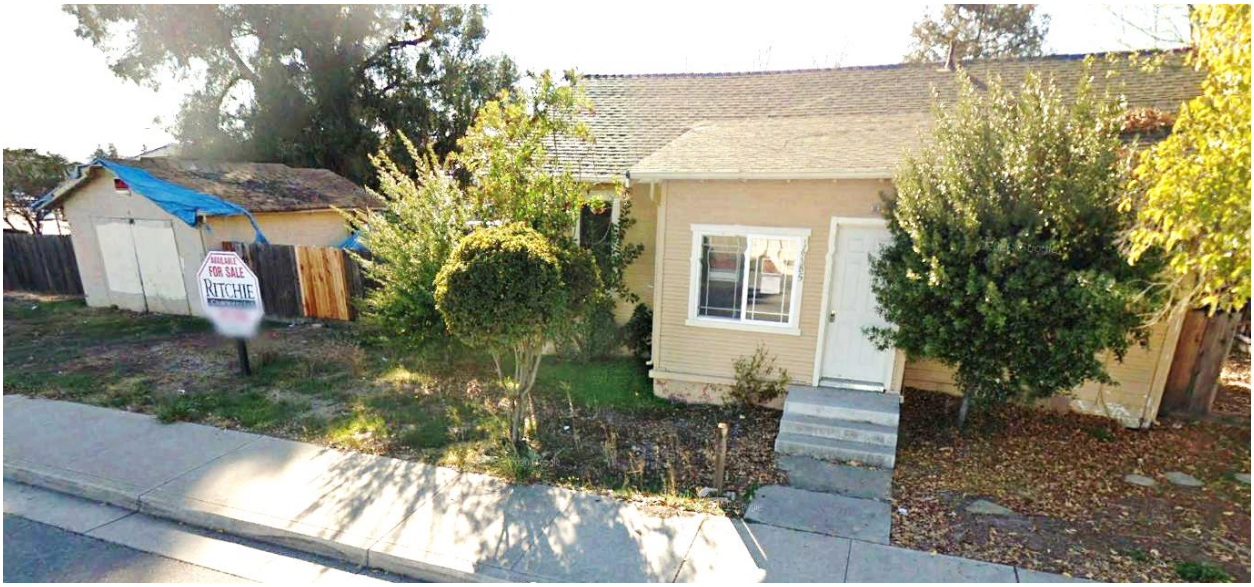


Figure 23: View looking southwest at the front or east elevation of the residence, circa 2018.

Immediately north of 16685 Church Street is a second residence, being part of Lot 9, and enumerated at 94 San Pedro Avenue (Figures 24-30). This residence, used in the recent past as a retail craft store, appears to have been built in the early to mid-1970s. The single-story, wood-frame building is generally described as a "California Ranch" style residence. The residence

features exterior stucco wall cladding, a shallow gable roof clad with asphalt shingles, and a full front porch supported by wood columns. Large picture windows line the front of the building flanking the main entry door, all of which are currently boarded up. The rear or south elevation of the residence has been extended with a shed roof. The building is accented by a large deciduous tree, hedges, and concrete walkway. An asphalt parking lot abuts the building to the west.

Figure 24: View looking south across San Pedro Avenue at the north elevation of 94 San Pedro Avenue.

Figure 25: Close-up of the front or north elevation of 94 San Pedro Avenue.

Figure 26: View looking west at the northeast elevation of 94 San Pedro Avenue.

Figure 27: View looking east at the west elevation of 94 San Pedro Avenue.

Figure 28: View looking south at the front porch of 94 San Pedro Avenue.

Figure 29: View looking southwest at the front porch of 94 San Pedro Avenue, circa 2018, when it was a retail business "Craft Shop."

Figure 30: View looking south at the front porch of 94 San Pedro Avenue, circa 2018, when it was a retail business "Craft Shop."

In December 2019, the subject properties were acquired by the Morgan Hill Senior Housing L.P., a limited partnership. Since then the properties have been boarded up to secure them from vandalism. The parcel to the west was acquired from Gary Zanardi, Trustee of the Zanardi Exemption Trust, which is vacant land, and the parcel with the two buildings in the project acquired from Minh Quang Thai, a married man as his sole and separate property, as to an undivided 75% interest and Clive Fuller, an unmarried man, as to an undivided 25% interest, as tenants in common.[11]

[11] First American Title Insurance Company, File No: NCS-1006163-WA1, Abstract of Title, March 6, 2020.

REGULATORY FRAMEWORK

The County of Santa Clara, through its General Plan, considers heritage resources as those particular types of resources, both natural and man-made, which due to their vulnerability or irreplaceable nature deserve special protection if they are to be preserved for current and future generations. Heritage resources are considered important for a variety of reasons, including potential scientific value, cultural and historical value, and "place" value, in addition to their irreplaceability. Knowledge of the natural world, understanding of cultural origins, continuity with the past, and the sense of place that defines us and distinguishes Santa Clara County from all other places are all enhanced through heritage resource preservation. In the face of increasing homogenization, urbanization, and anonymity of American culture and places, resources unique to each region and locality become even more significant. More than curiosities, landmarks by which to navigate, or tourist attractions, heritage resources should be considered the birthright of successive generations of residents. If preserved and integrated with the new, our historic buildings, groves of trees, and other resources immeasurably enrich the experience of urban and rural landscapes. Rehabilitation and restoration for new uses or for commemoration, especially within older, central urban communities can also help revitalize economies and reverse urban decline in ways urban "renewal" programs of the recent past often failed to do.

Cultural heritage resource protection consists of three basic strategies in the County of Santa Clara General Plan; Inventory and Evaluate Heritage Resources, Prevent or Minimize Adverse Impacts on Heritage Resources, and Restore, Enhance and Commemorate Resources. In keeping with the General Plan policies on cultural resources, the County of Santa Clara has adopted a Historical Preservation Ordinance (Division C17 of the Santa Clara County Code, Ordinance No. NS-1100.96, 10-17-06). The purpose of the ordinance is for the preservation, protection, enhancement, and perpetuation of resources of architectural, historical, and cultural merit within Santa Clara County and to benefit the social and cultural enrichment, and general welfare of the people. The County mains a Heritage Resource Inventory and list of designated Landmarks. Historic resources are evaluated according to criteria outlined in Article II of the Division C17, Chapter 3.50 of the Zoning Ordinance, or Coyote Highlands 24 Historic Resource Evaluation division C16 of the County Code. The Board of Supervisors has the authority to designate as Landmarks properties that meet the following criteria:

A. Fifty years or older. If less than 50 years old, sufficient time must have passed to obtain a scholarly perspective on the events or individuals associated with the historic resource and/or the historic resource is a distinctive or important example of its type or style; and

B. Retains historic integrity. If a historic resource was moved to prevent demolition at its former location, it may still be considered eligible if the new location is compatible with the original character of the property; and

C. Meets one or more of the following criteria of significance:

1. Associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the United States;

2. Associated with the lives of persons important to local, California or national history;

3. Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of a master or possesses high artistic values; or

4. Yielded or has the potential to yield information important to the pre-history or history of the local area, California, or the nation.

In addition, the *Historic Context Statement for the City of Morgan Hill* (2006) provides a base level of information to interpret historic resources within the city and place them within a specific temporary period or theme.[12]

California Register of Historical Resources

The California Register, which is reflects similar criteria used by Santa Clara County was created to identify resources deemed worthy of preservation and was modeled closely after the National Register. The criteria are nearly identical to those of the National Register, which includes resources of local, state, and region or national levels of significance. The California Register automatically includes properties listed in the National Register, determined eligible for the National Register either by the Keeper of the National Register or through a consensus determination on a project review, State Historical Landmarks from number 770 onward, and California Points of Interest nominated from January 1998 onward. Properties are also listed by application and acceptance by the California Historical Resources Commission The significance criteria for the California Register are oriented to document the unique history of California. The California Register is a guide used by state and local agencies, private groups and citizens to identify historical resources throughout the state. The types of historical resources eligible for listing in the California Register include buildings, sites, structures, objects and historic districts. Under California Code of Regulation Section 4852(b) and Public Resources Code Section 5024.1, an historical resource generally must be greater than 50 years old and must be significant at the local, state, or national level under one or more of the following four criteria:

1. It is associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the United States.

2. It is associated with the lives of persons important to local, California, or national history.

3. It embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of a master or important creative individual, or possesses high artistic values.

[12] Circa. October 2006.

4. It has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation.

If nominated for listing in accordance with the procedures outlined in Public Resources Code Section 5024.1(f), the California Register may include:

(1) Individual historical resources.

(2) Historical resources contributing to the significance of an historic district under criteria adopted by the Commission.

(3) Historical resources identified as significant in historical resources surveys, if the survey meets the criteria in Public Resources Code Section 5024.1(g).

(4) Historical resources and historic districts designated or listed as city or county landmarks or historic properties or districts pursuant to any city or county ordinance, if the criteria for designation or listing under the ordinance have been determined by the State Historic Resources Officer to be consistent with California Register criteria adopted by the Commission.

(5) Local landmarks or historic properties designated under any municipal or county ordinance.

California Environmental Quality Act

A project with an effect that may cause substantial adverse change in the significance of an historical resource is a project that may have a significant effect on the environment under the California Environmental Quality Act (CEQA). An "Historical Resource" includes those listed in or determined to be eligible by the State Historical Resources Commission, a resource included in a local register that meets the requirements for listing in the California Register, and any object, building, structure, site, area, place, record, or manuscript which an agency such as the County of Santa Clara determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, education, social, political, military, or cultural annals of California, provided that the determination is supported by substantial evidence in light of the whole record. Generally, the County of Santa Clara is required to consider historical significance if a resource meets the criteria for listing on the California Register under the criteria previously stated. The fact that a resource is not listed in, or determined to be eligible for listing in, the California Register - or is not included in a local register or identified in an historical resources survey meeting the specified criteria - does not preclude an agency, such as the City of Morgan Hill or the County of Santa Clara, from determining that the resource may be an historical resource under CEQA.

The National Register of Historic Places (NRHP) is the United States' official list of districts, sites, buildings, structures, and objects worthy of preservation. Overseen by the National Park Service, under the U.S. Department of the Interior, the NRHP was authorized under the National Historic Preservation Act, as amended. Its listings encompass all National Historic Landmarks and historic areas administered by the National Park Service.

NRHP guidelines for the evaluation of historic significance were developed to be flexible and to recognize the accomplishments of all who have made significant contributions to the nation's history and heritage. Its criteria are designed to guide federal agencies, state and local governments, and others in evaluating potential entries in the NRHP. For a property to be listed in or determined eligible for listing, it must be demonstrated to possess integrity and to meet at least one of the following criteria:

The quality of significance in American history, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and:

A. That are associated with events that have made a significant contribution to the broad patterns of our history; or

B. That are associated with the lives of persons significant in our past; or

C. That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or

D. That have yielded, or may be likely to yield, information important in prehistory or history.

Integrity

California Code of Regulations Section 4852(c) addresses the issue of "integrity" which is necessary for eligibility for the California Register. Integrity is defined as "the authenticity of an historical resource's physical identity evidenced by the survival of characteristics that existed during the resource's period of significance." Section 4852(c) provides that historical resources eligible for listing in the California Register must meet one of the criteria for significance defined by 4852(b)(1 through 4), and retain enough of their historic character of appearance to be recognizable as historical resources and to convey the reasons for their significance. Integrity is evaluated with regard to the retention of location, design, setting, materials, workmanship, feeling, and association. It must also be judged with reference to the particular criteria under which a resource is proposed for eligibility. Alterations over time to a resource or historic changes in its use may themselves have historical, cultural, or architectural significance. To retain historic integrity, a property must possess several, but not necessarily all of the seven aspects. Determining which of these aspects are most important to a particular property is based on knowing why, where, and when the property is significant.

DETERMINATION OF SIGNIFICANCE

As previously described, there are two buildings that are situated within the proposed Morgan Hill Senior Housing project site, both proposed for demolition. Those buildings include the property located at 16685 Church Street, which includes a heavily modified Craftsman style, single-story, wood-frame residence, constructed in the mid to late 1920s, and a garage, which appears to have been built in the late 1940s or early 1950s. Immediately north is a second building enumerated on

its front as 94 San Pedro Avenue and built in the California Ranch style of architecture. Based upon historic photographs this building appears to have been constructed in the early to mid-1970s, and is less than 50 years of age.

Comparing photographs taken of each building in June 2020 to photographs taken prior to each building being boarded up for security purposes, its apparent that both buildings have undergone substantial alterations and additions, and consequently both have diminished integrity of design, materials, workmanship, feeling, and association. In regards to location, the buildings do not appear to have been moved, however, the overall setting of the properties, once agricultural, has changed to light industrial and multi-family/residential.

After reviewing historic documents, maps, and census data, it has been determined that the properties do not appear to have been associated with an event or events of significance in the history of Morgan Hill or Santa Clara County. Similarly, neither property appears to have been owned by a person or persons of significance in the history of Morgan Hill or Santa Clara County. Finally, neither property has potential informational or scientific value.

Therefore, in applying the NRHP, CRHR, and criteria for historical resources developed for Morgan Hill or Santa Clara County, the subject properties located at 16685 Church Street and 94 San Pedro Avenue, are not significant resources under any of the aforementioned criteria. Under CEQA, a project may have a significant effect on the environment if it may cause "a substantial adverse change in the significance of an historical resource" (PRC Section 21084.1; 14 CCR 15064.5(b)). Because the properties have been found not to be significant resources, the project will have no effect to historic properties.

Respectfully,

Dana E. Supernowicz, M.A., RPA
Principal

Attachment: State of California Department of Parks and Recreation (DPR) Records

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI # _____
Trinomial _____
NRHP Status Code _____

Other Listings _____
Review Code _____ Reviewer _____ Date _____

 ***Resource Name or #:** 16685 Church Street and 94 San Pedro Avenue

P1. Other Identifier: APN. 817-02-001

***P2. Location:** ☐ Not for Publication ■ Unrestricted ***a. County:** Sacramento

***b. USGS 7.5' Quad:** Morgan Hill, California

c. Address: 16685 Church Street and 94 San Pedro Avenue **City:** Morgan Hill **Zip:** 95037

d. UTM: N/A

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate): The subject properties occupy a rectangular parcel bounded on the north by San Pedro Avenue, on the west by Monterey Road, and on the east by Church Street.

***P3a. Description:**

The subject properties include 16685 Church Street, a single-story, irregularly-shaped, modified wood-frame Craftsman style cottage, and a single-story, wood-frame, rectangular-shaped California Ranch style residence. 16685 Church Street appears to have been built as a simple rectangular-shaped residence that has undergone three major additions, one to the front façade having a shed roof, one to the south façade having a gable roof, and one to the rear or west façade also having a shed roof. Most, if not all the windows and exterior doors in house appear to have been replaced with vinyl windows and aluminum doors. The home was likely built as a two-bedroom, one bath dwelling. The exterior of the residence is clad with beveled wood horizontal boards and T1-11 plywood sheets. Based upon the types of exterior wall cladding, the most recent addition is along the south façade having plywood siding. The other two additions on the east and west facades have commercial wood bevel siding common in the 1920s-1930s. The roof is clad with asphalt shingles. The single-car garage to the south features a shallow gable roof and plywood exterior siding. 94 San Pedro Avenue has been used in the recent past as a retail craft store, appears to have been built in the mid-1970s. The single-story, wood-frame building is generally described as a "California Ranch" style residence. The residence features exterior stucco wall cladding, a shallow gable roof clad with asphalt shingles, and a full front porch supported by wood columns. Large picture windows line the front of the building flanking the main entry door, all of which are currently boarded up. The rear or south elevation of the residence has been extended with a shed roof. The building is accented by a large deciduous tree, hedges, and concrete walkway. An asphalt parking lot abuts the building to the west.

***P3b. Resource Attributes:** HP-2 – Single-story residential home/commercial building; HP4 – One detached garage

***P4. Resources Present:** ■ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)

P5b. Description of Photo: View looking northwest from Church Street towards 16685 Church Street.

***P6. Date Constructed/Age and Sources:** ■ Historic
Historic documents, architectural plans, and aerial photographs; suggest 16685 Church Street was built in the mid to late 1920s, and 94 San Pedro Avenue was built in the early or mid-1970s.

***P7. Owner and Address:** Morgan Hill Senior Housing LP, 6120 Stoneridge Mall, Suite 100, Pleasanton, CA.

***P8. Recorded by:** Dana E. Supernowicz, Architectural Historian, Historic Resource Associates, 2001 Sheffield Drive, El Dorado Hills, CA 95762.

***P9. Date Recorded:** June 15, 2020

***P10. Type of Survey:** ■ Architectural

Describe: Architectural Recordation and Evaluation per Section 106 of NHPA.

***P11. Report Citation:** Historical Resource Analysis Study of the Proposed Morgan Hill Senior Housing Development, 16685 Church Street, Morgan Hill, Santa Clara County, CA 95037. Prepared for Raney Planning & Management, Inc., 1501 Sports Drive, Suite A, Sacramento, CA 95834. Prepared by Historic Resource Associates, 3142 Bird Rock Road, Pebble Beach, CA 93953. June 2020.

***Attachments:** Building, Structure, and Object Record; Photograph Record

B1. Historic Name: Pileggi Residence and Material Pleasures Fabric Store
B2. Common Name: 16685 Church Street and 94 San Pedro Avenue
B3. Original Use: Residential homes **B4. Present Use:** Abandoned
***B5. Architectural Style:** Modified Craftsman and California Ranch
***B6. Construction History:** Based upon newspaper articles, historic maps, U.S. Census data, city and county directories, and photographs, 16685 Church Street appears to have been built in the mid to late-1920, and 94 San Pedro Avenue was built after 1971. Both properties have extensive alterations and additions that date from the 1950s through the 1990s.
***B7. Moved?** ■ No ☐ Yes ☐ Unknown **Date:** N/A **Original Location:**
***B8. Related Features:** Residential home to the north and light industrial buildings to the east. To the west is a vacant lot.
B9a. Architect: Undetermined **B9b. Builder:** Undetermined
***B10. Significance: Theme:** Craftsman Cottage and California Ranch Architecture **Area:** Morgan Hill
Period of Significance: 1925-1930; 1972-1975 **Property Type:** Residential single-family homes
Applicable Criteria: CRHR 1-4; NRHP A-D; Santa Clara County Landmark

Morgan Hill began as a railroad stop at the end of the nineteenth century, near the ranch home of Hiram Morgan and Diana (Murphy) Hill, and continues to serve as it first did, as an agricultural center; however, it now also acts as home to over 33,000 residents in its South County location. Incorporated in 1906, Morgan Hill spreads out along twelve square miles across the valley from the spurs of the Diablo Range to the foothills of the Santa Cruz Mountains; north of Gilroy and touching a portion of south San José, it is surrounded on most sides by unincorporated County, including the unincorporated community of San Martin.[1]

Morgan Hill is located in southern Santa Clara Valley, approximately 12 miles south of San Jose, 10 miles north of Gilroy, and 15 miles inland from the Pacific Coast. The Valley is approximately 4 miles wide and is surrounded by the Santa Cruz mountain range to the west, and the Diablo mountain range to the east. Parks and open spaces abound, making Morgan Hill one of the last communities in the region with a charming, small-town atmosphere.
(refer to BSO, Page 3 of 22).

B11. Additional Resource Attributes:
B12. References: Archives and Architecture, LLC. Coyote Highlands Historic Resource Evaluation. Prepared for Panorama Environmental, Inc. August 2012; California State Death Index; First American Title Insurance Company, File No: NCS-1006163-WA1, Abstract of Title, March 6, 2020 (refer to BSO, Page 21 of 22).

B13. Remarks: None.
B14. Evaluator: Dana E. Supernowicz, Architectural Historian, Historic Resource Associates, 2001 Sheffield Drive, El Dorado Hills, CA 95762.
Date of Evaluation: June 2020

Aerial Photograph (Google 2019)

(This space reserved for official comments.)

[1] Archives and Architecture, LLC., *Historic Context Statement for the County of Santa Clara*. Prepared for Santa Clara County Department of Planning and Development, December 2004 (revised February 2012), p. 77.

***B10. Significance: (Continued):**

Prior to the arrival of Spanish expeditions enroute from Mexico, peaceful tribes of Native Americans had inhabited the lush Santa Clara Valley for more than 6,000 years. Under Spanish and Mexican jurisdictions, instituted in 1778, a vast region that includes present day Morgan Hill was one of the most substantial Spanish land grants for nearly three-quarters of a century.

In 1845, Martin Murphy, Sr. acquired 9,000 acres known as the *Rancho Ojo de Agua de la Coche*. Murphy had been a leader of the first party of pioneers to cross the Sierra Nevada range at Truckee Pass, later to become the route for the Southern Pacific Railroad. The Murphy family made its home in the valley below El Toro Mountain. By 1870 Martin's 7 sons and daughters had managed to acquire more than 70,000 acres in the area.

In 1851, the youngest son, Daniel, married Maria Fisher, heiress to the neighboring 19,000-acre *Rancho Laguna Seca*. In 1882, Diana, their precocious daughter, secretly married Hiram Morgan Hill. When Daniel Murphy died, Diana inherited 4,500 acres of their original rancho in the shadow of El Toro. This would be known as the Morgan Hill Ranch.

Diana and Hiram Morgan Hill built their country estate, Villa Mira Monte, between the railroad and Monterey Road in 1884. When the first Southern Pacific station was built in 1898, the railroad referred to this area as Huntington. Because many visitors would request the train stop at "Morgan Hill's Ranch," the stop became known as Morgan Hill. The City adopted this name when it incorporated in 1906.

By 1896, the growing community had a population of 250, with a post office, depot, 2 hotels, a restaurant, and several churches and shops. There was much controversy over the incorporation of the city. The Times printed many editorials supporting the issue, while those opposed were fearful of higher taxes. Nevertheless, the "yes" vote won by a margin of 65-36 and Morgan Hill became incorporated November 10, 1906. By 1909 the population rose to 1,000.

In the early 1880's, much of Morgan Hill's land holdings were turned over to C.H. Phillips Land Company for subdivision and sale. This development shaped the town of Morgan Hill. The 1st school was built in 1894, but was soon outgrown and in 1907 a new elementary school and high school were constructed. Then in 1924 architect William H. Weeks designed and built a new grammar school, selling the old Morgan Hill Grammar School Building to the Morgan Hill Grange Association. By the 1920s, the city was known for its agricultural products including prunes, apricots, peaches, pears, apples, walnuts, and almonds. The region boasted prosperous vineyards until Prohibition demanded that production temporarily cease.

The historic context for the subject properties located at 16685 Church Street and 94 San Pedro Avenue in Morgan Hill, falls within the early to mid-twentieth century, when communities like Morgan Hill were dependent largely on an agricultural economy that consisted of fruit production as large ranches began to be subdivided into smaller parcels or ranchettes.[2] The project area lies within the lands formerly owned by Catherine Dunne, otherwise referred to as the Catherine Dunne Ranch "Burbank & Devendorf's Subdivision No. 5 (Figure 1).

[2] Archives and Architecture, LLC., *Historic Context Statement for the County of Santa Clara*. Prepared for Santa Clara County Department of Planning and Development, December 2004 (revised February 2012), p. 43-45.

***B10. Significance: (Continued):**

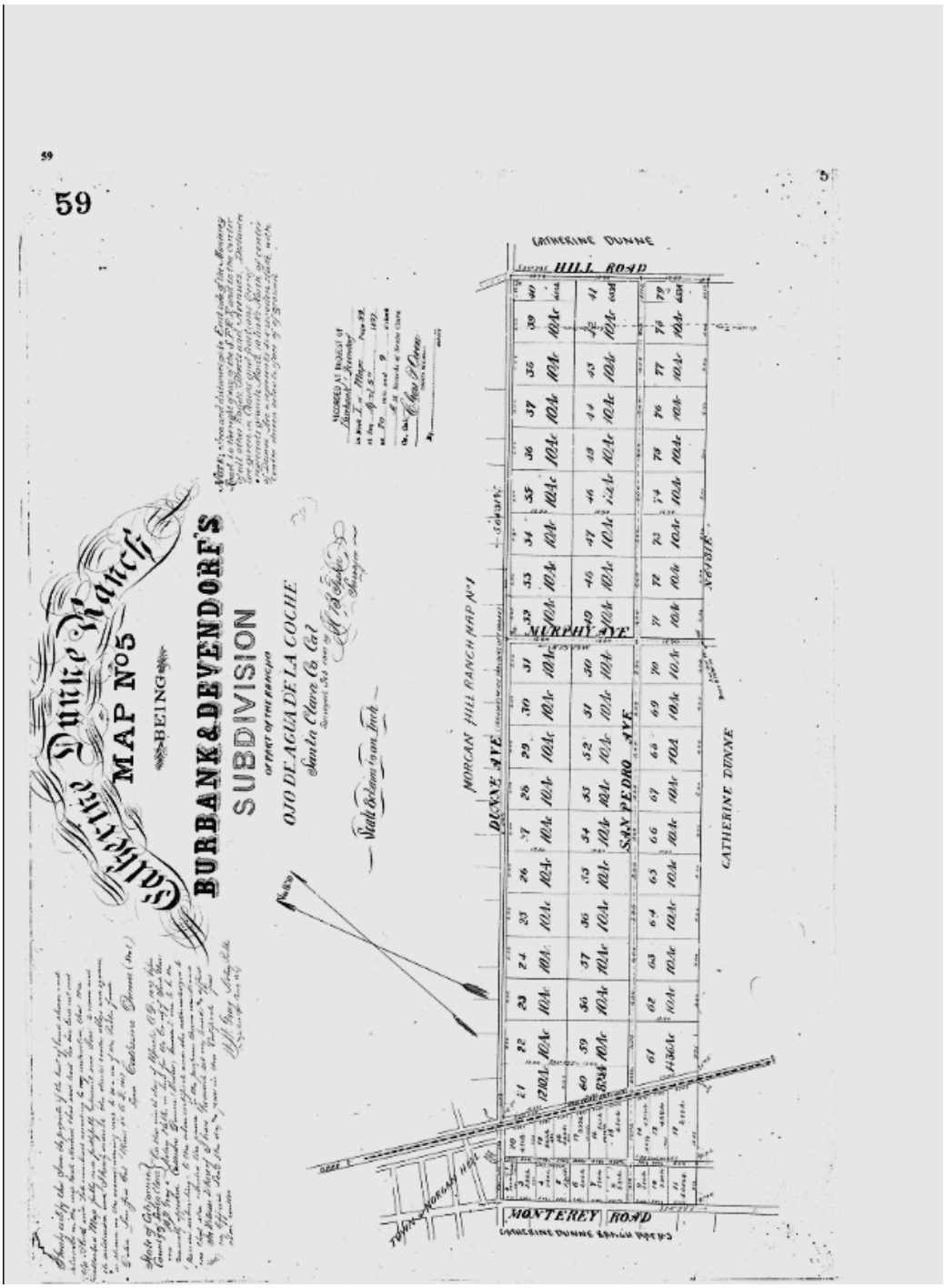


Figure 1: Catherine Dunne Ranch, Map No. 5 Subdivision, April 5, 1897.

***B10. Significance: (Continued):**

If the two USGS topographic maps illustrated in Figures 2 and 3 are accurate, there was minimal development in the core of Morgan Hill between 1917 and 1939. Examining the two maps, the major difference appears to be the planting of orchards prior to 1939 on the east side of what was the Monterey Highway (State Highway 101), which followed the railroad tracks through the city.

Figure 2: Morgan Hill, CA USGS Topographic Map, 1917

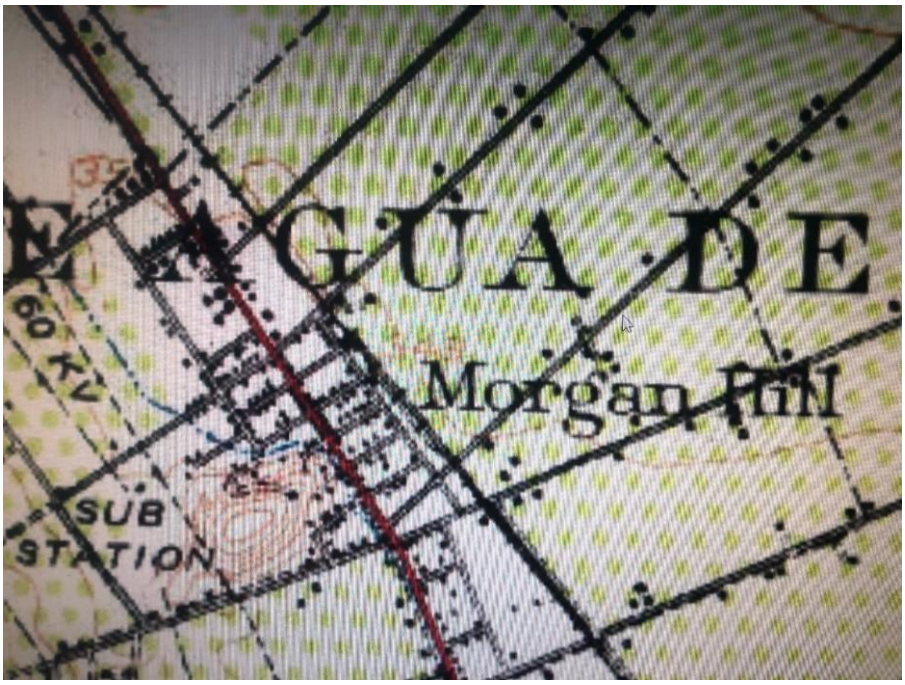


Figure 3: Morgan Hill, CA USGS Topographic Map, 1939.

***B10. Significance: (Continued):**

During the 1950s, Morgan Hill experienced a slow economic transformation from an agricultural center to a suburban residential community. Growth began to accelerate rapidly in the 1970s as Silicon Valley developed and workers were attracted to Morgan Hill's small-town atmosphere, sense of community, and more affordable housing prices. On November 3, 1973, the Morgan Hill Civic Center and library were proudly dedicated to the community of 7,000. By 1980, the population increased to approximately 18,000 residents. The 2000 U.S. Federal Census confirmed that 33,000 citizens called Morgan Hill their home.[3]

Figure 3 illustrates the slow development of the downtown corridor prior to 1955. The USGS map (Figure 4) clearly delineates two buildings on the west side of Church Street near the intersection of San Pedro Avenue and the demise of the orchards to the east of the railroad tracks. The northernmost building represents 16685 Church Street and the southernmost building represents the garage for the residence (refer to red arrow).

Figure 4: Morgan Hill, CA USGS Topographic Map, 1955.

[3] City of Morgan Hill Website. "History." https://www.morgan-hill.ca.gov/315/History. Accessed June 17, 2020; Morgan Hill Historical Society Website. https://www.morganhillhistoricalsociety.org/centennial-history-trail. Accessed June 18, 2020.

***B10. Significance: (Continued):**

As previously noted, the subject parcel was once part of the sprawling ranch owned by Catherine Dunne. By the late nineteenth century, most of the Dunne Ranch property had been subdivided into small ranchettes, and the subdivision was marketed in a well-publicized campaign by San Francisco real estate agents J. P. Massie Co.[4] Based upon historic documents, including a title search prepared by First American Title Insurance Company, the subject parcel was part of the Catherine Dunne Ranch Map No. 5. The map was recorded on April 5, 1897 (Santa Clara County, Maps, Book I, Page 59). The years of the Catherine Dunne Ranch subdivision coincided with the founding of the community of Morgan Hill in 1897 and its incorporation as a City in 1906.[5] The subdividing of the Dunne Ranch also coincided with the expansion of small orchards and farms in and around Morgan Hill.

Based upon historic maps and aerial photographs, the first dwelling to be constructed on the parcel is located at 16685 Church Street (Figure 5). It is believed that the residence was built in the 1920s, and, based upon title information, the property was owned by Vito and Rose Pileggi.[6]

Figure 5: View looking northwest at 16685 Church Street (June 2020)

[4] Archives and Architecture, LLC. Coyote Highlands Historic Resource Evaluation. Prepared for Panorama Environmental, Inc. August 2012, p. 13. In the records Pileggi is also spelled as Pillegi and Pilleggi.
[5] Ibid, 13.

[6] First American Title Insurance Company, File No: NCS-1006163-WA1, Abstract of Title, March 6, 2020.

***B10. Significance: (Continued):**

Figure 6 depicts one residence within the project area. The dwelling to the north had not yet been built when the aerial photograph was taken in 1948.

Figure 6: Aerial photograph of the project site, 1948 (courtesy of HistoricAerials.com). Note that the image shows only one dwelling on the parcel believed to be 16685 Church Street. The building to the north and garage were not yet constructed when the aerial photograph was taken.

***B10. Significance: (Continued):**

In 1927, Vito and Rose Pillegi are listed as living in Morgan Hill. Vito is listed in the county directory as a farmer.[7] According to United States Federal Census records for 1930, Rose Pilleggi is listed as having been born in Washington in 1903, was widowed, and had a daughter. She lived on San Pedro Avenue and her parent were born in Italy. She worked as a sales lady at a dry goods retailer. Living with Pilleggi were Paul Tigwanelli (age 56), Constance Tigwanelli (age 58), and Paul Tigwanelli Jr. (age 20).[8] In 1930, there was no listing for Church Street, and Morgan Hill was listed in the United States Federal Census as "Burnett." The U.S. Federal Census for 1940 lists Rose Pillegi, now 37 years of age, living on East San Pedro Avenue and working as a bottle laborer in a nearby winery. If so, the Pileggi farm may have been located to the east of the project area along San Pedro Avenue where larger acreage was available. Figure 7 illustrates the lands owned by R. Pileggi in 1966. The R. Pileggi is likely Richard Pileggi, the son of Rose Pileggi, who was born in 1926, based upon federal census data. In the 1940s, Rose, now a widow, was living with Paul Gignanelli, Michael Gignanelli, Concheta Gignanelli, Florence Pillegi (19 years old), Joseph Pillegi (17 years old), and Richard Pillegi (14 years old). By the 1950s, Rose Pilleggi is listed as living on Monterey Road, perhaps on the subject property, although by the 1960s she had moved to Gilroy. Rose reportedly died in Carson City, Nevada on February 15, 1995 at the age of 93.[9]

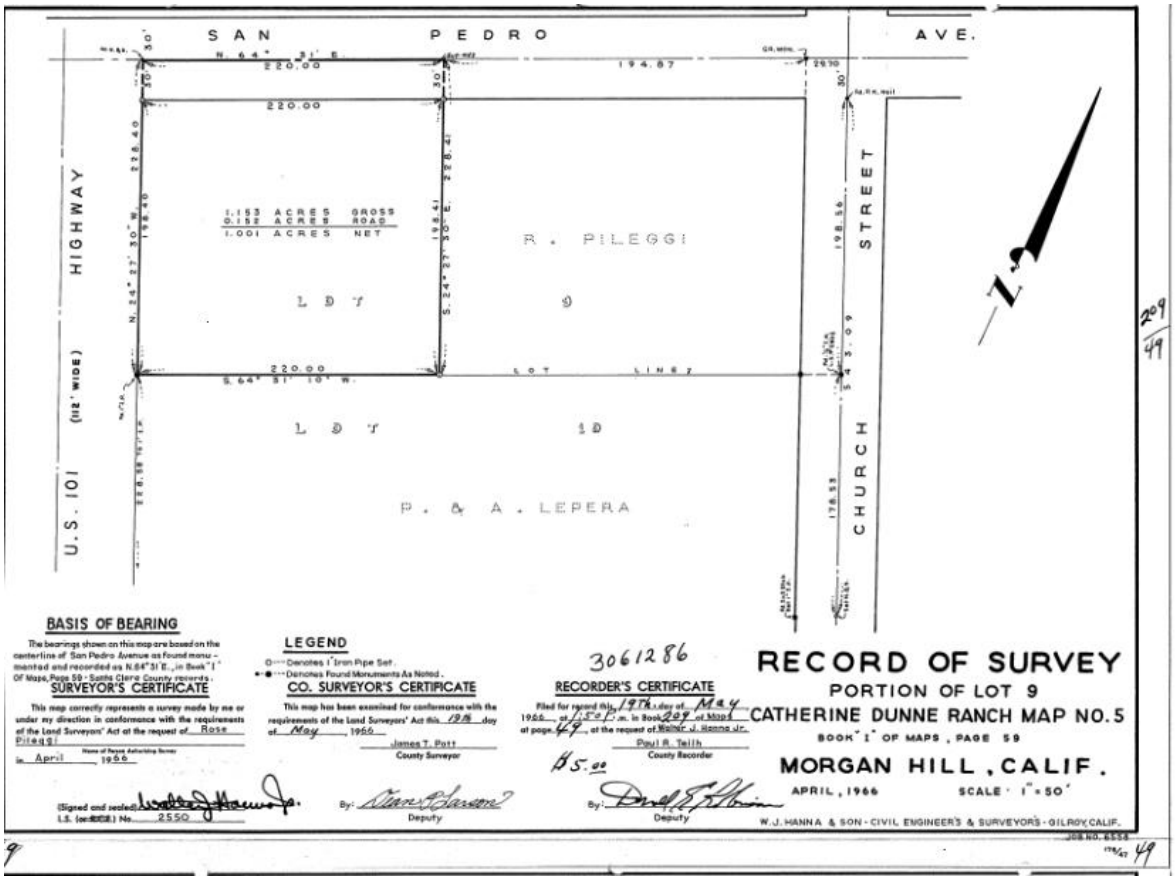


Figure 7: Record of Survey showing the lands of R. Pileggi at the intersection of San Pedro Avenue and Church Street, April 1966.

[7] Santa Clara Business Directory, 1927. www.Ancestry.com. Accessed June 2020.
[8] United States Federal Census 1930, Burnett [Township] Santa Clara County, California.
[9] United States Federal Census 1940, Morgan Hill, California; Ancestry Website. www.Ancestry.com. Accessed June 2020.

***B10. Significance: (Continued):**

By 1956, based upon aerial photographs, the garage to the south of the original residence had been constructed. By 1971, the large orchards to the east across Church Street are gone, however, a small remnant orchard exists to the north bordering San Pedro Avenue. At that time, the second residence facing San Pedro Avenue had yet to be built (Figure 8).

Figure 8: Aerial photograph of the project site, 1971 (courtesy of HistoricAerials.com). Note that the image shows only one dwelling and a garage on the parcel, believed to be 16685 Church Street. The building to the north was not constructed when the aerial photograph was taken.

***B10. Significance: (Continued):**

By 1981, based upon aerial photographs, the dwelling to the north, located at 94 San Pedro Avenue, had been constructed and the residence at 16685 Church Street appears to have undergone a series of additions (Figure 9).

Figure 9: Aerial photograph of the project site, 1981 (courtesy of HistoricAerials.com). Note that the image now shows two dwellings on the parcel and a number of additions to the original dwelling. All the orchards surrounding the parcel have disappeared as well.

***B10. Significance: (Continued):**

Figures 10-19 illustrate the existing residence at 16685 Church Street, including photographs of the residence before it was boarded up.

Figure 10: View looking west at the front or east elevation of 16685 Church Street that includes a shed-roof addition. Note that the commercial beveled wood siding is original, but the front door is contemporary.

Figure 11: View looking at the rear of the house with an addition to the right and a small shed addition to the back.

***B10. Significance: (Continued):**

Figure 12: View of the northwest elevation of the residence looking towards Church Street. On the left is a later addition, as is the gabled addition on the rear of the house. The additions are believed to represent bathrooms or a kitchen.

Figure 13: View looking west at the wood and masonry single-car garage to the left or south of the residence.

***B10. Significance: (Continued):**

Figure 14: View of the rear or west elevation of the residence, looking south.

Figure 15: View of the north elevation of the residence, looking east.

***B10. Significance: (Continued):**

Figure 16: View looking west at the north extension of the residence.

Figure 17: View looking southwest at the front or east elevation of the residence.

***B10. Significance: (Continued):**

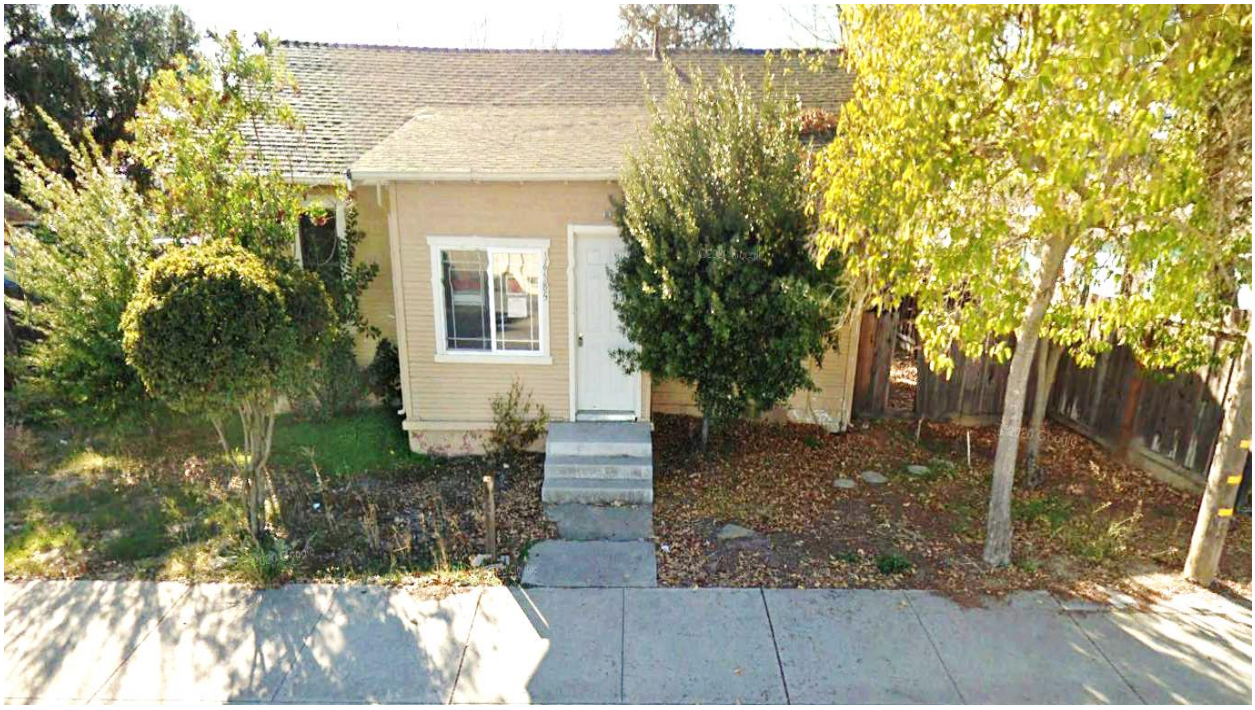


Figure 18: View looking southwest at the front or east elevation of the residence, circa 2018. Note that the windows in the house appear to have been replaced with contemporary vinyl windows.

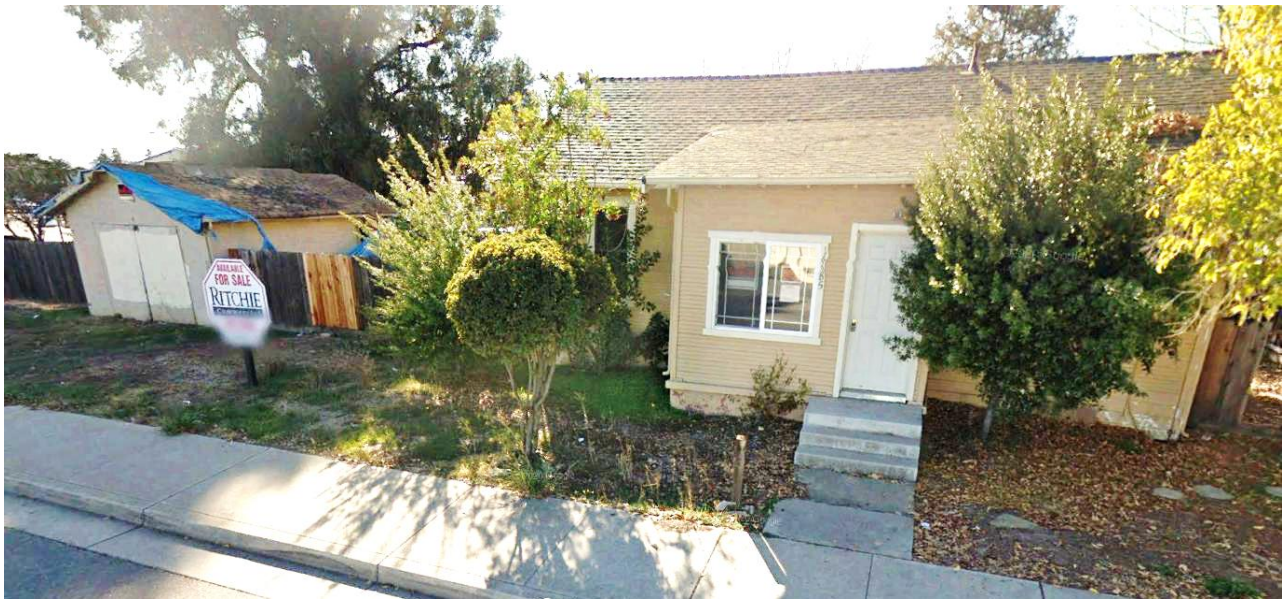


Figure 19: View looking southwest at the front or east elevation of the residence, circa 2018.

***B10. Significance: (Continued):**

Immediately north of 16685 Church Street is a second residence, being part of Lot 9, and enumerated at 94 San Pedro Avenue (Figures 20-26). This residence, used in the recent past as a retail craft store, appears to have been built in the early to mid-1970s. The single-story, wood-frame building is generally described as a "California Ranch" style residence. The residence features exterior stucco wall cladding, a shallow gable roof clad with asphalt shingles, and a full front porch supported by wood columns. Large picture windows line the front of the building flanking the main entry door, all of which are currently boarded up. The rear or south elevation of the residence has been extended with a shed roof. The building is accented by a large deciduous tree, hedges, and concrete walkway. An asphalt parking lot abuts the building to the west.

Figure 20: View looking south across San Pedro Avenue at the north elevation of 94 San Pedro Avenue. The building is currently boarded up with a security fence placed around its perimeter to prevent vandalism.

***B10. Significance: (Continued):**

Figure 21: Close-up of the front or north elevation of 94 San Pedro Avenue.

Figure 22: View looking west at the northeast elevation of 94 San Pedro Avenue.

***B10. Significance: (Continued):**

Figure 23: View looking east at the west elevation of 94 San Pedro Avenue.

Figure 24: View looking south at the front porch of 94 San Pedro Avenue.

***B10. Significance: (Continued):**

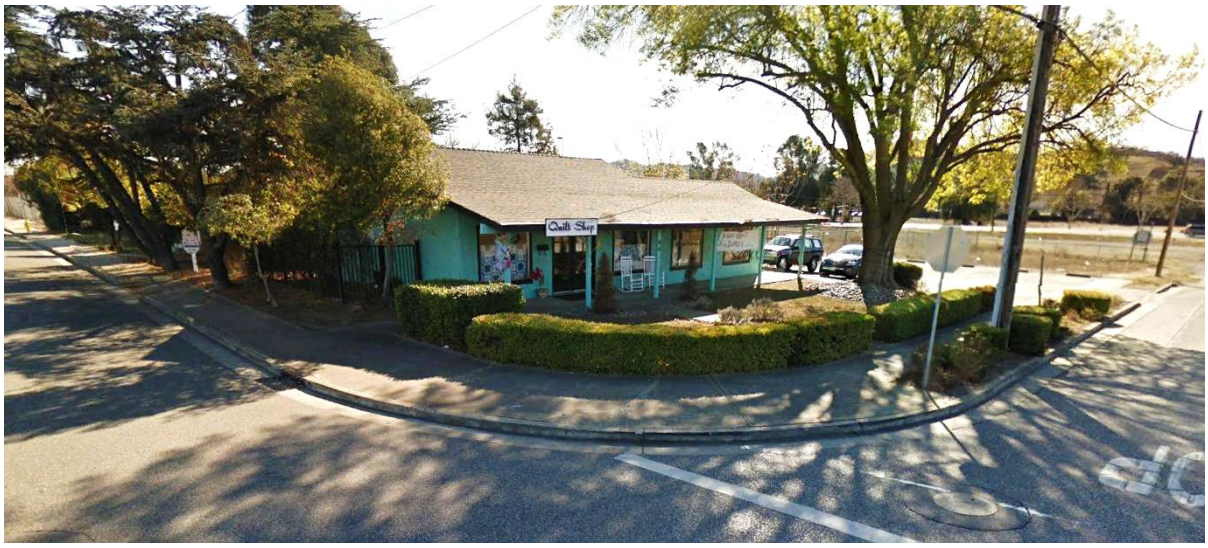


Figure 25: View looking southwest at the front porch of 94 San Pedro Avenue, circa 2018, when it was a retail business "Craft Shop."

Figure 26: View looking south at the front porch of San Pedro Avenue, circa 2018, when it was a retail business "Craft Shop."

***B10. Significance: (Continued):**

In December 2019, the subject properties were acquired by the Morgan Hill Senior Housing L.P., a limited partnership. Since then the properties have been boarded up to secure them from vandalism. The parcel to the west was secured from Gary Zanardi, Trustee of the Zanardi Exemption Trust, which is vacant land, and the parcel with the two buildings was secured from Minh Quang Thai, a married man as his sole and separate property, as to an undivided 75% interest and Clive Fuller, an unmarried man, as to an undivided 25% interest, as tenants in common.[10]

DETERMINATION OF SIGNIFICANCE

As previously described, there are two buildings that are situated within the proposed Morgan Hill Senior Housing project site, both proposed for demolition. Those buildings include the property located at 16685 Church Street, which includes a heavily modified Craftsman style, single-story, wood-frame residence, constructed in the mid to late 1920s, and a garage, which appears to have been built in the late 1940s or early 1950s. Immediately north is a second building enumerated on its front as 94 San Pedro Avenue and built in the California Ranch style of architecture. Based upon historic photographs this building appears to have been constructed in the early to mid-1970s, and is less than 50 years of age.

Comparing photographs taken of each building in June 2020 to photographs taken prior to each building being boarded up for security purposes, its apparent that both buildings have undergone substantial alterations and additions, and consequently both have diminished integrity of design, materials, workmanship, feeling, and association. In regards to location, the buildings do not appear to have been moved, however, the overall setting of the properties, once agricultural, has changed to light industrial and multi-family/residential.

After reviewing historic documents, maps, and census data, it has been determined that the properties do not appear to have been associated with an event or events of significance in the history of Morgan Hill or Santa Clara County. Similarly, neither property appears to have been owned by a person or persons of significance in the history of Morgan Hill or Santa Clara County. Finally, neither property has potential informational or scientific value.

Therefore, in applying the NRHP, CRHR, and criteria for historical resources developed for Morgan Hill or Santa Clara County, the subject properties located at 16685 Church Street and 94 San Pedro Avenue, are not significant resources under any of the aforementioned criteria.

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Appendix D

Geotechnical Engineering Study

ATLAS

Geosphere Consultants, Inc.
Geotechnical Engineering • Engineering Geology
Environmental Management • Water Resources

— AN ATLAS COMPANY —

GEOTECHNICAL ENGINEERING STUDY

New Morgan Hill Senior Housing Development
Monterey Road & San Pedro Avenue
Morgan Hill, California 95037

Prepared for:

Sunnyvale Life, Inc.
1680 S. Roberto Maestas Festival Street
Seattle, Washington 98144

Prepared by:

GEOSPHERE CONSULTANTS, INC.
2001 Crow Canyon Road, Suite 200
San Ramon, California 94583
Geosphere Project No. 91-04677-A

ATLAS

Geosphere Consultants, Inc.
Geotechnical Engineering • Engineering Geology
Environmental Management • Water Resources

— AN ATLAS COMPANY —

October 4, 2019

Sunnyvale Life, Inc.
1680 S. Roberto Maestas Festival Street
Seattle, California 95131

Attention: Ms. Lucy Zappone

Subject: **Geotechnical Engineering Study**
New Morgan Hill Senior Housing Development
Monterey Road & San Pedro Avenue
Morgan Hill, California 95037
Geosphere Project No. 91-04677-A

Dear Ms. Zappone:

Geosphere Consultants, Inc. **(Geosphere)** has prepared a Geotechnical Engineering Study for the proposed New Morgan Hill Senior Housing Development Project in Morgan Hill, California. Transmitted herewith are the results of our findings, conclusions, and recommendations for the design and construction of proposed foundation support, interior concrete slabs, site development/grading and drainage, utility trench backfilling, and pavements. In general, the proposed improvements at the site are considered to be geotechnically feasible provided the recommendations of this report are implemented in the design and construction of the project.

Should you or members of the design team have questions or need additional information, please contact either of the undersigned at (925) 314-7180, or by e-mail at mzea@geosphereinc.net or cdare@geosphereinc.net. We greatly appreciate the opportunity to be of service to you and to be involved in the design of this project.

Sincerely,

GEOSPHERE CONSULTANTS, INC.

Manuel E. Zea, PE
Senior Project Engineer

Corey T. Dare, PE, GE
Principal Engineer

REGISTERED PROFESSIONAL ENGINEER
COREY T. DARE
No. 2013
Exp. 6-30-2020
GEOTECHNICAL
STATE OF CALIFORNIA

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MEZ/CTD:pmf

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FIELD EXPLORATION
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APPENDIX B

LABORATORY TEST RESULTS
- Liquid and Plastic Limits Test Report
- Particle Size Distribution Report
- R-Value Test Report
- Corrosivity Tests Summary

GEOTECHNICAL ENGINEERING STUDY

Project: **New Morgan Hill Senior Housing Development**
Monterey Road & San Pedro Avenue, Morgan Hill, California

Client: **Sunnyvale Life, Inc.**
Seattle, California

1.0 INTRODUCTION

1.1 Purpose and Scope

The purposes of this study were to evaluate the subsurface conditions at the site and prepare geotechnical engineering recommendations for the proposed development. This study provides recommendations for foundations, interior and exterior concrete slabs, site preparation, grading, drainage, utility backfilling, and pavements. This study was performed in accordance with the scope of work outlined in our proposal dated June 4, 2019 (Revised on July 9, 2019).

The scope of this study included the field exploration, laboratory testing, engineering analysis of the collected samples and test results, and preparation of this report. The conclusions and recommendations presented in this report are based on the limited samples collected and analyzed during this study, and on prudent engineering judgment and experience. This study did not include an in-depth assessment of potentially toxic or hazardous materials that may be present on or beneath the site.

1.2 Site Description

The proposed project site is located southeast of the intersection of Monterey Road and San Pedro Avenue, and extending southwest of the intersection of Church Street and San Pedro Avenue in Morgan Hill, California, as shown on Plate 1, *Site Vicinity Map*. The project site consists of two parcels of land on the southeast side of San Pedro Avenue between Monterey Road and Church Street, measuring 1.14 acres and 0.9 acres, and will be combined for the proposed development. The eastern parcel site is currently occupied by a commercial building with an asphalt paved parking area, an abandoned residence, and undeveloped land covered with grass, trees, and surrounded by a chain link fence. The western parcel site is an open, vacant land, covered with grass, weeds, and gravel. The site slopes gently

downward from south to north and east to west with elevations ranging from +336 to +340, based on elevations indicated on Google Earth. The local topography generally decreases in elevation to the south.

The project area is bound by San Pedro Avenue to the northwest, by Monterey Road to the southwest, by Church Street to the northeast, and by a commercial building to the southeast, as shown on Plate 2, *Exploration Plan*. The average geographic coordinates of the proposed site used for engineering analysis are 37.1212 degrees north latitude and 121.6467 degrees west longitude.

1.3 Proposed Development

We understand that the proposed development will consist of new senior housing, consisting of a 3-story, multi-unit building, containing 74 one-bedroom apartments and 1 two-bedroom apartment. The development will also include a 1-story community center building and a parking lot with 54 vehicle stalls. The proposed senior housing building is anticipated to have a footprint area of about 24,000 square feet and the community center building is anticipated to have a footprint area ranging from 3,600 to 5,000 square feet. Preliminary design concepts were being evaluated at the time of this report to decide the final building and parking layout.

Design details such as foundation structural loads and final grade elevations were not available at the time this study was conducted. Based on our experience with similar projects, building foundation loads (i.e., Dead Load plus Live Load) are anticipated to be up to 60 kips for columns and 5 kips/foot for wall loads. We anticipate that cuts and fills will be relatively minor (i.e., less than 2 feet) as required to establish site drainage.

1.4 Validity of Report

This report is valid for three years after publication. If construction begins after this time period, Geosphere should be contacted to confirm that the site conditions have not changed significantly. If the proposed development differs considerably from that described above, Geosphere should be notified to determine if additional recommendations are required. Additionally, if Geosphere is not involved during the geotechnical aspects of construction, this report may become wholly or in part invalid; since

Geosphere's geotechnical personnel need to verify that the subsurface conditions anticipated preparing this report are similar to the subsurface conditions revealed during construction. Geosphere's involvement should include foundation and grading plan review; observation of below-grade shoring system installation; observation of foundation supporting materials; grading observation and testing; testing of utility trench backfill; observation and testing of subgrade preparation in hardscape and pavement areas, and pavement sections.

2.0 PROCEDURES AND RESULTS

2.1 Literature Review

Pertinent geologic and geotechnical literature pertaining to the site area, and previous geotechnical studies performed by others for projects in the site vicinity were reviewed. These included United States Geological Survey (USGS), California Geological Survey (CGS), and other online resources, and other applicable government and private publications and maps, as included in the References section.

2.2 Field Exploration

In order to characterize the subsurface conditions across the property, a field exploration program was conducted, which consisted of the drilling of six test borings, designated as B-1 through B-6, at the site on September 3, 2019 under the supervision of a Geosphere staff engineer.

The borings were drilled at the locations indicated on Plate 2 to total depths of 20 to 40 feet using a Mobile B-53 drill rig equipped with four-inch diameter, solid-stem augers. A Geosphere geotechnical engineer visually classified the materials encountered in the borings in general accordance with the Unified Soil Classification System as the borings were advanced. Relatively undisturbed soil samples were recovered at selected intervals using a three-inch outside diameter Modified California split spoon sampler containing six-inch long brass liners. A two-inch outside diameter Standard Penetration Test (SPT) sampler was used to obtain SPT blow counts and obtain disturbed soil samples. The samplers were driven by using a 140-pound wireline hammer with a 30-inch fall. Resistance to penetration was recorded in the field as the number of hammer blows required to drive the sampler the final foot of an 18-inch drive. Following the completion of drilling, the boreholes were backfilled using a cement grout mixture based on Santa Clara Valley Water District requirements.

For reporting purposes, all of the blow counts recorded using Modified California (MC) split spoon samplers in the field were subsequently converted to equivalent SPT blow counts using appropriate modification factors suggested by Burmister (1948); i.e., multiplied by a factor of 0.65 assuming a liner

sample with an inner diameter of 2.5 inches. Therefore, all blow counts shown on the final boring logs are either directly measured (SPT sampler) or equivalent SPT (MC sampler) blow counts.

The boring logs with descriptions of the various materials encountered in each boring, the penetration resistance values, and some of the laboratory test results are presented in Appendix A. The ground surface elevations indicated on the soil boring logs are approximate (rounded to the nearest foot) and were estimated using elevations obtained from the Google Earth Pro application.

2.3 Laboratory Testing

Laboratory tests were performed on selected samples to determine some of the physical and engineering properties of the subsurface soils. The results of the laboratory testing are presented on the boring logs, and included in Appendix B. The following soil tests were performed for this study:

Dry Density and Moisture Content (ASTM D2216 and ASTM 2937) – In-situ dry density and/or moisture tests were conducted on selected samples to measure the in-place dry density and moisture content of the subsurface materials. These properties provide information to assist in evaluating the physical characteristics of the subsurface soils. Test results are presented in Appendix B, and on the boring logs.

Atterberg Limits (ASTM D4318 and CT204) - Atterberg Limits tests were performed on two samples of cohesive soils encountered at the site. Liquid Limit, Plastic Limit, and Plasticity Index are useful in the classification and characterization of the engineering properties of soil, and help to evaluate the expansive characteristics of the soil and determine the USCS soil classification. Test results are presented in Appendix B, and on the boring logs.

Particle Size Analysis (Wet and Dry Sieve - ASTM D422, D1140, and CT202) - Sieve analysis testing was conducted on three selected samples to measure the soil particle size distribution and the total percentage of fines (i.e., percent passing the USCS No. 200 sieve). This information is useful for characterizing the soil type according to USCS, and to assist in the evaluation of liquefaction susceptibility of granular soils or soils of relatively low cohesion. Test results are presented in Appendix B.

R-Value Test (ASTM D2844 and CT301) – One R-value test was conducted on a bulk composite sample of potential pavement subgrade material collected from cuttings generated from the borings to provide data on the prospective subgrade materials for use in new pavement section design. Test results are presented in Section 6.8 and in Appendix B.

Soil Corrosivity, Redox (ASTM G200), pH (ASTM G51), Resistivity (ASTM G57), Chloride (ASTM D4327), and Sulfate (ASTM D4327) - Soil corrosivity testing is performed to determine the effects of constituents in the soil on buried steel and concrete. Water-soluble sulfate testing is required by the California Building Code (CBC) and International Building Code (IBC). Soil corrosivity test results are summarized in Appendix B and are discussed in Section 4.3.

3.0 GEOLOGY AND SEISMICITY

3.1 Regional and Local Geologic Setting

The site is located in the central portion of the northern Coast Ranges geomorphic province of California. The Coast Ranges extend from the Transverse Ranges in southern California to the Oregon border and are comprised of a northwest-trending series of mountain ranges and intervening valleys that reflect the overall structural grain of the province. The ranges consist of a variably thick veneer of Cenozoic volcanic and sedimentary deposits overlying a Mesozoic basement of sedimentary, metamorphic, and basic igneous Franciscan Formation and primarily marine sedimentary rocks of the Great Valley Sequence. East-dipping sedimentary rocks of the Coast Ranges are flanked on the east by sedimentary rocks of the Great Valley geomorphic province (Page, 1966).

Specifically, the site is located within the southern portion of the Santa Clara Valley, south of San Francisco Bay. The valley is situated within a structural depression flanked by the Santa Cruz Mountains on the southwest and by the Diablo Range on the northeast, and which includes San Francisco Bay. The project site has been identified as being underlain by Pleistocene-aged surficial sediments (shown on Plate 3, *Site Vicinity Geologic Map*, as Qa). Larger scale mapping by Dibblee and Minch (2005) described the surficial sediments as alluvial gravel, sand, silt, and clay representing undifferentiated stream alluvium in drainages and alluvial fan deposits at base of slopes and on fan areas. The site is located within the watershed of West Little Llagas Creek, the natural channel of which was located within about 400 feet southwest of the site, based on mapping by Sowers and Henkle (2008).

3.2 Geologic Evolution of the Northern Coast Ranges

The subject site is located within the tectonically active and geologically complex northern Coast Ranges, which have been shaped by continuous deformation resulting from tectonic plate convergence (subduction) beginning in the Jurassic period (about 145 million years ago). Eastward thrusting of the oceanic plate beneath the continental plate resulted in the accretion of materials onto the continental plate. These accreted materials now largely comprise the Coast Ranges. The dominant tectonic structures formed during this time include generally east-dipping thrust and reverse faults.

Beginning in the Cenozoic time period (about 25 to 30 million years ago), the tectonics along the California coast changed to a transpressional regime and right-lateral strike-slip displacements as well as thrusting were superimposed on the earlier structures resulting in the formation of northwest-trending, near-vertical faults comprising the San Andreas Fault System. The northern Coast Ranges were segmented into a series of tectonic blocks separated by major faults including the San Andreas, Hayward, and Calaveras. The project site is situated between the active San Andreas and Hayward faults, but no known active faults with Holocene movement (last 11,000 years) lie within the limits of the site. The site is not mapped within an Alquist-Priolo Earthquake Fault Zone.

3.3 Regional Faulting and Tectonics

Regional transpression has caused uplift and folding of the bedrock units within the Coast Ranges. This structural deformation occurred during periods of tectonic activity that began in the Pliocene and continues today. The site is located in a seismically active region that has experienced periodic, large magnitude earthquakes during historic times. This seismic activity appears to be largely controlled by displacement between the Pacific and North American crustal plates, separated by the San Andreas Fault zone located southwest of the site. This plate displacement produced regional strain that is concentrated along major faults of the San Andreas Fault System including the San Andreas, Sargent, Calaveras, and San Gregorio Faults, as shown on Plate 4, *Regional Fault Map*. Active faults in regional proximity to the project site include the Calaveras Fault, located on the order of 4.1 miles northeast of the site; the San Andreas Fault, located on the order of 9.3 miles southwest of the site; the Sargent Fault, located on the order of 7.0 miles southwest of the site; and the San Gregorio Fault, located on the order of 32 miles southwest of the site.

The Working Group on California Earthquake Probabilities (2015), in conjunction with the United States Geological Survey (USGS), published an updated report evaluating the probabilities of significant earthquakes occurring in the Bay Area over the next three decades. Their report estimated that there is a 72% probability that at least one magnitude 6.7 or greater earthquake will occur within the San

Francisco Bay region by 2044. This probability is an aggregate value that considered seven principal Bay Area fault systems and unknown faults (i.e., background values).

4.0 FIELD AND LABORATORY FINDINGS

Subsurface conditions below the project site were interpreted based on the results of the test borings performed for this study, as well as the results of our laboratory testing. Detailed descriptions of the various subsurface soil units encountered during subsurface explorations are described in the following paragraphs.

4.1 Subsurface Soil Conditions

During our subsurface exploration program, we investigated the subsurface soils and evaluated soil conditions to maximum depth of about 40 feet as performed for this study. From our field exploration and collected data, we conclude that where explored, the site below the topsoil or surface grade in our borings is underlain by alluvial soils to the maximum depth explored. The alluvial soils generally consisted of loose to very dense sand with varying amounts of clay, silt, and gravel to a depth of approximately six feet, underlain by very stiff to hard lean clay with varying amounts of sand and gravel to the maximum depths explored. A lens of loose silty to clayey sand was encountered in one of the borings (i.e., Boring B-4) between approximate depths of 3½ and 6 feet.

Atterberg Limits tests performed on two samples of near-surface soils with significant fines content at depths of 1.5 and 3.5 feet resulted in measured Liquid Limits (LL) of 23 and 26, and corresponding respective Plasticity Indices (PI) of 4 and 7, indicative of low plasticity and low expansion potential.

4.2 Groundwater

Free groundwater was encountered at a depth of approximately 28½ feet below the ground surface (bgs) during the drilling of Boring B-4. The historic high groundwater is estimated to be at a depth of less than 10 feet, based on large scale groundwater contour mapping presented in the *Seismic Hazard Zone Report for the Morgan Hill Quadrangle* by CGS (2001). It should be noted that groundwater may not have had a sufficient period of time for the equilibrium groundwater conditions to become established. In addition, fluctuations in the groundwater level may occur due to variations in rainfall, temperature, and other factors not evident at the time the measurements were made.

4.3 Corrosion Testing

One composite sample of the near surface soils was tested to measure sulfate content, chloride content, redox potential, pH, resistivity, and presence of sulfides. Test results are included in Appendix B and are summarized on the following table.

Table 1: Summary of Corrosion Test Results

Soil Description	Boring No.	Sample Depth (feet)	Soluble Sulfate (mg/kg)	Chloride (mg/kg)	Redox (mV)	Resistivity (ohm-cm)	Sulfide	pH
Dark Reddish Brown Sandy CLAY (CL)	B-3	0 - 5	57	<2	476	7,893	Negative	7.4

Water-soluble sulfate can affect the concrete mix design for concrete in contact with the ground, such as shallow foundations, piles, piers, and concrete slabs. Section 4.3 in American Concrete Institute (ACI) 318, as referenced by the CBC, provides the following evaluation criteria summarized in Table 2:

Table 2: Sulfate Evaluation Criteria

Sulfate Exposure	Exposure Category	Water-Soluble Sulfate in Soil, Percentage by Mass or (mg/kg) (ASTM C1580)	Dissolved Sulfate in Water, ppm (ASTM D516 or D4130)	Cement Type	Max. Water Cementitious Ratio by Weight	Min. Unconfined Compressive Strength, psi
Negligible	S0	< 0.10 (< 1,000)	< 150	NA	NA	NA
Moderate	S1	0.10 to < 0.20 (1,000 to <2,000)	150 to < 1,500	II, IP (MS), IS (MS)	0.50	4,000
Severe	S2	0.20 to < 2.00 (2,000 to < 20,000)	1,500 to < 10,000	V	0.45	4,500
Very Severe	S3	Over 2.00 (20,000)	Over 10,000	V plus pozzolan	0.45	4,500

The water-soluble sulfate content was measured to be 57 mg/kg or 0.0057% by dry weight in the soil sample, suggesting the site soil should have negligible impact on buried concrete structures at the site. However, it should be pointed out that the water-soluble sulfate concentrations can vary due to the addition of fertilizer, irrigation, and other possible development activities.

Table 4.4.1 in ACI 318 suggests use of mitigation measures to protect reinforcing steel from corrosion where chloride ion content is above 0.06% by dry weight. The chloride content was measured to be less than 2 mg/kg or 0.0002% by dry weight in the soil sample. Therefore, the test result for chloride content does not suggest a corrosion hazard for mortar-coated steel and reinforced concrete structures due to high concentration of chloride.

In addition to sulfate and chloride contents described above, pH, oxidation reduction potential (Redox), and resistivity values were measured in the soil sample. For cast and ductile iron pipes, an evaluation was based on the 10-Point scaling method developed by the Cast Iron Pipe Research Association (CIPRA) and as detailed in Appendix A of the American Water Works Association (AWWA) publication C-105, and shown on Table 3.

Table 3: Soil Test Evaluation Criteria (AWWA C-105)

Soil Characteristics	Points		Soil Characteristics	Points
Resistivity, ohm-cm, based on single probe or water-saturated			**Redox Potential, mV**	
<700	10		>+100	0
700-1,000	8		+50 to +100	3.5
1,000-1,200	5		0 to 50	4
1,200-1,500	2		Negative	5
1,500-2,000	1		**Sulfides**	
>2,000	0		Positive	3.5
PH			Trace	2
0-2	5		Negative	0
2-4	3		**Moisture**	
4-6.5	0		Poor drainage, continuously wet	2
6.5-7.5	0		Fair drainage, generally moist	1
7.5-8.5	0		Good drainage, generally dry	0
>8.5	5			

Assuming fair site drainage, the tested soil sample had a total score of 1 point, indicating a non-corrosive rating for the tested sample. When total points on the AWWA corrosivity scale are at least 10, the soil is classified as corrosive to cast and ductile iron pipe, and use of cathodic corrosion protection is often recommended.

These results are preliminary, and provide information only on the specific soils sampled and tested. Other soil at the site may be more or less corrosive. Providing a complete assessment of the corrosion potential of the site soils are not within our scope of work. For specific long-term corrosion control design recommendations, we recommend that a California-registered professional corrosion engineer evaluate the corrosion potential of the soil environment on buried concrete structures, steel pipe coated with cement-mortar, and ferrous metals, in the event such analysis is desired or required for project design.

5.0 GEOLOGIC HAZARDS

5.1 Seismic Induced Hazards

Seismic hazards resulting from the effects of an earthquake generally include ground shaking, liquefaction and dynamic settlement (densification), lateral spreading, fault ground rupture and fault creep, and tsunamis and seiches. The site is not necessarily impacted by all of these potential seismic hazards. Applicable potential seismic hazards are discussed and evaluated in the following sections in relation to the planned construction.

5.1.1 Ground Shaking

The site will likely experience strong ground shaking from a major earthquake originating from a number of significant faults in the San Francisco Bay Area, including the Sargent, Calaveras, and San Andreas faults. Earthquake intensities vary throughout the Bay Area depending upon the magnitude of the earthquake, the distance of the site from the causative fault, the type of materials underlying the site and other factors.

In addition to shaking of the structure, strong ground shaking can induce other related phenomena that may have an effect on structures, such as liquefaction or dynamic densification settlement; adjacent seismic slope failure, lurching or lateral spreading.

5.1.2 Liquefaction Induced Phenomena

The site has been mapped as in an area of moderate susceptibility to liquefaction based on Witter et al. (2006) and using the interactive liquefaction susceptibility map by the Association of Bay Area Governments (ABAG). Research and historical data indicate that soil liquefaction generally occurs in saturated, loose granular soil (primarily fine to medium-grained, clean, poorly-graded sand deposits) during or after strong seismic ground shaking and is typified by a loss of shear strength in the affected soil layer, thereby causing the soil to flow as a liquid. Typically, liquefaction potential increases with increased duration and magnitude of cyclic loading. However, because of the higher intergranular pressure of the soil at greater depths, the potential for liquefaction is generally limited to the upper 40

feet of the soil. Potential hazards associated with soil liquefaction below or near a structure include loss of foundation support, lateral spreading, sand boils, and areal and differential settlement.

The soils encountered at the site investigation are predominantly medium dense to very dense sands with high fines (i.e., clay or silt) content to a depth of about six feet, underlain by very stiff to hard clay in the upper 40 feet. A single layer of loose granular soils with fines content of 44% was encountered in Boring B-4 between depths of 3½ and 6 feet. Based on the high amount of fines in the granular soils, we anticipate the liquefaction potential at the site to be very low.

Lateral spreading and lurch cracking are typically associated with liquefaction. Because the site is relatively level, there is not a nearby free slope face, and no continuous liquefiable layer below the site was identified, we judge that the risk of seismically-induced lateral spreading at the site to be very low to nil.

5.1.3 Dynamic Densification (Settlement)

Dynamic densification or settlement is a process in which unsaturated, relatively clean, loose sandy soils are densified by the vibratory motion of a strong seismic event. Relatively clean sands were not encountered to a significant extent in our borings. Therefore, seismic dry settlement is not expected to have a significant effect on the project.

5.1.4 Fault Ground Rupture and Fault Creep

The State of California adopted the Alquist-Priolo Earthquake Fault Zone Act of 1972 (Chapter 7.5, Division 2, Sections 2621 – 2630, California Public Resources Code), which regulates development near active faults for the purpose of preventing surface fault rupture hazards to structures for human occupancy. In accordance with the Alquist-Priolo (A-P) Act, the California Geological Survey established boundary zones or *Earthquake Fault Zones* surrounding faults or fault segments judged to be sufficiently active, well-defined and mapped for some distance. Structures for human occupancy within designated Earthquake Fault Zone boundaries are not permitted unless surface fault rupture and fault creep hazards are adequately addressed in a site-specific evaluation of the development site.

The site is not currently within a designated Earthquake Fault Zone as defined by the State (Hart and Bryant, 1997). The closest Earthquake Fault Zone is associated with the Calaveras Fault, located on the order of 4.1 miles northeast of the site. Based on our evaluation, the potential for fault ground rupture or creep at the site is very low to nil.

5.2 Consolidation Settlement

Consolidation is the densification of soil into a more dense arrangement from additional loading, such as from new fills or foundation loads. Consolidation of clayey soils is usually a long-term process, whereby the water is squeezed out of the soil matrix with time. Sandy soils consolidate relatively rapidly with an introduction of a load. Consolidation of soft and loose soil layers and lenses can cause settlement of the ground surface or buildings. Site soils considered to be susceptible to significant consolidation settlement under the anticipated building loads were not encountered during our field exploration.

5.3 Expansive Soils

Visual observation and laboratory testing of selective samples of the near-surface soils indicated low plasticity, and as a result the near-surface soils are considered to have a low expansion potential. The results of the laboratory testing performed on representative samples of the near-surface soils indicate Plasticity Indexes of 4 and 7, indicative of a low shrink/swell or expansion potential. Hence, only minor mitigation for moderately low expansive soil conditions consisting of moisture conditioning of the subgrade will be required for this site.

6.0 CONCLUSIONS AND ENGINEERING RECOMMENDATIONS

The following conclusions and engineering recommendations are based upon the analysis of the information gathered during the course of this study and our understanding of the proposed improvements.

The site is considered suitable from a geotechnical and geologic perspective for the proposed improvements provided the recommendations of this report are incorporated into the design and implemented during construction. The predominant geotechnical and geological issues affecting design or construction that will need to be addressed at this site are summarized below and addressed in the following sections.

Seismic Ground Shaking – The site is located within a seismically active region and expected to be subjected to moderately strong to very strong ground shaking during the life of new structures. As a minimum, new building designs should consider the effects of seismic activity in accordance with the latest edition of the California Building Code (CBC).

Undocumented Fill Soils - Undocumented fill soils, not evident during the performance of the field exploratory borings, may occur within the sites of the existing buildings as a result of footing foundation or utility removal during future demolition operations. Where undocumented fill soils are encountered at the bottom of new building footing excavations, the excavations will need to be deepened in such areas so that all new foundations bear on competent native soils.

Winter Construction – If grading occurs in the winter rainy season, appropriate erosion control measures will be required and weatherproofing of the building pads, foundation excavations, and/or pavement areas should be considered. Winter rains will also impact foundation excavations and underground utilities. Subgrades for fill and pavements may be unstable under the loading of construction equipment, and compaction per the project specifications may not be feasible. Unstable areas may be addressed through local means such as stabilization geotextiles or geogrids. Large unstable areas, where

economically feasible, may be stabilized through chemical stabilization methods (e.g., lime-cement treatment).

Other potential geotechnical and geologic considerations, including those that should not significantly impact the currently planned project are explained below.

Groundwater - Groundwater was encountered at a depth of below 28 feet during our field investigation, but was shown in large scale CGS groundwater contour mapping as potentially less than 10 feet. In our opinion, with the exception of unanticipated shallow seepage or locally perched groundwater zones, groundwater should not be problematic with placement of the anticipated shallow conventional foundations and utility trenches.

Utility Connections – As a general suggestion, where utility damage during a design seismic event may be an issue, the Structural Engineer should consider using utility connections at building perimeters designed for minimum of one inch of potential movement in any direction where the utility enters the buildings. This flexibility would help accommodate potential differential movement during a seismic event.

6.1 Seismic Coefficients

The proposed buildings should be designed in accordance with local design practice to resist the lateral forces generated by ground shaking associated with a major earthquake occurring within the greater San Francisco Bay region. Based on the subsurface conditions encountered in our borings and our evaluation of the geology of the site, we judge Site Class "D" with V_{s30} of 280 meter/second (918 ft/sec), representative of stiff soils averaged over the uppermost 100 feet of the subsurface profile to be appropriate for this site.

For seismic analysis of the proposed site in accordance with the seismic provisions of the 2016 California Building Code (CBC), we recommend using the coefficients presented in Table 4 for seismic design.

Table 4: Seismic Coefficients Based on 2016 CBC (per ASCE 7-10)

Item	Value	2016 CBC Source[R1]	ASCE 7-10 Table/Plate[R2]
Site Class	D	Table 1613A.3.2	Table 20.3-1
Mapped Spectral Response Accelerations Short Period, S_S 1-second Period, S_1	1.518 g 0.6 g		Plate 22-1 Plate 22-2
Site Coefficient, F_a	1.0	Table 1613A.3.3(1)	Table 11.4-1
Site Coefficient, F_v	1.5	Table 1613A.3.3(2)	Table 11.4-2
MCE (S_{MS})	1.518 g	Equation 16A-37	Equation 11.4-1
MCE (S_{M1})	0.9 g	Equation 16A-38	Equation 11.4-2
Design Spectral Response Acceleration Short Period, S_{DS} 1-second Period, S_{D1}	1.012 g 0.6 g	Equation 16A-39 Equation 16A-40	Equation 11.4-3 Equation 11.4-4
Peak Ground Acceleration (PGA_M)	0.573 g	-	Equation 11.8-1

R1 California Building Standards Commission (CBSC), "California Building Code," 2016 Edition.
R2 U.S. Seismic "Design Maps" Web Application, https://geohazards.usgs.gov/secure/designmaps/us/application.php

Note: the Seismic Design Category is D for buildings in Risk Categories I, II, and III.

6.2 Site Grading

6.2.1 General Grading and Material Requirements

Site grading will depend on the specific details of the project to be determined, but would generally be anticipated to consist of excavations and backfills to construct the building pads; finish grading to establish other site grades, utility trench excavation and backfills; construction/excavation of biofiltration areas, if such areas are required; preparation of supporting subgrades for site pavements if any, and flatwork including public sidewalks; and placement of aggregate base (baserock) sections for flatwork and any pavements.

On-site soils having an organic content of less than three percent by weight and meeting import fill size requirements can be reused as general non-select fill as approved by the Geotechnical Engineer. Imported soil should be relatively non-expansive, having a Plasticity Index of 12 or less, an R-Value greater than 40, and contain sufficient fines so the soil can bind together. Imported materials should be

free of environmental contaminants, organic materials and debris, and should not contain rocks or lumps greater than three inches in maximum size. Import fill materials should be approved by the Geotechnical Engineer prior to use on site.

Fill materials should be properly moisture conditioned to the minimum moisture contents as indicated in Section 6.2.2, *Project Compaction Recommendations*, and placed in uniform loose lifts not to exceed eight inches in loose thickness. Smaller lifts may be necessary to achieve the minimum required compaction using lighter weight compaction equipment. It should be noted that the use of on-site soils for fill will require moisture conditioning (drying or wetting). Moisture conditioning may be difficult to achieve during cold, wet periods of the year, or during extreme temperatures and after precipitation events.

Final grading should be designed to provide positive drainage away from structures. Soil areas and flatwork within 10 feet of proposed structures should slope at a minimum of three and two percent, respectively, away from the structure. Roof leaders and downspouts, if any, should discharge onto paved surfaces sloping away from the structures or into a closed pipe system channeled away from the structure to an approved collector or outfall.

6.2.2 Project Compaction Recommendations

Table 5 provides the recommended compaction requirements for this project. Some items listed below may not apply to this project. Specific moisture conditioning and relative compaction recommendations will be discussed individually within applicable sections of this report.

Table 5: Project Compaction Recommendations

Description	Percent Relative Compaction	Recommended Minimum Percent Above Optimum Moisture Content
Building Pad, Onsite Soil	90	2
Building Pad, Subgrade Soil	90	2
Building Pad, Imported Select Fill	90	2
Building Pad, Treated Soil	90	2

Description	Percent Relative Compaction	Recommended Minimum Percent Above Optimum Moisture Content
AC Pavement*, Subgrade, Upper 8”	95	2
AC Pavement, Import Fill	90	2
AC Pavement, Onsite Soil	90	2
AC Pavement*, Class 2 Baserock	95	2
AC Pavement*, Treated Soil, Subgrade	93	2
Concrete Flatwork, Class 2 Baserock	90	2
Concrete Flatwork, Subgrade Soil	90	2
Below-Grade Wall Backfill, Upper 5’	90	2
Below-Grade Wall Backfill, 5’ and Deeper	95	2
Underground Utility Trench Backfill, Import	90	2
Underground Utility Trench Backfill, Onsite Soil	90	2
Underground Utility Trench Backfill - Landscape Areas (not including areas below flatwork)	85	2
Underground Utility Trench Backfill, Clean Sand	95	4
Underground Utility Trench Backfill, Upper 3’ below adjacent Existing Pavement Sections	95	2

* includes curbs and gutters along streets and driveways, and along parking lot perimeter at designer’s (civil engineer) option

6.2.3 Site Preparation and Demolition

Site grading should be performed in accordance with these recommendations. A pre-construction conference should be held at the jobsite with representatives from the owner, general contractor, grading contractor, and Geosphere prior to starting the stripping and demolition operations at the site.

The site should be cleared of existing buildings including foundations, pavements, vegetation, organic topsoil, debris, loose or soft soils, and other deleterious materials within the proposed development areas. The grading contractor should be aware of buried objects and underground utilities at the site which are to be removed or abandoned appropriately. Holes resulting from the removal of underground obstructions extending below the proposed finish grade should be cleared and backfilled with properly compacted engineered fill or other material approved by the Geotechnical Engineer. We recommend

backfilling operations for any excavations to remove deleterious material be carried out under the observation of the Geotechnical Engineer.

The presence of existing underground utilities may impact the project construction. The utilities will need to be properly abandoned and/or entirely removed from proposed building area. In general, utility pipelines less than four inches in diameter to be abandoned may be left in place provided they will not be in close proximity to new foundation elements or interfere with new utilities. Such pipes should be plugged at the ends with concrete or sand-cement slurry. Larger utility pipelines or pipelines that underlie new foundations should be removed and replaced with engineered fill, or left in place and completely grouted with flowable sand-cement slurry or other approved Controlled Density Fill (CDF; also known as Controlled Low Strength Material, or CLSM).

6.2.4 Building Subgrade Preparation

Following excavation to the required grades, subgrades in areas to receive engineered fill, slabs-on-grade, flatwork or pavements should be scarified to a depth of at least eight inches; moisture conditioned, and compacted to the recommended requirements for engineered fill presented in Section 6.2.2. Engineered fill, if required, should be placed in accordance with requirements presented in Section 6.2.1.

The compacted building pad surface should be firm and unyielding and should be protected from damage caused by traffic or weather. Soil subgrades should be kept moist during construction. In order to achieve satisfactory compaction of the subgrade and fill materials, it may be necessary to adjust the water content at the time of construction. This may require that water be added to soils that are too dry, or that scarification and aeration be performed in any soils that are too wet. Fill material should be evenly spread and compacted in lifts not exceeding eight inches in pre-compacted thickness.

Newly exposed near-surface soils under existing site pavements and buildings once removed are typically saturated to near-saturated. Therefore, it is anticipated that unstable subgrade conditions unworkable for compaction by construction equipment may likely be present under existing paved areas

and buildings, and compaction of the exposed soil subgrade to engineered fill requirements immediately after exposure may not be feasible. Possible options for subgrade stabilization include ripping, air-drying and re-compacting exposed subgrade material; admixtures such as lime-cement; or in localized areas, use of reinforcing stabilization geotextile or geogrid, as discussed below. More detailed recommendations can be provided during construction should unstable subgrades be encountered by the contractor.

Unstable subgrades in smaller, isolated areas can be stabilized by over excavating to a minimum of 18 inches in depth below finished subgrade elevation where competent, stable soils are not encountered. The bottom of the excavation should then be completely covered with a ground stabilization geotextile fabric such as Mirafi 500X or equivalent, and typically backfilled with Class 2 aggregate base. Alternatively, with the approval of the Geotechnical Engineer, such areas can be stabilized by over-excavating at least one foot, placing Tensar TriAx TX-140 or equivalent geogrid on the soil, and then placing 12 inches of Class 2 baserock on the geogrid. The upper six inches of the baserock in either case should be compacted to at least 90% relative compaction.

6.2.5 Grading Pavement and Flatwork Areas

The existing soil in pavement and flatwork areas should be scarified to a depth of at least eight inches; moisture conditioned, and compacted in accordance with the recommendations presented in Section 6.2.2. Once the compacted subgrade has been reached, it is recommended that baserock in paved areas be placed immediately after grading to protect the subgrade soil from drying. Alternatively, the subgrade should be kept moist by watering until the baserock is placed. Rubber-tired heavy equipment, such as a full water truck, should be used to proof roll exposed pavement subgrade areas where pumping is suspected. Proof rolling will determine if the subgrade soil is capable of supporting construction paving equipment without excessive pumping or rutting. If unstable subgrade areas are encountered, stabilization recommendations presented in Section 6.2.4 may be implemented, except the uppermost eight inches of vehicle pavement subgrade should be compacted to a minimum 95%.

6.3 Utility Trench Construction

6.3.1 Trench Backfilling

Utility trenches may be backfilled with onsite soil above the utility bedding and shading materials. If rocks or concrete larger than four inches in maximum size are encountered, they should be removed from the fill material prior to placement in the utility trenches. The subgrade soil in building pads and pavement areas may also have different compaction requirements (see Section 6.2.2, *Project Compaction Recommendations*).

Pipeline trenches should be backfilled with fill placed in lifts of approximately eight inches in pre-compacted thickness. However, thicker lifts can be used, provided the method of compaction is approved by the Geotechnical Engineer, and the required minimum degree of compaction is achieved.

Pea gravel, rod mill, or other similar self-compacting material generally should not be utilized for trench backfill since this material will most readily transmit possible shallow groundwater, perched groundwater, or irrigation water to other locations within the site and potentially beneath the buildings. Additionally, fines may migrate into the voids in the pea gravel or rod mill, which could cause settlement of the ground surface above the trench.

If rain is expected and the trench will remain open, the bottom of the trench may be lined with one to two inches of gravel. This would provide a working surface in the trench bottom. The trench bottom may have to be sloped to a low point to pump the water out of the trench.

6.3.2 Utility Penetrations at Building Perimeter

Flexible connections at building perimeters should be considered for critical utility lines going through perimeter foundations. This would provide flexibility during a strong seismic event. This could be provided by special flexible connections, pipe sleeving with appropriate waterproofing, or other methods.

6.3.3 Pipe Bedding and Shading

Pipe bedding material is placed in the utility trench bottom to provide a uniform surface, a cushion, and protection for the utility pipe. Shading material is placed around the utility pipe after installation and testing to protect the pipe. Bedding and shading material and placement are typically specified by the pipe manufacturer, agency, or project designer. Agency and pipe manufacturer recommendations may supersede our suggestions. These suggestions are intended as guidelines and our opinions based on our experience to provide the most cost-effective method for protecting the utility pipe and surrounding structures. Other geotechnical engineers, agency personnel, contractors, and civil engineers may have different opinions regarding this matter.

Bedding and Shading Material - The bedding and shading material should be the same material to simplify construction. The material should be clean, uniformly graded, fine to medium grained sand. It is suggested that bedding and shading material contain less than 3% fines with 100% passing the No. 8 sieve. Coarse sand, angular gravel or baserock should be avoided for smaller diameter pipes since this type of shading material may bridge when backfilling around the pipe, possibly creating voids, and may be too stiff as bedding material. Open graded gravel should be avoided for shading since this material contains voids, and the surrounding soil could wash into the voids, potentially causing future ground settlement. However, open graded gravel may be required for bedding material when water is entering the trench. This would provide a stable working surface and a drainage path to a sump pit in the trench for water in the trench. The maximum size for bedding material should be limited to about ¾-inch.

Bedding Material Placement - The thickness of the bedding material should be minimized to reduce the amount of trench excavation, soil export, and imported bedding material. Two to three inches for pipes less than eight-inches in diameter and about four to six inches for larger pipes are suggested, unless additional bedding material is required to achieve bottom stability when a stabilization fabric is used. Bedding for very large diameter pipes are typically controlled by the pipe manufacturer. Compaction is not required for thin layers of bedding material. The pipe needs to be able to set into the bedding, and walking on a thin layer of bedding material should sufficiently compact the sand. Rounded gravel may

be unstable during construction, but once the pipe and shading material is in place, the rounded gravel will be confined and stable.

Shading Material Placement – Jetting is not typically recommended since the type of shading material is unknown when preparing the geotechnical report and agencies typically do not permit jetting. If the sand contains fines or if the sand is well graded, jetting will not work. Additionally, if too much water is used during jetting, this could create a wet and unstable condition. The shading material should be able to flow around and under the utility pipe during placement. Some compaction effort along the sides of the pipe should be made by the contractor to consolidate the shading material around the pipe. A minimum thickness of about six-inches of shading material should be placed over the pipe to protect the pipe from compaction of the soil above the shading material. The contractor should provide some compaction effort to densify the shading material above the pipe. Relative compaction testing is not usually performed on the shading material. However, the contractor is ultimately responsible for the integrity of the utility pipe.

6.4 Foundations

6.4.1 Shallow Foundations

The proposed buildings can be supported on conventional continuous and isolated spread footings bearing on undisturbed stiff native soil or properly compacted fill. Footings should be founded a minimum of 24 inches below lowest adjacent finished grade (exterior grade or building pad subgrade elevation, as applicable). Continuous footings should have a minimum width of at least 18 inches, and isolated column footings should have a minimum width of at least 24 inches. In addition, footings located adjacent to other footings or utility trenches should bear below an imaginary 1.5:1 (horizontal to vertical) plane projected upward from the bottom edge of the adjacent footings or utility trenches. Footing reinforcement should be determined by the project Structural Engineer.

Footings should be designed for the following allowable bearing pressures, assuming design Factors-of-Safety of 3.0, 2.0 and 1.5 for dead loads, dead plus live loads and total loads, respectively, from the calculated ultimate bearing pressure.

Table 6: Allowable Bearing Pressures for Spread Footings

Load Condition	Allowable Bearing Pressure (psf)
Dead Load	2,250
Dead plus Live Loads	3,400
Total Loads (including wind or seismic)	4,500

If site preparation and foundation observation services are conducted as outlined in the report, static vertical settlement is expected to on the order of one inch for footings bearing within the materials described in the report and designed to the aforementioned allowable bearing pressures. This settlement can be proportionally reduced by reducing the allowable bearing pressures. Static settlements can be expected to occur relatively rapidly as the loads are applied. Differential settlement across a structure is not expected to exceed about half to two-thirds of the anticipated settlement values.

Geosphere personnel should be retained to observe and confirm that footing excavations prior to formwork and reinforcing steel placement bear in soils suitable for the recommended maximum design bearing pressure. Where unsuitable supporting soil such as undocumented fill associated with demolition of the previous onsite construction and backfilling of excavations such as for old removed footings or utilities is present, the footing excavation should be deepened until suitable supporting, undisturbed native material is encountered. The over-excavation should be backfilled using structural or lean concrete (or a sand-cement slurry mix acceptable to the Geotechnical Engineer) up to the bottom of the footing concrete.

Footing excavations should have firm bottoms and be free from excessive slough prior to concrete or reinforcing steel placement. Care should also be taken to prevent excessive wetting or drying of the bearing materials during construction. Extremely wet or dry or any loose or disturbed material in the

bottom of the footing excavations should be removed prior to placing concrete. If construction occurs during the winter months, a thin layer of concrete (sometimes referred to as a rat slab) could be placed at the bottom of the footing excavations. This will protect the bearing soil and facilitate removal of water and slough if rainwater fills the excavations.

6.4.2 Lateral Resistance

Foundation elements can resist lateral loads with a combination of bottom friction and passive resistance. An allowable coefficient of friction of 0.35 between the base of the foundation elements and underlying material is recommended. In addition, an ultimate passive resistance equal to an equivalent fluid weighing 350 pounds per cubic foot (pcf) acting against the foundation may be used for lateral load resistance against the sides of footings perpendicular to the direction of loading where the footing is poured neat against undisturbed material (i.e., native soils or engineered fills). The top foot of passive resistance at foundations not adjacent to floor slab, pavement or flatwork should be neglected. The friction between the bottom of a slab-on-grade floor and the underlying soil should not be utilized to resist lateral forces.

6.5 Concrete Slabs-on-Grade

6.5.1 Interior Floor Slabs

Non-structural concrete slabs-on-grade, if any are utilized in the project, should be a minimum of five-inches in thickness and should be reinforced by minimum No. 4 steel bars spaced no greater than 18 inches each way. However, the actual thickness and reinforcing of the slab should be designed by the Structural Engineer. Onsite surficial materials appear to have a low expansion potential and therefore, a non-expansive fill (NEF) section for building pads is not necessary.

If desired, slab-on-grade concrete floors with moisture sensitive floor coverings should be underlain by a moisture retarder system constructed between the slab and subgrade. Such a system could consist of four inches of free-draining gravel, such as 3/4-inch, clean, crushed, uniformly graded gravel with less than 3% passing No. 200 sieve, or equivalent, overlain by a relatively impermeable vapor retarder placed

between the subgrade soil and the slab. The vapor retarder should be at least 10-mil thick and should conform to the requirements for ASTM E 1745 Class C Underslab Vapor Retarders (e.g., Griffolyn Type 65, Griffolyn Vapor Guard, Moistop Ultra C, or equivalent). If additional protection is desired by the owner, a higher quality vapor barrier conforming to the requirements of ASTM E 1745 Class A, with a water vapor transmission rate less than or equal to 0.006 gr/ft^2/hr (i.e., 0.012 perms) per ASTM E 96 (e.g., 15-mil thick "Stego Wrap Class A"), or to Class B (Griffolyn Type 85, Moistop Ultra B, or equivalent) may be used in place of a Class C retarder.

The vapor retarder or barrier should be placed directly under the slab. A sand layer is not required over the vapor retarder from a geotechnical standpoint. If sand on top of the vapor retarder is required by the design structural engineer, we suggest the thickness be minimized to less than one inch. If construction occurs in the winter months, water may pond within the sand layer since the vapor retarder may prevent the vertical percolation of rainwater. Sand and crushed rock layers may be considered to comprise some of the thickness of the recommended non-expansive fill underlying the interior slab.

ASTM E1643 should be utilized as a guideline for the installation of the vapor retarder. During construction, all penetrations (e.g., pipes and conduits,) overlap seams, and punctures should be completely sealed using a waterproof tape or mastic applied in accordance with the vapor retarder manufacturer's specifications. The vapor retarder or barrier should extend to the perimeter cutoff beam or footing.

6.5.2 Exterior Concrete Flatwork

Exterior concrete flatwork intended for pedestrian traffic should be at least four-inches thick and supported on either compacted native subgrade or a baserock layer constructed in accordance with the applicable recommendations presented in Sections 6.2.1, 6.2.2 and 6.2.5.

For shrinkage crack control, we recommend that control joints be designed and constructed in accordance with American Concrete Institute (ACI) recommendations. In general, this would require

control joints on a maximum spacing of approximately 10 feet by 10 feet, with a closer spacing depending on the shape of the concrete slab.

6.6 Pavement Design

6.6.1 Flexible Pavements

Recommendations for the design of flexible asphalt concrete pavement sections were developed in accordance with the procedures outlined in the latest edition of the Caltrans Highway Design Manual. The Caltrans design method uses Traffic Indices to represent anticipated wheel loads and frequency of usage for a given design life. A design life of 20 years is typically used in California. Factors such as surface and subsurface drainage have an effect on the overall life of a pavement section.

An R-values of 19 was obtained by laboratory tests performed on bulk samples of the near-surface clayey sand soils, and an R-value of 10 was assumed for our analyses. A Traffic Index (TI) value of 4.5 was used for surface parking areas and access driveways assuming passenger cars and occasional delivery truck type traffic. A heavier pavement section using a TI value of 5.5 was used for driveway pavements intended to receive loads from occasional heavier delivery truck traffic. Table 7 presents the resulting recommended structural asphalt concrete (AC)/ aggregate base (AB) pavement sections based on the assumed TI values.

Table 7: Recommended Flexible Pavement Design Alternatives

Load Application (Traffic Index)	Asphalt Concrete (in.)	Class 2 AB (in.)	Total Section (in.)
Driveways and Parking Areas for Passenger Car and Light Truck Traffic (4.5)	2.5	8.0	10.5
Driveways with Light Delivery Truck Traffic (5.5)	3.0	10.0	13.0

If the lighter pavements (TI = 4.5) are planned to be placed prior to, or during construction, the traffic indices and pavement sections may not be adequate for support of what is typically more frequent and heavier construction traffic. Therefore, if the pavement sections will be used for construction access, the

heavier pavement section should be considered, or the asphalt concrete should be placed in phases (e.g., placement of final lift of AC after building construction is substantially completed) to minimize pavement damage caused by construction traffic.

Design based on the aforementioned traffic indices should provide the design pavement life with only a normal amount of pavement maintenance.

In areas where pavements will abut planted areas or adjacent permeable pavement sections, the pavement aggregate base layer, pavement section subgrade soils and trench backfill should be protected against saturation. Planned concrete curbs or other impermeable barrier materials should extend at least to the bottom of the aggregate base layer, forming a concrete barrier between the landscaped areas and the pavement section. In addition, water should never be allowed to pond behind the curb and gutter during or after the completion of construction.

AB for use in flexible pavements should conform to Caltrans Standard Specification Sections 26-1.02A and 26-1.02B (2010) for Class 2 AB. AB from recycled sources offered by AB suppliers as well as AC grindings mixed with existing baserock and meeting Class 2 specifications can be utilized in lieu of virgin Class 2 AB upon approval of the Geotechnical Engineer. AB used in pavement sections should be compacted to a minimum 95% relative compaction (ASTM D1557) and should be firm and unyielding at the time of asphalt concrete placement.

6.6.2 Rigid Pavements

As an alternative to flexible pavement sections, new pavement areas may consist of rigid concrete pavement, which in addition to our subgrade preparation recommendations presented for slabs-on-grade, should be designed and constructed in accordance with American Concrete Institute (ACI) 330R-08 – *Guide for Design and Construction of Concrete Parking Lots*. Based on an assumed six-inch thick aggregate base layer underlying the rigid pavement, a subgrade-subbase support strength value of 130 pci was assumed in our analysis. In addition, our design assumes that rigid pavements would be

restrained laterally by concrete walls or curbs, and that the concrete will have a compressive strength of at least 3,600 psi.

Based on these assumptions, Table 8 shows minimum rigid pavement sections for a 20-year pavement life and maximum spacing between joints, for lightly loaded pavements subjected to minimal tractor-trailer traffic.

Table 8: Rigid Pavement Design Alternatives

Traffic Categories	Design ADTT*	Pavement Components		Total Thickness (inches)	Contraction Joints Maximum Spacing (feet)
		Portland Cement Concrete (inches)	Caltrans Class 2 Aggregate Base (inches)		
Driveway Entrance and Vehicle Parking Areas	0	5	6.0	11.0	8.5
	1	6	6.0	12.0	10

*ADTT = Average daily truck traffic in both directions (vehicles with at least six wheels; excludes panel trucks, pickup trucks, and other four-wheel vehicles)

Reinforcing steel or fiber mesh may be used for shrinkage crack control, if desired. In addition, maximum spacing should be provided between contraction joints on both directions.

6.7 Stormwater Infiltration Design Considerations

In order to meet the requirements of Provision C.3 of the Municipal Regional Stormwater Permit (MRP), post-construction stormwater controls could be required as part of the project. Stormwater infiltration treatment systems utilizing measures such as biofiltration swales or planters, or pervious pavements or pavers should be designed considering the typical infiltration rates characteristic of the onsite surficial soils. The near-surface soils at the site were found to typically consist of silty to clayey sands that are typically categorized as Hydrologic Soil Group “B” soils (USDA, 2007). Where infiltration rates are judged to be too low to accommodate infiltration of collected stormwater to the underlying soils, use of a subdrainage layer consisting of an appropriate permeable material would be required. Field infiltration tests were not within the scope of work of this study, but can be subsequently performed if desired.

In general, biofiltration swales or basins should not be placed directly adjacent to building perimeters in order to minimize impact on the long-term performance of foundations. If such features must be constructed adjacent to foundations, the filter material should not be located within the footing zone of influence, considered to be the zone below an imaginary 1.5:1 (horizontal to vertical) plane projected downward from the bottom edge of the adjacent building footing. In addition, the bottom of the bioswale or biofiltration area should include a perforated subdrain pipe to carry collected infiltration water away from the foundations.

Biofiltration swales should preferably be placed a minimum of five feet away from pavements or exterior flatwork in order to reduce potential impacts on these features such as settlement or lateral movement. Where concrete curbs are located adjacent to bioswale or other filtration features, the loose biofiltration material should not be located within a zone below an imaginary 1:1 (horizontal to vertical) plane projected downward from the bottom edge of the adjacent curb. Curbs adjacent to deeper biofiltration features may also be designed as retaining walls with the bottom of the wall deriving passive resistance from soils below the adjacent biofiltration medium. Retaining walls may be designed using the lateral resistance values presented in Section 6.7.1, and assuming an ultimate lateral active pressure of 35 pcf EFP.

6.8 Observation and Testing During Construction

We recommend that Geosphere be retained to provide observation and testing services during site preparation, site grading, excavation and shoring installation, utility construction, foundation excavation, and to observe final site drainage. This is to observe compliance with the design concepts, specifications and recommendations, and to allow for possible changes in the event that subsurface conditions differ from those anticipated prior to the start of construction.

7.0 LIMITATIONS AND UNIFORMITY OF CONDITIONS

The recommendations of this report are based upon the soil and conditions encountered in the field explorations (i.e., borings). If variations or undesirable conditions are encountered during construction, Geosphere should be contacted so that supplemental recommendations may be provided.

This report is issued with the understanding that it is the responsibility of the owner or his representatives to see that the information and recommendations contained herein are called to the attention of the other members of the design team and incorporated into the plans and specifications, and that the necessary steps are taken to see that the recommendations are implemented during construction.

The findings and recommendations presented in this report are valid as of the present time for the development as currently proposed. However, changes in the conditions of the property or adjacent properties may occur with the passage of time, whether by natural processes or the acts of other persons. In addition, changes in applicable or appropriate standards may occur through legislation or the broadening of knowledge. Accordingly the findings and recommendations presented in this report may be invalidated, wholly or in part, by changes outside our control. Therefore, this report is subject to review by Geosphere after a period of three (3) years has elapsed from the date of issuance of this report. In addition, if the currently proposed design scheme as noted in this report is altered, Geosphere should be provided the opportunity to review the changed design and provide supplemental recommendations as needed.

Recommendations are presented in this report which specifically request that Geosphere be provided the opportunity to review the project plans prior to construction and that we be retained to provide observation and testing services during construction. The validity of the recommendations of this report assumes that Geosphere will be retained to provide these services.

This report was prepared upon your request for our services, and in accordance with currently accepted geotechnical engineering practice. No warranty based on the contents of this report is intended, and

none shall be inferred from the statements or opinions expressed herein. The scope of our services for this report did not include an environmental assessment or investigation for the presence or absence of wetlands or hazardous or toxic materials in the soil, surface water, groundwater or air, on, below or around this site. Any statements within this report or on the attached Plates, logs or records regarding odors noted or other items or conditions observed are for the information of our client only.

8.0 REFERENCES

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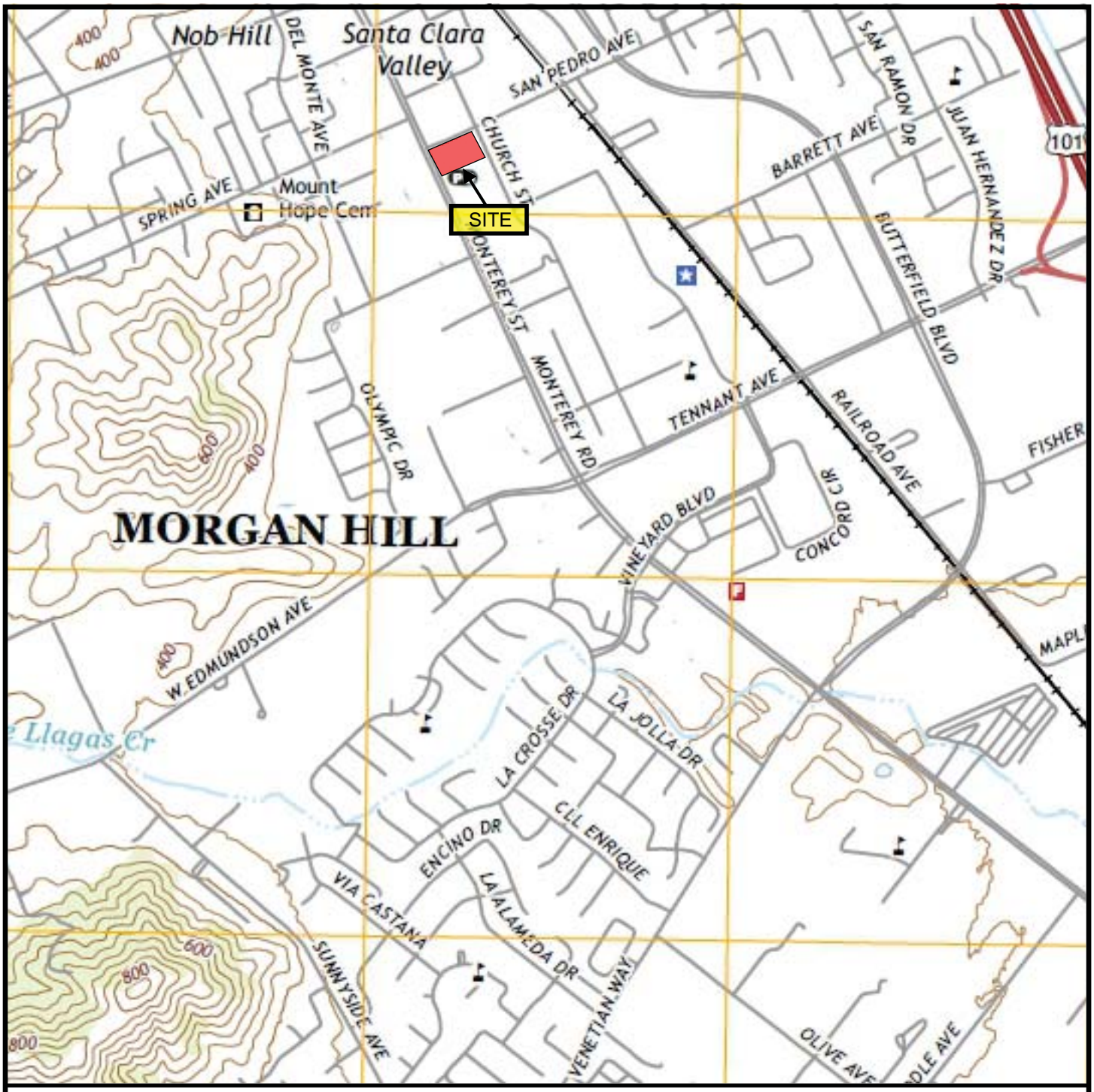
PLATES

Plate 1 – Site Vicinity Map
Plate 2 – Exploration Plan
Plate 3 – Regional Geologic Map
Plate 4 – Regional Fault Map



N

2000 ft 4000 ft

Scale

Source: Mount Madonna Quadrangle California 7.5-Minute Series (2018)

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Site Vicinity Map

New Morgan Hill Senior Housing Development
Monterey Road & San Pedro Avenue
Morgan Hill, California 95037

91-04677-A	September 2019	Plate 1

B1 - Approximate Boring Location

- Approximate Improvement

N

50 ft 100 ft

Scale

Google Map Data (2019)

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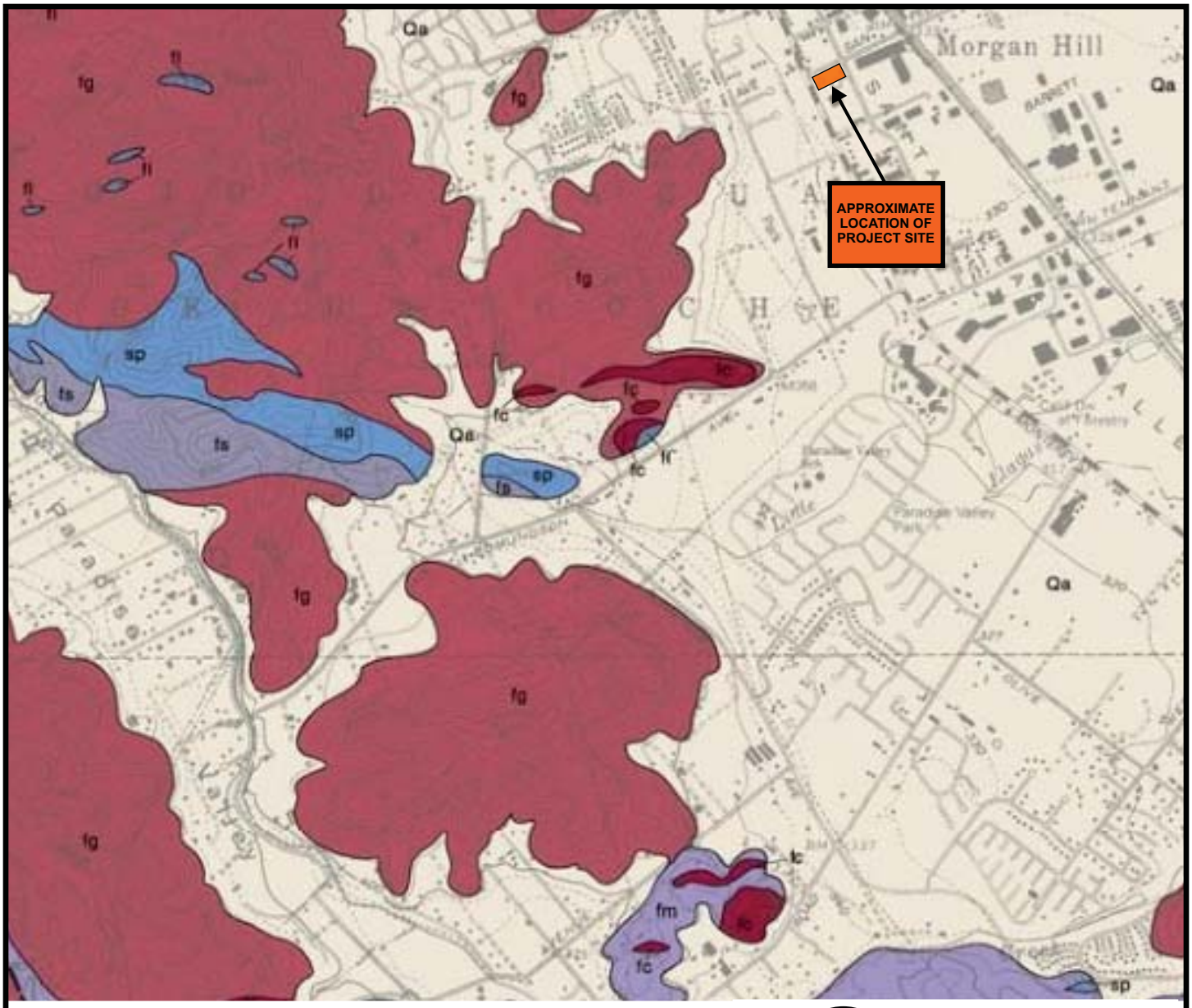
Exploration Plan

New Morgan Hill Senior Housing Development
Monterey Road & San Pedro Avenue
Morgan Hill, California 95037

91-04677-A	September 2019	Plate 2



N

0.5 mi 1 mi

Scale

LEGEND

Qa Qg

SURFICIAL SEDIMENTS

Qg *Sand and gravel of major stream channels*

Qa *Alluvial gravel, sand and clay of valley areas, includes alluvial fan deposits near*

sp

SERPENTINITE

sp *Hydrothermally metamorphosed from ultramafic igneous rocks, such as dunite and diabase; rock blue-green gray, amorphous hydrous magnesium silicate with specks of magnetite, massive, much fractured and slickensided, commonly sheared especially near faults; may be part of Coast Range Ophiolite complex, but in this quadrangle occurs mostly as elongated masses within Franciscan Assemblage*

fm fg fs fc di fl

FRANCISCAN ASSEMBLAGE

Submetamorphosed eugeosynclinal sedimentary and mafic igneous rocks, marine clastic, lithified; age late Jurassic and Cretaceous

fm *Melange (mixture) of mostly dark gray claystone, pervasively sheared, and graywacke or metagraywacke, gray, massive, fine grained, hard but fractured, brecciated and sheared, contains numerous tectonic fragments of mostly graywacke (**fs**) and others of chert or metachert (**fc**), greenstone (**fg**) and limestone (**fl**)*

fs *Graywacke or metagraywacke sandstone, gray, fine grained, massive to bedded, hard but fractured, locally includes gray claystone*

fg *Greenstone (metabasalt), greenish black, weathered dark brown, massive, amorphous, contains calcite veinlets locally, includes lenses of light gray limestone (**fl**), mostly massive, fine grained*

Reference: Geologic map of the Mt. Madonna 7.5-minute quadrangle (Dibblee, T.W. and Minch, J.A., 2005)

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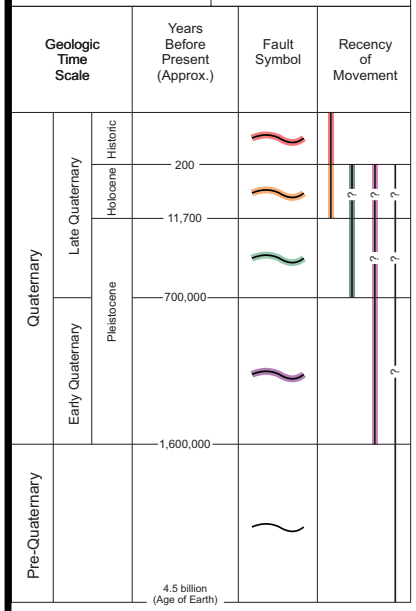
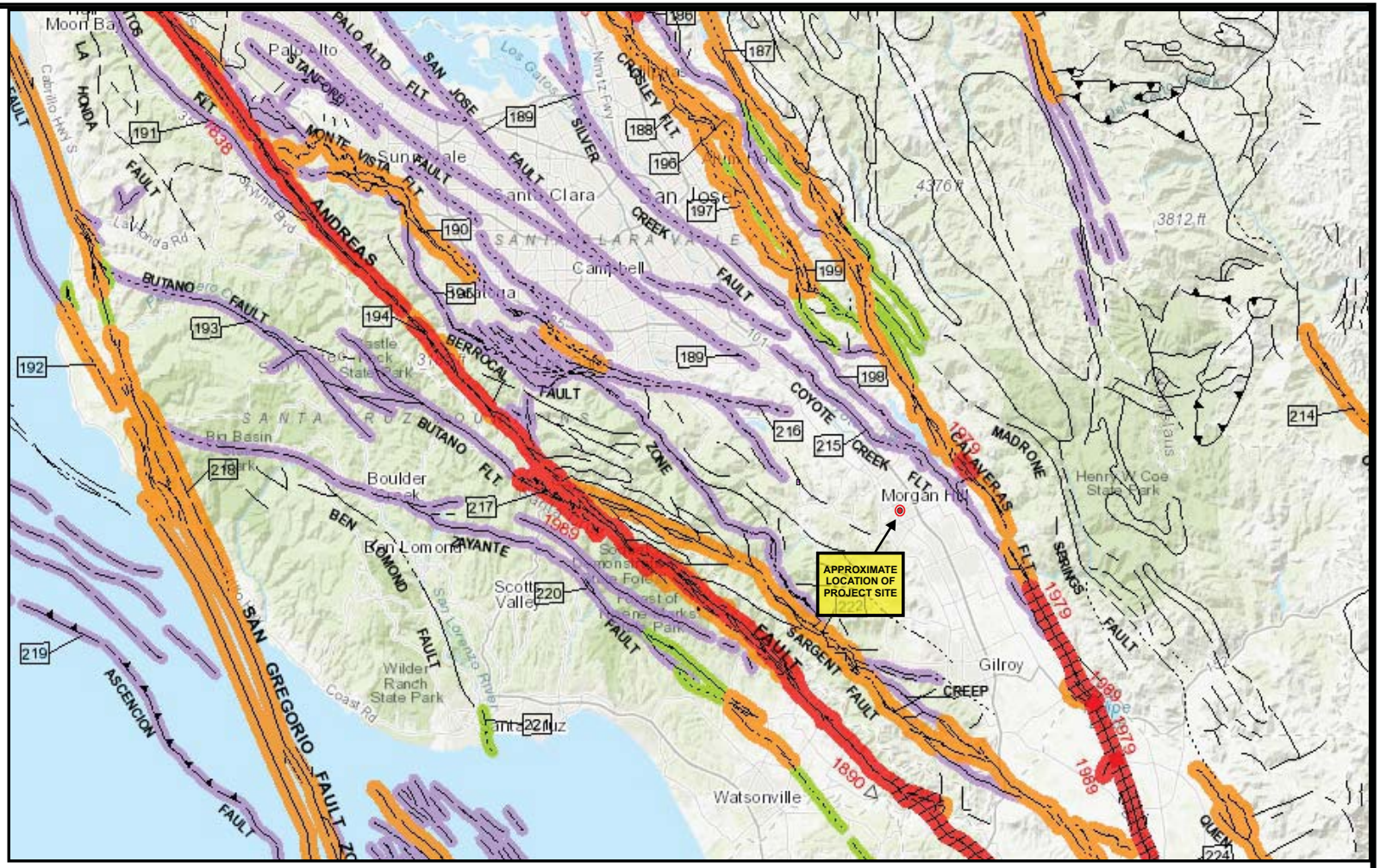
Regional Geologic Map

New Morgan Hill Senior Housing Development
Monterey Road & San Pedro Avenue
Morgan Hill, California 95037

91-04677-A	September 2019	Plate 3

DESCRIPTION	
ON LAND	OFFSHORE
Displacement during historic time (e.g. San Andreas fault 1906). Includes areas of known fault creep.	
Displacement during Holocene time.	Fault offsets seafloor sediments or strata of Holocene age.
Faults showing evidence of displacement during late Quaternary time.	Faults cuts strata of Late Pleistocene age.
Undivided Quaternary faults - most faults in this category show evidence of displacement during the last 1,600,000 years; possible exceptions are faults which displace rocks of undifferentiated Plio-Pleistocene age.	Fault cuts strata of Quaternary age.
Faults without recognized Quaternary displacement or showing evidence of no displacement during Quaternary time. Not necessarily inactive.	Fault cuts strata of Pliocene or older age.





N

7 mi 14 mi
Scale

Base Map Reference: California Geological Survey - 2010 Fault Activity Map of California

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Regional Fault Map

New Morgan Hill Senior Housing Development
Monterey Road & San Pedro Avenue
Morgan Hill, California 95037

91-04677-A	September 2019	Plate 4

APPENDIX A

FIELD EXPLORATION
Key to Exploratory Boring Logs
Boring Logs
CPT Data and Results

UNIFIED SOIL CLASSIFICATION (ASTM D-2487)						
Material Types	**Criteria for Assigning Soil Group Names**			**Group Symbol**	**Soil Group Names**	**Legend**
Coarse Grained Soils	Gravels	Clean Gravels	Cu≥4 and 1≤Cc≤3	GW	Well-Graded Gravel	
	>50% of	<5% Fines	Cu<4 and/or [Cc<1 or Cc>3]	GP	Poorly-Graded Gravel	
	Coarse Fraction	Gravels with Fines	Fines Classify as ML or MH	GM	Silty Gravel	
>50%	Passes on No. 4 Sieve	>12% Fines	Fines Classify as CL or CH	GC	Clayey Gravel	
Retained on	Sands	Clean Sands	Cu≥6 and 1≤Cc≤3	SW	Well-Graded Sand	
No. 200 Sieve	≥50% of	<5% Fines	Cu<6 and/or [Cc<1 or Cc>3]	SP	Poorly-Graded Sand	
	Coarse Fraction	Sands and Fines	Fines Classify as ML or MH	SM	Silty Sand	
	Passes on No. 4 Sieve	>12% Fines	Fines Classify as CL or CH	SC	Clayey Sand	
Fine Grained Soils	Silts and Clays	Inorganic	PI>7 and Plots≥"A" Line	CL	Lean Clay	
			PI<4 and Plots<"A" Line	ML	Silt	
	Liquid Limits<50	Organic	LL (Oven Dried)/LL(Not Dried <0.75)	OL	Organic Silt	
≥50% Passes	Silts and Clays	Inorganic	PI Plots≥"A" Line	CH	Fat Clay	
No. 200 Sieve			PI Plots<"A" Line	MH	Elastic Silt	
	Liquid Limits≥50	Organic	LL (Oven Dried)/LL(Not Dried <0.75)	OH	Organic Clay	
Highly Organic Soils		Primarily Organic Matter, Dark in Color and Organic Odor		PT	Peat	

PENETRATION RESISTANCE (RECORDED AS BLOWS/0.5 FEET)				
SAND AND GRAVEL		SILT AND CLAY		
RELATIVE DENSITY	N-VALUE (BLOWS/FOOT)*	CONSISTENCY	N-VALUE (BLOWS/FOOT)*	COMPRESSIVE STRENGTH
Very Loose	0 - 3	Very Soft	0 - 1	0 - 0.25
Loose	4 - 10	Soft	2 - 4	0.25 - 0.50
Medium Dense	11 - 29	Medium Stiff	5 - 7	0.50 - 1.0
Dense	30 - 49	Stiff	8 - 14	1.0 - 2.0
Very Dense	50 +	Very Stiff	15 - 29	2.0 - 4.0
		Hard	30 +	Over 4.0

SOIL MOISTURE	
DESCRIPTOR	**DESCRIPTION**
Dry	Dry of Standard Proctor Optimum
Damp	Sand Dry
Moist	Near Standard Proctor Optimum
Wet	Wet of Satandard Proctor Optimum
Saturated	Free Water in Sample

Grab Bulk Sample

Standard Penetration Test

2.5 Inch Modified California

Shelby Tube

No Recovery

Initial Water Level Reading

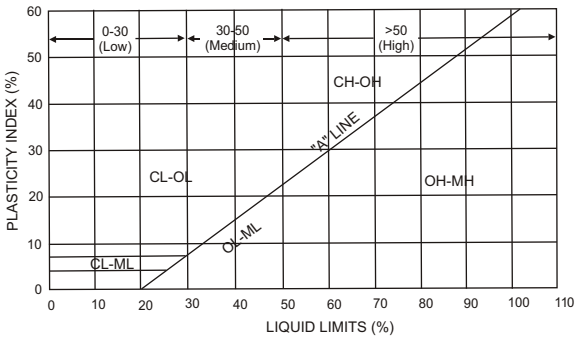
Final Water Level Reading

Blow Count
The number of blows of the sampling hammer required to drive the sampler through each of three 6-inch increments. Less than three increments may be reported if more than 50 blows are counted for any increment. The notation 50/5" indicates 50 blows recorded for 5 inches of penetration.

N-Value
Number of blows 140 LB hammer falling 30 inches to drive a 2 inch outside diameter (1-3/8 inch I.D) split barrel sampler the last 12 inches of an 18 inch drive (ASTM-1586 Standard Penetration Test)

PARTICLES SIZES		
COMPONENTS		**SIZE OR SIEVE NUMBER**
Boulders		Over 12 Inches
Cobbles		3 to 12 Inches
Gravels	-Coarse	3/4 to 3 Inches
	-Fine	Number 4 to 3/4 Inch
Sand	-Coarse	Number 10 to Number 4
	-Medium	Number 40 to Number 10
	-Fine	Number 200 to Number 40
Fines (Silt and Clay)		Below Number 200

PLASTICITY CHART



CU -Consolidated Undrained triaxial test completed. Refer to laboratory results
DS - Results of Direct Shear test in terms of total cohesion (C, KSF) or effective cohesion and friction angles (C', KSF and degrees)
LL - Liquid Limit
PI - Plasticity Index
PP - Pocket Penetrometer test
TV - Torvane Shear Test results in terms of undrained shear strength (KSF)
UC - Unconfined Compression test results in terms of undrained shear strength (KSF)
#200 - Percent passing number 200 sieve
Cu - Coefficient of Uniformity
Cc - Coefficient of Concavity

General Notes

1. The boring locations were determined by pacing, sighting and/or measuring from site features. Locations are approximate. Elevations of borings (if included) were determined by interpolation between plan contours or from another source that will be identified in the report or on the project site plan. The location and elevation of borings should be considered accurate only to the degree implied by the method used.

2. The stratification lines represent the approximate boundary between soil types. The transition may be gradual.

3. Water level readings in the drill holes were recorded at time and under conditions stated on the boring logs. This data has been reviewed and interpretations have been made in the text of this report. However, it must be noted that fluctuations in the level of the groundwater may occur due to variations in rainfall, tides, temperature and other factors at the time measurements were made.

4. The boring logs and attached data should only be used in accordance with the report.

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KEY TO EXPLORATORY BORING LOGS

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2001 Crow Canyon Road
San Ramon
Telephone: 9253147173

BORING NUMBER B-1

CLIENT Sunnyvale Life, Inc.
PROJECT NAME New Morgan Hill Senior Housing Development
PROJECT NUMBER 91-04677-A
PROJECT LOCATION Monterey Rd & San Pedro Ave Morgan Hill, CA
DATE STARTED 9/3/19 **COMPLETED** 9/3/19
GROUND ELEVATION 337 ft **HOLE SIZE** 6'
DRILLING CONTRACTOR Central Coast Drilling
GROUND WATER LEVELS:
DRILLING METHOD Mobile B-53 SFA
AT TIME OF DRILLING --- No groundwater encountered.
LOGGED BY MZ **CHECKED BY** MZ
AT END OF DRILLING ---
NOTES Elevations based on Google Earth.
AFTER DRILLING ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	ADJUSTED SPT BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES CONTENT (%)
0		**TOPSOIL:** Approximately 6".										
		(SC-SM) **SILTY, CLAYEY SAND:** Dense, dark brown, moist, with some gravel.	SPT 1-1		10-12-14 (26)							
5		(SC) **CLAYEY SAND:** Very dense, brown, moist, with some gravel.	SPT 1-2		18-28-46 (74)							
		(CL) **SANDY LEAN CLAY :** Hard, brown, moist, with trace gravel.	SPT 1-3		15-28-26 (54)	>4.5						
10		With increased sand content.	SPT 1-4		12-26-17 (43)							
15		With increased gravel content.	SPT 1-5		7-30-25 (55)	>4.5						
20			SPT 1-6		10-19-20 (39)	>4.5						

Bottom of borehole at 20.0 feet.

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BORING NUMBER B-2

CLIENT Sunnyvale Life, Inc.
PROJECT NAME New Morgan Hill Senior Housing Development
PROJECT NUMBER 91-04677-A
PROJECT LOCATION Monterey Rd & San Pedro Ave Morgan Hill, CA
DATE STARTED 9/3/19 **COMPLETED** 9/3/19
GROUND ELEVATION 338 ft **HOLE SIZE** 6'
DRILLING CONTRACTOR Central Coast Drilling
GROUND WATER LEVELS:
DRILLING METHOD Mobile B-53 SFA
AT TIME OF DRILLING --- No groundwater encountered.
LOGGED BY MZ **CHECKED BY** MZ
AT END OF DRILLING ---
NOTES Elevations based on Google Earth.
AFTER DRILLING ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	ADJUSTED SPT BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES CONTENT (%)
0		**TOPSOIL:** Approximately 4".										
		(SC-SM) **SILTY, CLAYEY SAND:** Dense, dark brown, moist, with some gravel.	SPT 2-1		11-13-12 (25)							
5		(SC) **CLAYEY SAND:** Very dense, brown, moist, with gravel.	SPT 2-2		12-33-35 (68)							
		(CL) **SANDY LEAN CLAY:** Hard, brown, moist, with gravel.	SPT 2-3		12-13-21 (34)	>4.5						
10		Becomes very stiff.	SPT 2-4		7-10-15 (25)	>4.5						
15		Becomes hard.	SPT 2-5		10-28-22 (50)	>4.5						
20		Becomes very stiff.	SPT 2-6		7-12-12 (24)	>4.5						

Bottom of borehole at 20.0 feet.

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Telephone: 9253147173

BORING NUMBER B-3

CLIENT Sunnyvale Life, Inc.
PROJECT NAME New Morgan Hill Senior Housing Development
PROJECT NUMBER 91-04677-A
PROJECT LOCATION Monterey Rd & San Pedro Ave Morgan Hill, CA
DATE STARTED 9/3/19 **COMPLETED** 9/3/19
GROUND ELEVATION 337 ft **HOLE SIZE** 6'
DRILLING CONTRACTOR Central Coast Drilling
GROUND WATER LEVELS:
DRILLING METHOD Mobile B-53 SFA
AT TIME OF DRILLING --- No groundwater encountered.
LOGGED BY MZ **CHECKED BY** MZ
AT END OF DRILLING ---
NOTES Elevations based on Google Earth.
AFTER DRILLING ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	ADJUSTED SPT BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES CONTENT (%)
0		**TOPSOIL:** Approximately 2".										
		(SC-SM) **SILTY, CLAYEY SAND:** Medium dense, dark brown, moist, with some gravel.	SPT 3-1		12-8-10 (18)							
		(SC) **CLAYEY SAND:** Dense, brown, moist, with gravel.	SPT 3-2		7-12-19 (31)							
5												
		(CL) **SANDY LEAN CLAY:** Very stiff, brown, moist, with trace gravel.	SPT 3-3		7-7-9 (16)							
			SPT 3-4		7-12-18 (30)	>4.5						
10												
			SPT 3-5		8-12-12 (24)	>4.5						
15												
		Becomes very hard.	SPT 3-6		12-20-18 (38)	>4.5						
20												

Bottom of borehole at 20.0 feet.

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BORING NUMBER B-4

CLIENT Sunnyvale Life, Inc.
PROJECT NAME New Morgan Hill Senior Housing Development
PROJECT NUMBER 91-04677-A
PROJECT LOCATION Monterey Rd & San Pedro Ave Morgan Hill, CA
DATE STARTED 9/3/19 **COMPLETED** 9/3/19
GROUND ELEVATION 337 ft **HOLE SIZE** 6'
DRILLING CONTRACTOR Central Coast Drilling
GROUND WATER LEVELS:
DRILLING METHOD Mobile B-53 SFA
∇ **AT TIME OF DRILLING** 28.50 ft / Elev 308.50 ft
LOGGED BY MZ **CHECKED BY** MZ
AT END OF DRILLING ---
NOTES Elevations based on Google Earth.
AFTER DRILLING ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	ADJUSTED SPT BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES CONTENT (%)
0		(SM) **SILTY SAND WITH GRAVEL:** Medium dense, dark brown, moist.										
			MC 4-1		9-9-7 (16)		130	5				
		(SC-SM) **SILTY, CLAYEY SAND:** Loose, brown, moist.	MC 4-2		3-3-6 (9)		105	15	26	19	7	44
5												
		(CL) **SANDY LEAN CLAY:** Very stiff, brown, moist, with gravel.	MC 4-3		5-12-16 (28)	4.0	121	16				
			MC 4-4		5-8-10 (18)	3.0	99	23				
10												
		Becomes hard and reddish brown.	SPT 4-5		14-17-20 (37)	>4.5						
15												
		Becomes very stiff.	SPT 4-6		10-12-15 (27)	4.0						
20												
		Becomes hard.	SPT 4-7		15-18-27 (45)	>4.5						
25												

(Continued Next Page)

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BORING NUMBER B-4

CLIENT Sunnyvale Life, Inc. **PROJECT NAME** New Morgan Hill Senior Housing Development

PROJECT NUMBER 91-04677-A **PROJECT LOCATION** Monterey Rd & San Pedro Ave Morgan Hill, CA

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	ADJUSTED SPT BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES CONTENT (%)
25		(CL) **SANDY LEAN CLAY:** Very stiff, brown, moist, with gravel. *(continued)*										
		Becomes very gravelly and wet.	SPT 4-8		12-17-13 (30)							
30												
		Becomes dry.	SPT 4-9		15-22-37 (59)							
35												
		(CL) **LEAN CLAY:** Very stiff, brown, moist.	SPT 4-10		7-7-10 (17)							
40												

Bottom of borehole at 40.0 feet.

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Telephone: 9253147173

BORING NUMBER B-5

CLIENT Sunnyvale Life, Inc.
PROJECT NAME New Morgan Hill Senior Housing Development
PROJECT NUMBER 91-04677-A
PROJECT LOCATION Monterey Rd & San Pedro Ave Morgan Hill, CA
DATE STARTED 9/3/19 **COMPLETED** 9/3/19
GROUND ELEVATION 336 ft **HOLE SIZE** 6'
DRILLING CONTRACTOR Central Coast Drilling
GROUND WATER LEVELS:
DRILLING METHOD Mobile B-53 SFA
AT TIME OF DRILLING --- No groundwater encouintered.
LOGGED BY MZ **CHECKED BY** MZ
AT END OF DRILLING ---
NOTES Elevations based on Google Earth.
AFTER DRILLING ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	ADJUSTED SPT BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES CONTENT (%)
0		(SC-SM) **SILTY, CLAYEY SAND:** Medium dense, dark brown, moist, with some gravel.	MC 5-1		10-8-8 (16)		109	16	23	19	4	48
5		(SC) **CLAYEY SAND:** Medium dense, brown, moist, with gravel.	MC 5-2		4-8-20 (28)		122	10				
		(CL) **SANDY LEAN CLAY:** Very stiff, brown, moist, with trace gravel.	MC 5-3		4-11-14 (25)	>4.5	107	20				
10			MC 5-4		8-12-13 (25)	>4.5	118	15				
15		Becomes hard.	SPT 5-5		12-18-21 (39)	>4.5						
20		With increased gravel content.	SPT 5-6		17-28-17 (45)	>4.5						

Bottom of borehole at 20.0 feet.

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Telephone: 9253147173

BORING NUMBER B-6

CLIENT Sunnyvale Life, Inc.
PROJECT NAME New Morgan Hill Senior Housing Development
PROJECT NUMBER 91-04677-A
PROJECT LOCATION Monterey Rd & San Pedro Ave Morgan Hill, CA
DATE STARTED 9/3/19 **COMPLETED** 9/3/19
GROUND ELEVATION 337 ft **HOLE SIZE** 6'
DRILLING CONTRACTOR Central Coast Drilling
GROUND WATER LEVELS:
DRILLING METHOD Mobile B-53 SFA
AT TIME OF DRILLING --- No groundwater encountered.
LOGGED BY MZ **CHECKED BY** MZ
AT END OF DRILLING ---
NOTES Elevations based on Google Earth.
AFTER DRILLING ---

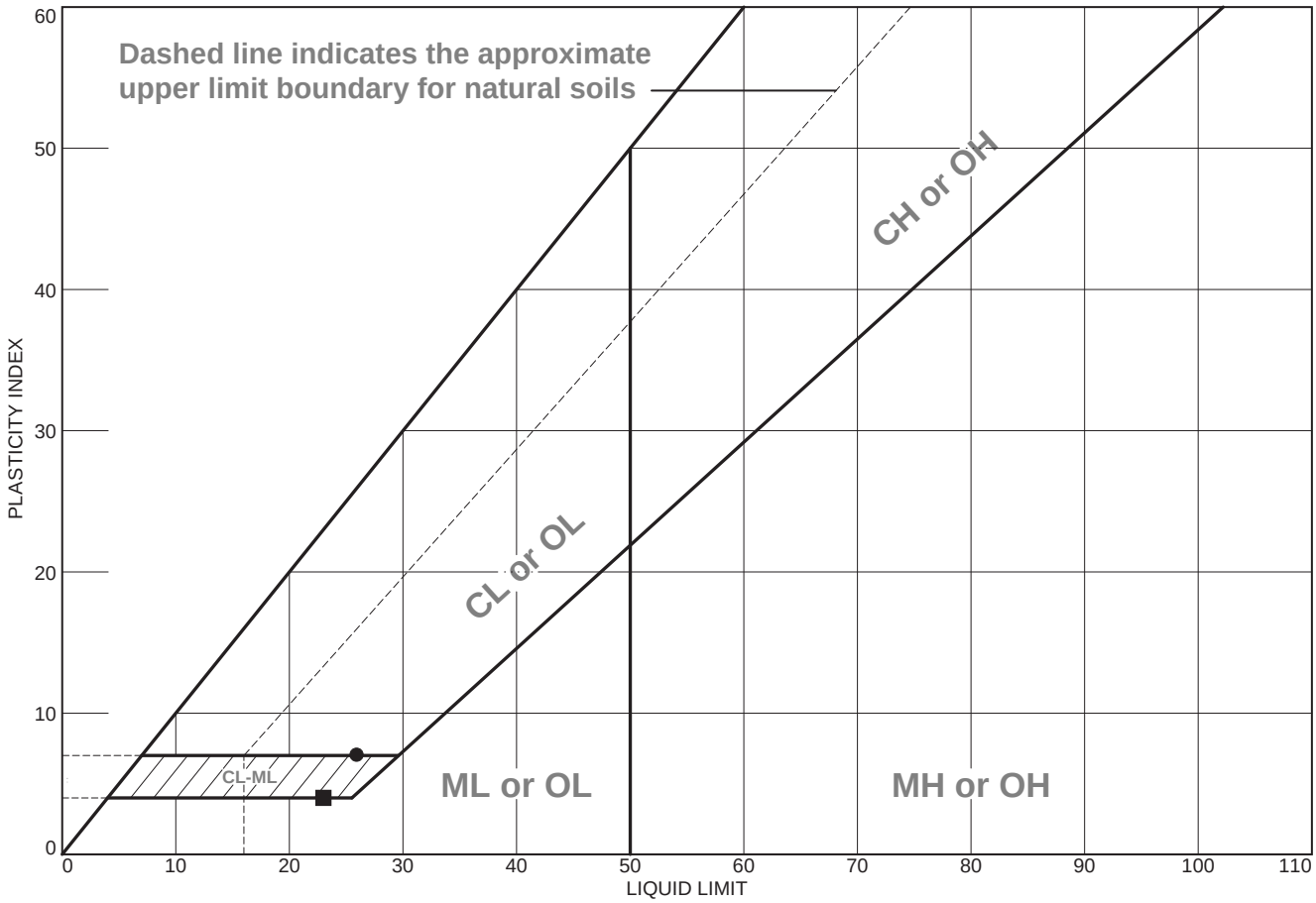
DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	ADJUSTED SPT BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES CONTENT (%)
0		(SC-SM) **SILTY, CLAYEY SAND:** Dense, dark brown, moist, with some gravel.	MC 6-1		33		124	6				
5		(SC) **CLAYEY SAND:** Medium dense, brown, moist, with gravel.	MC 6-2		5-8-19 (27)		126	13				
		(CL) **SANDY LEAN CLAY:** Very stiff, brown, moist, with trace gravel.	MC 6-3		8-13-13 (26)	3.5	116	17				55
10			MC 6-4		8-10-20 (30)	4.5	122	15				
15		With increased sand content.	SPT 6-5		7-11-15 (26)							
20		Becomes Hard.	SPT 6-6		10-15-17 (32)							

Bottom of borehole at 20.0 feet.

APPENDIX B

LABORATORY TEST RESULTS
Liquid and Plastic Limits Test Report
Particle Size Distribution Report
R-Value Test Report
Corrosivity Tests Summary

LIQUID AND PLASTIC LIMITS TEST REPORT



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Yellowish brown silty, clayey SAND	26	19	7	70.9	43.9	SC-SM
■	Dark brown silty, clayey SAND	23	19	4	70.9	48.4	SC-SM

Project No. 91-04677-A **Client:** Geosphere Consultants, Inc.

Project: Morgan Hill Senior Development

●**Source of Sample:** B-4 **Depth:** 3.5' **Sample Number:** 4-2

■**Source of Sample:** B-5 **Depth:** 1.5' **Sample Number:** 5-1

Remarks:

B. HILLEBRANDT SOILS TESTING, INC.
+1 510-409-2816
SoilTesting@aol.com

Figure

Tested By: BH

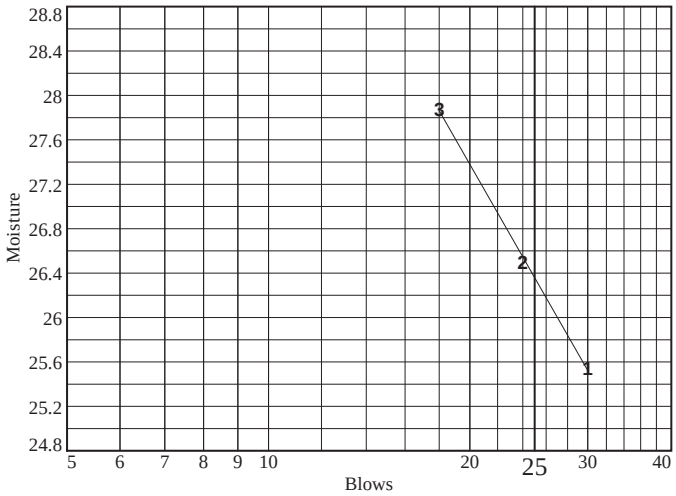
LIQUID AND PLASTIC LIMIT TEST DATA

9/26/2019

Client: Geosphere Consultants, Inc.
Project: Morgan Hill Senior Development
Project Number: 91-04677-A
Location: B-4
Depth: 3.5' **Sample Number:** 4-2
Material Description: Yellowish brown silty, clayey SAND
%<#40: 70.9 **%<#200:** 43.9 **USCS:** SC-SM **AASHTO:** A-4(0)
Tested by: BH

Liquid Limit Data

Run No.	1	2	3	4	5	6
Wet+Tare	28.51	30.69	31.16			
Dry+Tare	25.01	26.63	26.83			
Tare	11.31	11.31	11.30			
# Blows	30	24	18			
Moisture	25.5	26.5	27.9			



Liquid Limit= 26
Plastic Limit= 19
Plasticity Index= 7
Natural Moisture= 14,9
Liquidity Index= 18.6

Plastic Limit Data

Run No.	1	2	3	4	
Wet+Tare	21.04	19.33			
Dry+Tare	19.51	18.00			
Tare	11.23	11.04			
Moisture	18.5	19.1			

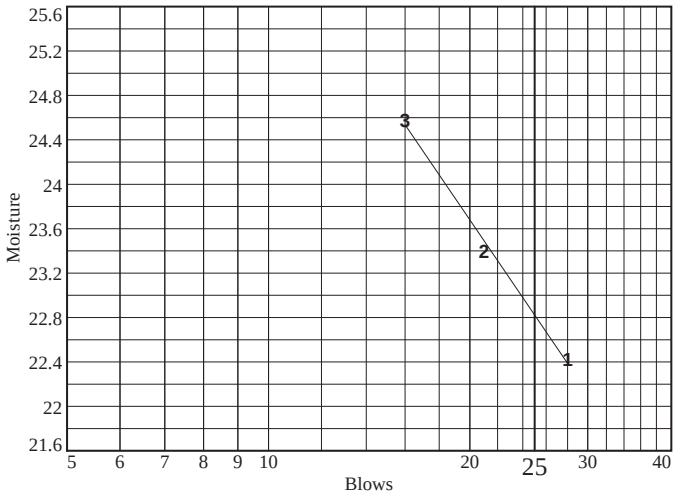
LIQUID AND PLASTIC LIMIT TEST DATA

9/26/2019

Client: Geosphere Consultants, Inc.
Project: Morgan Hill Senior Development
Project Number: 91-04677-A
Location: B-5
Depth: 1.5' **Sample Number:** 5-1
Material Description: Dark brown silty, clayey SAND
%<#40: 70.9 **%<#200:** 48.4 **USCS:** SC-SM **AASHTO:** A-4(0)
Tested by: BH

Liquid Limit Data

Run No.	1	2	3	4	5	6
Wet+Tare	30.30	26.93	31.37			
Dry+Tare	26.81	23.96	27.41			
Tare	11.25	11.27	11.30			
# Blows	28	21	16			
Moisture	22.4	23.4	24.6			

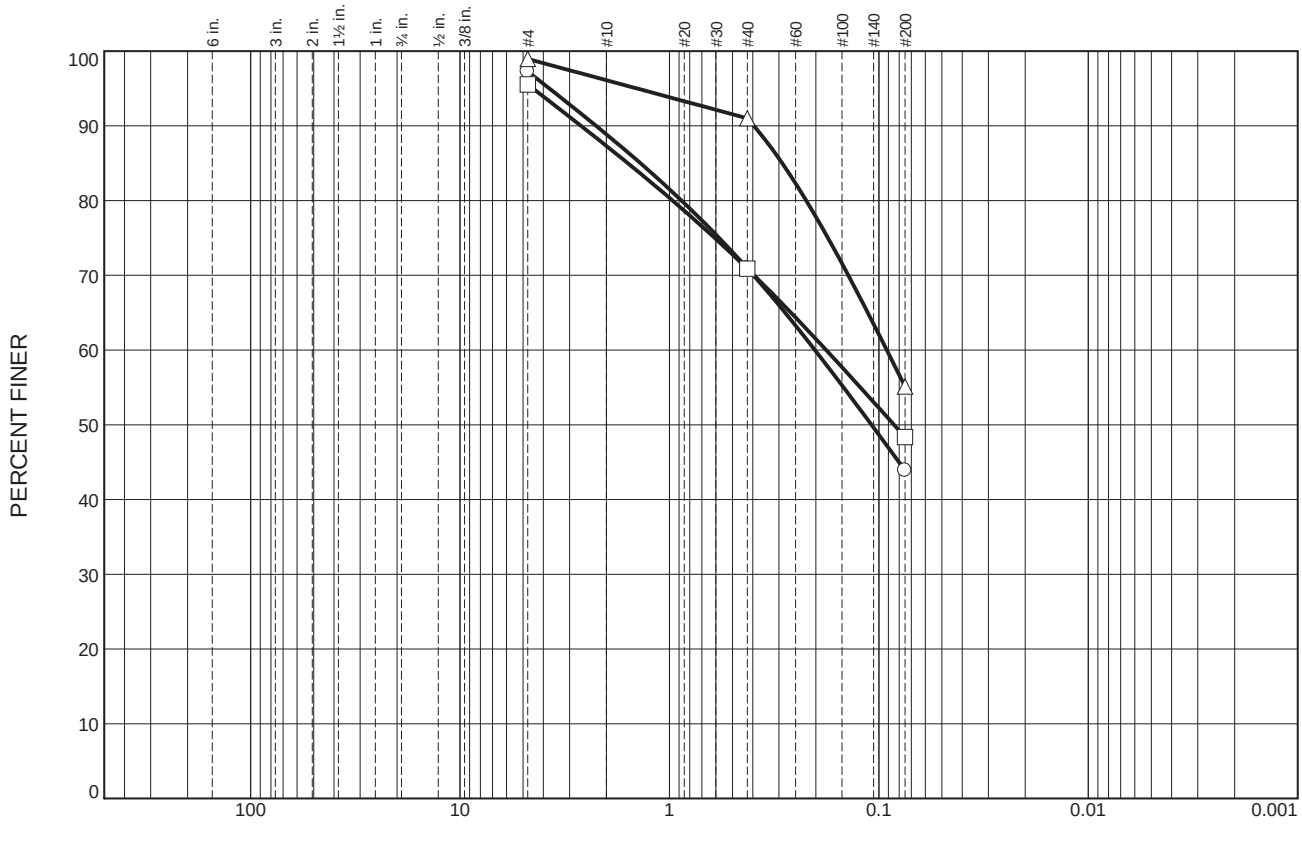


Liquid Limit= 23
Plastic Limit= 19
Plasticity Index= 4
Natural Moisture= 16.3
Liquidity Index= -0.7

Plastic Limit Data

Run No.	1	2	3	4	
Wet+Tare	20.45	19.27			
Dry+Tare	18.95	17.97			
Tare	11.32	11.06			
Moisture	19.7	18.8			

Particle Size Distribution Report



	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○				8.4	18.0	27.0	43.9	
□				8.2	16.4	22.5	48.4	
△				2.8	5.1	35.9	55.1	

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	B-4	4-2	3.5'	Yellowish brown silty, clayey SAND	SC-SM
□	B-5	5-1	1.5'	Dark brown silty, clayey SAND	SC-SM
△	B-6	6-3	6.0'	Yellowish brown sandy CLAY	CL

B. HILLEBRANDT SOILS TESTING, INC.
+1 510-409-2816
SoilTesting@aol.com

Client: Geosphere Consultants, Inc.
Project: Morgan Hill Senior Development
Project No.: 91-04677-A **Figure**

Tested By: BH

GRAIN SIZE DISTRIBUTION TEST DATA

9/26/2019

Client: Geosphere Consultants, Inc.
Project: Morgan Hill Senior Development
Project Number: 91-04677-A
Location: B-4
Depth: 3.5' **Sample Number:** 4-2
Material Description: Yellowish brown silty, clayey SAND
USCS: SC-SM
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
203.20	32.60	0.00	#4	4.66	97.3
			#40	49.57	70.9
			#200	95.70	43.9

Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
				8.4	18.0	27.0	53.4			43.9

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
						0.1085	0.2020	0.8756	1.3760	2.2410	3.7463

Fineness Modulus
1.32

GRAIN SIZE DISTRIBUTION TEST DATA

9/26/2019

Client: Geosphere Consultants, Inc.
Project: Morgan Hill Senior Development
Project Number: 91-04677-A
Location: B-5
Depth: 1.5' **Sample Number:** 5-1
Material Description: Dark brown silty, clayey SAND
USCS: SC-SM
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
211.50	37.60	0.00	#4	7.76	95.5
			#40	50.63	70.9
			#200	89.80	48.4

Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
				8.2	16.4	22.5	47.1			48.4

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
						0.0846	0.1785	0.9663	1.5801	2.6442	4.4861

Fineness Modulus
1.34

GRAIN SIZE DISTRIBUTION TEST DATA

9/26/2019

Client: Geosphere Consultants, Inc.
Project: Morgan Hill Senior Development
Project Number: 91-04677-A
Location: B-6
Depth: 6.0' **Sample Number:** 6-3
Material Description: Yellowish brown sandy CLAY
USCS: CL
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
187.80	33.60	0.00	#4	1.62	98.9
			#40	13.86	91.0
			#200	69.20	55.1

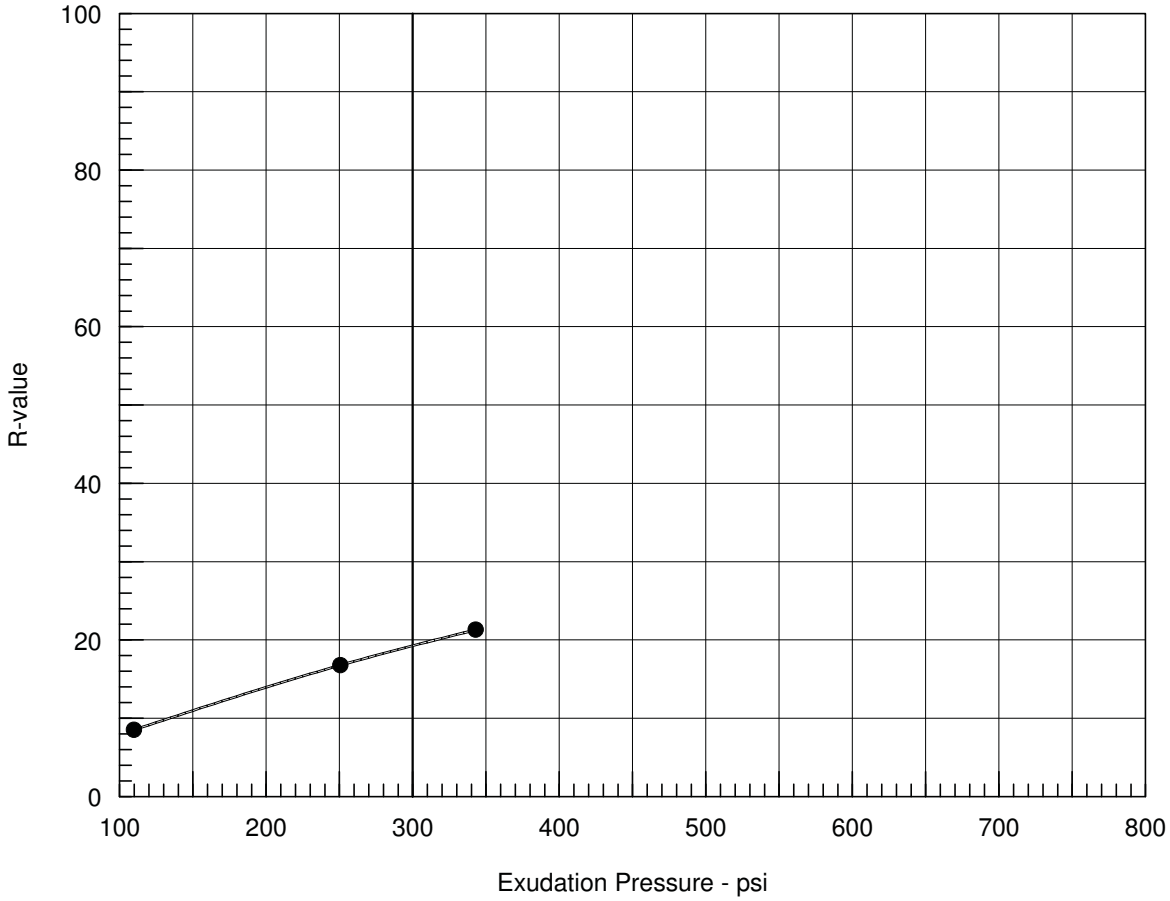
Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
				2.8	5.1	35.9	43.8			55.1

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
							0.0917	0.2222	0.2895	0.3951	1.4293

Fineness Modulus
0.61

R-VALUE TEST REPORT



Resistance R-Value and Expansion Pressure - ASTM D2844

No.	Compact. Pressure psi	Density pcf	Moist. %	Expansion Pressure psi	Horizontal Press. psi @ 160 psi	Sample Height in.	Exud. Pressure psi	R Value	R Value Corr.
1	70	104.0	19.4	0.00	142	2.65	110	8	9
2	140	105.9	18.1	0.00	124	2.50	251	17	17
3	160	110.3	17.0	0.00	115	2.40	343	23	21

Test Results	Material Description
R-value at 300 psi exudation pressure = 19	Brown Clayey Sand with Gravel

Project No.: 9104677A
Project: Morgan Hill Developement (GES)
Location: Boring 4: 0'-5'
Sample Number: 10S190925-1
Date: 9/25/2019

Tested by: MT
Checked by: KC
Remarks:

R-VALUE TEST REPORT

CONSOLIDATED ENGINEERING LABORATORIES

Figure 10S190925-1

Corrosivity Tests Summary

CTL # 724-208 **Date:** 9/17/2019 **Tested By:** PJ **Checked:** PJ
Client: Geosphere **Project:** Morgan Hill **Proj. No:** 91-04677-A
Remarks:

Sample Location or ID			Resistivity @ 15.5 °C (Ohm-cm)			Chloride	Sulfate		pH	ORP (Redox)		Sulfide	Moisture	
			As Rec.	Min	Sat.	mg/kg	mg/kg	%				Qualitative	At Test	Soil Visual Description
						Dry Wt.	Dry Wt.	Dry Wt.		E_H (mv)	At Test	by Lead	%	
Boring	Sample, No.	Depth, ft.	ASTM G57	Cal 643	ASTM G57	ASTM D4327	ASTM D4327	ASTM D4327	ASTM G51	ASTM G200	Temp °C	Acetate Paper	ASTM D2216	
B-3	3.1	0-5	-	-	7,893	<2	57	0.0057	7.4	476	23	Negative	10.8	Dark Reddish Brown Sandy CLAY

Appendix E

Phase I Environmental Site Assessment

AEI Consultants

August 20, 2019
Revised September 23, 2019

PHASE I ENVIRONMENTAL SITE ASSESSMENT

DRAFT

Property Information:
16685 Church Street
Morgan Hill, Santa Clara County, California 95037

Project Information:
AEI Project No. 409000
Site Assessment Date: August 8, 2019

Prepared For:
Sunnyvale Life, Inc.
450 Old San Francisco Road
Sunnyvale, California 94086

Prepared By:
AEI Consultants
2500 Camino Diablo Suite 200
Walnut Creek, California 94597

Environmental Due Diligence

Building Assessments

Site Investigation & Remediation

Energy Performance & Benchmarking

Industrial Hygiene

Construction Risk Management

Zoning Analysis Reports & ALTA Surveys

National Presence
Regional Focus
Local Solutions

AEI Consultants

August 20, 2019

Ms. Barbara M. Hubbard
Sunnyvale Life, Inc.
450 Old San Francisco Road
Sunnyvale, California 94086

Subject: **Phase I Environmental Site Assessment**
16685 Church Street
Morgan Hill, California 95037
AEI Project No. 409000

Dear Ms. Barbara M. Hubbard:

AEI Consultants is pleased to provide the *Phase I Environmental Site Assessment* of the above referenced property. This assessment was authorized and performed in accordance with the scope of services engaged.

We appreciate the opportunity to provide services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (925) 746-6026 or cmonheit@aeiconsultants.com.

Sincerely,

CMonheit

Courtney Monheit
Vice President, Business Development
AEI Consultants

DRAFT

PROJECT SUMMARY

16685 Church Street, Morgan Hill, Santa Clara County, California 95037
AEI Project No. 409000

Report Section		REC	CREC	HREC	OEC	Recommended Action
1.0	Introduction					None
2.0	Site and Vicinity Description					None
3.0	Historical Review of Site and Vicinity				✔	Submit Phase I ESA to Morgan Hill Planning Department for review and comment regarding historic agricultural operations prior to redevelopment activities
4.0	Regulatory Agency Records Review					None
5.0	Regulatory Database Records Review					None
6.0	Interviews and User Provided Information					None
7.0	Site Reconnaissance					None
8.1	Asbestos-Containing Building Materials				✔	NESHAP-compliant pre-demolition asbestos survey
8.2	Lead-Based Paint				✔	Consult with a certified Lead Risk Assessor to determine options for control of possible LBP hazards prior to demolition activities
8.3	Radon					None
8.4	Mold					None

DRAFT

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EXECUTIVE SUMMARY

AEI Consultants (AEI) was retained by Sunnyvale Life, Inc. to conduct a Phase I ESA in conformance with AEI's contract and the scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at 16685 Church Street, Morgan Hill, Santa Clara County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Sections 1.4, 1.5, and 1.6 of this report.

Pertinent subject property information is noted below:

PROPERTY INFORMATION	
Site Address(es)	16685 Church Street, Morgan Hill, Santa Clara County, California 95037
Property ID (APN or Block/Lot)	817-02-001, 817-02-025
Location	Southeast of San Pedro Avenue, between Church Street and Monterey Road
Property Type	Commercial, residential and undeveloped
SITE AND BUILDING INFORMATION	
Approximate Site Acreage/Source	1.89/Assessor
Number of Buildings	Two
Building Construction Date(s)	Circa 1917 (residence) and 1982 (commercial building)
Building Square Footage (SF)/Source	2,342/Assessor
Number of Floors/Stories	One
Basement or Subgrade Area(s)	None identified for the commercial building, unknown for the residence
Number of Units	Two
Additional Improvements	Asphalt-paved parking areas and associated landscaping, undeveloped land
On-site Occupant(s)	Agape Day Spa, residential tenants
Current On-site Operations/Use	Spa salon and residential activities
Current Use of Hazardous Substances	None identified
REGULATORY INFORMATION	
Regulatory Database Listing(s)	None identified

A chronological summary of historical subject property information is as follows:

Date Range	Subject Property Description and Use (Historical Addresses)	Source(s)
Prior to 1917	Unknown use/Data failure; refer to Section 1.6.1	Aerial photographs, agency records
1917-1947	Developed with present day residence in circa 1917 Agricultural land (orchards) from circa 1939-1940, not depicted as orchard land in topographic maps dating from 1917-1947	Aerial photographs, topographic maps, assessor records
1948-1980	The current residence and fallow land	Aerial photographs, topographic maps

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Date Range	Subject Property Description and Use (Historical Addresses)	Source(s)
Circa 1982-Present	The current commercial building and residence and undeveloped land	Aerial photographs, topographic maps, site observation

The immediately surrounding properties consist of the following:

Direction	Tenant/Use (Address)	Regulatory Database Listing(s)
Northeast	Church Street followed by: A parking lot (no listed address) Airtronics Metal Products (140 San Pedro Avenue) Monterey Auto (16670 Church Street)	CUPA LISTINGS (2), CERS, CERS HAZ WASTE,. EDR HIST AUTO, HAZNET (16670 Church Street) CERS (2), CERS HAZ WASTE, RCRA NONGEN / NLR, LUST, HAZNET, HIST CORTESE, NPDES, CUPA LISTINGS, HIST LUST, CIWQS (140 San Pedro Avenue)
Southeast	United States Postal Service (16600 Monterey Road)	UST
Southwest	Monterey Road followed by: Undeveloped land (16595 Monterey Road) Jesus Mexican Restaurant, Paul's Liquor & Market(16715 Monterey Road)	None identified
Northwest	San Pedro Avenue followed by: World Oil gas station (16720 Monterey Road) Residences (16701 Rohan Lane, 85, 95 San Pedro Avenue)	FINDS, LUST (2), HIST UST (2), RCRA-SQG, SWEEPS UST, CA FID UST, HIST CORTESE, CUPA LISTINGS, ECHO, CERS, UST, CERS, CERS TANKS, CERS HAZ WASTE, WDS, CIWQS, HIST LUST (16720 Monterey Road)

If the surrounding properties are listed in the regulatory database, please refer to Section 5.1 for discussion.

FINDINGS

Recognized Environmental Condition (REC) is defined by the ASTM Standard Practice E1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

- AEI did not identify evidence of RECs during the course of this assessment.

Controlled Recognized Environmental Condition (CREC) is defined by the ASTM Standard Practice E1527-13 as a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

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- AEI did not identify evidence of CRECs during the course of this assessment.

Historical Recognized Environmental Condition (HREC) is defined by the ASTM Standard Practice E1527-13 as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

- AEI did not identify evidence of HRECs during the course of this assessment.

Other Environmental Considerations (OEC) warrant discussion, but do not qualify as RECs as defined by the ASTM Standard Practice E1527-13. These include, but are not limited to, de minimis conditions and/or environmental considerations such as the presence of ACMs, LBP, radon, mold, and lead in drinking water, which can affect the liabilities and financial obligations of the client, the health and safety of site occupants, and the value and marketability of the subject property.

- *Historic Agricultural Use* - Based on a review of historical sources, the subject property was historically used for agricultural purposes. At some time between circa 1917-1939, the western portion of the site was developed as orchard land. By 1948, these operations ceased, and that portion of the subject property consisted by vacant or fallow land from circa 1948 through to the present day. Based on the usage, there is a potential that agricultural chemicals, such as pesticides, herbicides and fertilizers, were used on-site, and that the subject property has been impacted by the use of such agricultural chemicals. In general, historical agricultural use is not the subject of environmental enforcement actions by regulatory agencies, and therefore, could be considered a de minimis condition. Based on the length of time passed since the operations ceased (~70 years), the former use of the western portion of the subject property is not expected to represent a significant environmental concern. However, AEI understands that the subject property is slated for redevelopment with multifamily residential elderly housing. Consequently, it would be prudent for the owner of the subject property to determine whether sampling relating to the former agricultural use of the subject property is required by the local planning department or other applicable oversight agency prior to the commencement of redevelopment activities. AEI has contacted the City of Morgan Hill Planning Department at 408-778-6480 and planning@morganhill.ca.gov to ascertain whether soil sampling will be required for redevelopment. According to Mr. Rich Buikema with the City of Morgan Hill, a Phase I (and possibly Phase II) Environmental Site Assessment would be required as part of the Initial Study to determine if any contamination is present at the site. Mr. Buikema further noted that the Planning Department would need to review the Phase I ESA, and they typically rely on the Environmental Consultant's recommendation as to any possible contamination and the need for a Phase II. Based on this information, AEI recommends submitting the Phase I ESA to the Planning Department for review and comment regarding the historic agricultural operations prior to redevelopment.
- *Asbestos* - Per United States EPA regulations, buildings of any age may contain asbestos. The subject property residence was constructed in circa 1917, while the commercial building was constructed in circa 1982. At the time of AEI's site reconnaissance, access was not available for the on-site residence. However, typical presumed suspect ACMs

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include but are not limited to: drywall systems, ceiling materials, flooring materials, insulation, caulking, siding, and roofing materials. AEI understands that the current improvements are planned for demolition during the redevelopment of the subject property with multifamily residential elderly housing.

- *Lead-Based Paint* - The subject property residence was constructed in circa 1917, while the commercial building was constructed in circa 1982. Due to the age of the subject property residence, there is a potential that LBP is present. AEI understands that the current improvements are planned for demolition during the redevelopment of the subject property with multifamily residential elderly housing.

CONCLUSIONS, OPINIONS, AND RECOMMENDATIONS

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E1527-13, the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), and Federal Housing Administration (FHA) Multifamily Accelerated Processing (MAP) Guidelines of 16685 Church Street, Morgan Hill, Santa Clara County, California, the *subject property*. Any exceptions to, or deletions from, this practice are described in Sections 1.4, 1.5, and 1.6 of this report.

AEI did not identify evidence of RECs or CRECs in connection with the subject property during the course of this assessment. AEI recommends no further investigation for the subject property at this time.

AEI recommends the following for the identified OECs:

- *Asbestos* - Prior to demolition activities that may disturb suspect ACMs, a thorough asbestos survey to identify asbestos-containing building materials is required in accordance with the EPA NESHAP 40 CFR Part 61 and any identified ACMs should be abated by a licensed asbestos abatement contractor with proper offsite disposal prior to demolition activities.
- *Lead-based Paint* - AEI recommends that the property owner consult with a certified Lead Risk Assessor to determine options for control of possible LBP hazards. Stringent local and State regulations may apply to LBP in association with building demolition/ renovations and worker/occupant protection. It should be noted that construction activities that disturb materials or paints containing any amount of lead may be subject to certain requirements of the OSHA lead standard contained in 29 CFR 1910.1025 and 1926.62.

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1.0 INTRODUCTION

This report documents the methods and findings of the Phase I ESA performed in conformance with AEI's contract and scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) Guidelines for the property located at 16685 Church Street, Morgan Hill, Santa Clara County, California (Appendix A: Figures and Appendix B: Property Photographs).

1.1 SCOPE OF WORK

The purpose of the Phase I ESA is to assist the client in identifying potential RECs, in accordance with ASTM E1527-13, associated with the presence of any hazardous substances or petroleum products, their use, storage, and disposal at and in the vicinity of the subject property. Property assessment activities focused on: 1) a review of federal, state, tribal, and local databases that identify and describe underground fuel tank sites, leaking underground fuel tank sites, hazardous waste generation sites, and hazardous waste storage and disposal facility sites within the ASTM approximate minimum search distance; 2) a property and surrounding site reconnaissance, and interviews with the past and present owners and current occupants and operators to identify potential environmental contamination; and 3) a review of historical sources to help ascertain previous land use at the site and in the surrounding area.

1.2 ADDITIONAL SERVICES

Other Environmental Considerations such as ACMs, LBP, lead in drinking water, radon, mold, and wetlands can result in business environmental risks for property owners which may disrupt current or planned operations or cash flow and are generally beyond the scope of a Phase I assessment as defined by ASTM E1527-13. Based upon the agreed-on scope of services this ESA did not include subsurface or other invasive assessments, business environmental risks, or other services not specifically identified and discussed herein.

1.3 SIGNIFICANT ASSUMPTIONS

The following assumptions are made by AEI in this report. AEI relied on information derived from secondary sources including governmental agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, and personal interviews. AEI has reviewed and evaluated the thoroughness and reliability of the information derived from secondary sources including government agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, or personal interviews. It appears that all information obtained from outside sources and reviewed for this assessment is thorough and reliable. However, AEI cannot guarantee the thoroughness or reliability of this information.

Groundwater flow, unless otherwise specified by on-site well data or well data from the subject property or nearby sites, is inferred from contour information depicted on the USGS topographic maps. AEI assumes the property has been correctly and accurately identified by the client, designated representative of the client, property contact, property owner, and property owner's representatives.

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1.4 LIMITATIONS

Property conditions, as well as local, state, tribal, and federal regulations can change significantly over time. Therefore, the recommendations and conclusions presented as a result of this assessment apply strictly to the environmental regulations and property conditions existing at the time the assessment was performed. Available information has been analyzed using currently accepted assessment techniques and it is believed that the inferences made are reasonably representative of the property. AEI makes no warranty, expressed or implied, except that the services have been performed in accordance with generally accepted environmental property assessment practices applicable at the time and location of the assessment.

Considerations identified by ASTM as beyond the scope of a Phase I ESA that may affect business environmental risk at a given property include the following: ACMs, radon, LBP, lead in drinking water, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, mold, and high voltage lines. These environmental issues or conditions may warrant assessment based on the type of the property transaction; however, they are considered non-scope issues under ASTM Standard Practice E1527-13.

If requested by the client, these non-scope issues are discussed herein. Otherwise, the purpose of this assessment is solely to satisfy one of the requirements for qualification of the innocent landowner defense, contiguous property owner or bona fide prospective purchaser under CERCLA. ASTM Standard Practice E1527-13 and the United States EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) constitute the "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in:

1. 42 U.S.C. § 9601(35)(B), referenced in the ASTM Standard Practice E1527-13.
2. Sections 101(35)(B) (ii) and (iii) of CERCLA and referenced in the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312).
3. 42 U.S.C. § 9601(40) and 42 U.S.C. § 9607(q).

The Phase I ESA is not, and should not be construed as, a warranty or guarantee about the presence or absence of environmental contaminants that may affect the property. Neither is the assessment intended to assure clear title to the property in question. The sole purpose of assessment into property title records is to ascertain a historical basis of prior land use. All findings, conclusions, and recommendations stated in this report are based upon facts, circumstances, and industry-accepted procedures for such services as they existed at the time this report was prepared (i.e., federal, state, and local laws, rules, regulations, market conditions, economic conditions, political climate, and other applicable matters). All findings, conclusions, and recommendations stated in this report are based on the data and information provided, current subject property use, and observations and conditions that existed on the date and time of the property reconnaissance.

Responses received from local, state, or federal agencies or other secondary sources of information after the issuance of this report may change certain facts, findings, conclusions, or circumstances to the report. A change in any fact, circumstance, or industry-accepted procedure upon which this report was based may adversely affect the findings, conclusions, and recommendations expressed in this report.

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AEI's limited radon screening, if included, is intended to provide a preliminary screening to evaluate the potential presence of elevated radon concentrations at the site. The proposed scope is not intended to define the full extent of the presence of radon at the subject property. As such, the results should be used for lending purposes only. The recommendations and conclusions presented as a result of the limited preliminary radon screening apply strictly to the property conditions existing at the time the sampling was performed. The sample analytical results are only valid for the time, place, and condition of the site at the time of collection and AEI does not warrant that the results will be repeatable or are representative of past or future conditions.

1.5 Limiting Conditions/Deviations

The performance of this Phase I ESA was limited by the following:

- While additional assessments may have been conducted on the subject property, these documents must be provided for AEI's review in order for the information to be summarized/included in this Phase I ESA. Please refer to Section 6.3 for a summary of previous reports and other documentation provided to AEI during this assessment.
- The User did not complete the ASTM User Questionnaire or provide the User information to AEI. AEI assumes that qualification for the LLPs is being established by the User in documentation outside of this assessment.
- AEI requested an interview with the subject property owner and/or key site manager; however, the subject property owner/key site manager has not responded as of this report date. Based on the quality of information obtained from other sources, this limitation is not expected to alter the overall findings of this assessment.
- AEI was not granted access to the main residence or any associated structures and yards. Due to the residential nature of occupancy, the limited access is not expected to significantly alter the findings of this assessment.

1.6 Data Failure and Data Gaps

According to ASTM E1527-13, data gaps occur when the Environmental Professional is unable to obtain information required by the Standard, despite good faith efforts to gather such information. Pursuant to ASTM E1527-13, only significant data gaps, defined as those that affect the ability of the Environmental Professional to identify RECs, need to be documented.

Data failure is one type of data gap. According to ASTM E1527-13, data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Pursuant to ASTM E1527-13, historical sources are required to document property use back to the property's first developed use or back to 1940, whichever is earlier, or periods of five years or greater.

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1.6.1 Data Failure

The following data failure was identified during the course of this assessment:

Data Failure	The earliest historical resources obtained during this assessment were topographic maps dating from 1917-1941, which depicted the subject property as vacant land, with no structures or features depicted. However, assessor records indicate the present day residence was developed in 1917, and, by the 1939 aerial photograph, the western portion of the site was developed as orchard land. Thus, the subject property was historically residential in nature on the eastern portion of the site, while the western portion was developed agriculturally at some time between 1917 and 1939. No historical resources were available prior to 1917. The lack of historical sources for the subject property prior to its first developed use represents historical data source failure. However, as it is assumed that the subject property would have been previously used for residential or agricultural purposes, if not undeveloped, this data failure is not expected to significantly alter the findings of this assessment.
Information/Sources Consulted	City directories, aerial photographs, agency records, topographic maps

1.6.2 Significant Data Gaps

AEI did not identify significant data gaps which affected our ability to identify RECs.

1.7 Reliance

All reports, both verbal and written, are for the benefit of Sunnyvale Life, Inc. This report has no other purpose and may not be relied upon by any other person or entity without the written consent of AEI. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with AEI granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against AEI, its officers, employees, vendors, successors, or assigns. Reliance is provided in accordance with AEI's contract and Standard Terms and Conditions executed by Sunnyvale Life, Inc. on July 17, 2019. The limitation of liability defined in the Terms and Conditions is the aggregate limit of AEI's liability to the client and all relying parties.

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2.0 SITE AND VICINITY DESCRIPTION

2.1 SITE LOCATION AND DESCRIPTION

PROPERTY INFORMATION	
Site Address(es)	16685 Church Street, Morgan Hill, Santa Clara County, California 95037
Property ID (APN or Block/Lot)	817-02-001, 817-02-025
Location	Southeast of San Pedro Avenue, between Church Street and Monterey Road
Property Type	Commercial, residential and undeveloped
SITE AND BUILDING INFORMATION	
Approximate Site Acreage/Source	1.89/Assessor
Number of Buildings	Two
Building Construction Date(s)	Circa 1917 (residence) and 1982 (commercial building)
Building Square Footage (SF)/Source	2,342/Assessor
Number of Floors/Stories	One
Basement or Subgrade Area(s)	None identified for the commercial building, unknown for the residence
Number of Units	Two
Additional Improvements	Asphalt-paved parking areas and associated landscaping, undeveloped land
On-site Occupant(s)	Agape Day Spa, residential tenants
Current On-site Operations/Use	Spa salon and residential activities
Current Use of Hazardous Substances	None identified
REGULATORY INFORMATION	
Regulatory Database Listing(s)	None identified

2.2 ON-SITE UTILITIES

Utility	Source/System Information
Heating System	Unknown
Cooling System	Unknown
Potable Water	City of Morgan Hill
Sewage Disposal/Treatment	City of Morgan Hill

Utility source/system information listed in the table above is provided by online sources, unless otherwise noted above.

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2.3 Site and Vicinity Characteristics

The subject property is located in a light commercial and residential area of Morgan Hill, California. The immediately surrounding properties consist of the following:

Direction	Tenant/Use (Address)	Regulatory Database Listing(s)
Northeast	Church Street followed by: A parking lot (no listed address) Airtronics Metal Products (140 San Pedro Avenue) Monterey Auto (16670 Church Street)	CUPA LISTINGS (2), CERS, CERS HAZ WASTE,. EDR HIST AUTO, HAZNET (16670 Church Street) CERS (2), CERS HAZ WASTE, RCRA NONGEN / NLR, LUST, HAZNET, HIST CORTESE, NPDES, CUPA LISTINGS, HIST LUST, CIWQS (140 San Pedro Avenue)
Southeast	United States Postal Service (16600 Monterey Road)	UST
Southwest	Monterey Road followed by: Undeveloped land (16595 Monterey Road) Jesus Mexican Restaurant, Paul's Liquor & Market(16715 Monterey Road)	None identified
Northwest	San Pedro Avenue followed by: World Oil gas station (16720 Monterey Road) Residences (16701 Rohan Lane, 85, 95 San Pedro Avenue)	FINDS, LUST (2), HIST UST (2), RCRA-SQG, SWEEPS UST, CA FID UST, HIST CORTESE, CUPA LISTINGS, ECHO, CERS, UST, CERS, CERS TANKS, CERS HAZ WASTE, WDS, CIWQS, HIST LUST (16720 Monterey Road)

If the surrounding properties are listed in the regulatory database, please refer to Section 5.1 for discussion.

2.4 Physical Setting

Geologic Unit: Description/Source	Qa-Alluvium gravel: Alluvium, lake, playa, and terrace deposits; unconsolidated and semi-consolidated. Mostly non marine, but includes marine deposits near the coast. Pleistocene to Holocene/USGS and United States Department of the Interior
Soil Series: Description/Source	San Ysidro loam, 0 to 2 percent slopes (CoB): This flat to gently sloping soil is found on terraces and alluvial plains. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil does not meet hydric criteria./USDA Soil Survey
Groundwater Flow Direction/Source	East/LUST case information for 16720 Monterey Road obtained from GeoTracker
Estimated Depth to Groundwater/ Source	7 to 44 feet bgs/LUST case information for 16720 Monterey Road obtained from GeoTracker

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Surface waters on the subject property or adjacent sites	None
Floodplain	Based on a review of the FEMA FIRM Community Panel 06085C0607H, dated May 18, 2009, the majority of the property is located in Zone X (shaded), which is an area in the 500-year floodplain with a 0.2% Annual Chance Flood Hazard. The northwestern portion of the property is located in Zone AE, which are areas subject to inundation by the 1% annual chance flood event with base flood elevations (BFEs) established. The BFE for the subject property area is identified as 335 feet. The subject property is located in the City of Morgan Hill Community #060346, which is a participating community of the National Flood Insurance Program (NFIP). AEI understands the subject property is proposed for redevelopment with multifamily residential elderly housing. Reportedly, a flood study is being conducted by the project soils engineer per requirements of the City of Morgan Hill, and the project will be designed accordingly to address the floodplain.
Wetlands	Based on a review of the U.S. Fish & Wildlife Service National Wetlands Inventory (NWI) map, there are no wetland areas on or in the vicinity of the subject property.

Note: Groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells. Depth and gradient of the water table can change seasonally in response to variation in precipitation and recharge, and over time, in response to urban development such as storm water controls, impervious surfaces, pumping wells, cleanup activities, dewatering, seawater intrusion barrier projects near the coast, and other factors.

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3.0 HISTORICAL REVIEW OF SITE AND VICINITY

Reasonably ascertainable standard historical sources as outlined in ASTM Standard E1527-13 were used to determine previous uses and occupancies of the subject property that are likely to have led to RECs in connection with the subject property. A chronological summary of historical data found, including but not limited to aerial photographs, historical city directories, Sanborn fire insurance maps, and agency records, is as follows:

Date Range	Subject Property Description and Use (Historical Addresses)	Source(s)
Prior to 1917	Unknown use/Data failure; refer to Section 1.6.1	Aerial photographs, agency records
1917-1947	Developed with present day residence in circa 1917 Agricultural land (orchards) from circa 1939-1940, not depicted as orchard land in topographic maps dating from 1917-1947	Aerial photographs, topographic maps, assessor records
1948-1980	The current residence and fallow land	Aerial photographs, topographic maps
Circa 1982-Present	The current commercial building and residence and undeveloped land	Aerial photographs, topographic maps, site observation

The following historical address was associated with the subject property: 94 San Pedro Avenue. This address was also researched as part of this assessment.

Based on a review of historical sources, the subject property was historically used for agricultural purposes. At some time between circa 1917-1939, the western portion of the site was developed as orchard land. By 1948, these operations ceased, and that portion of the subject property consisted by vacant or fallow land from circa 1948 through to the present day. Based on the usage, there is a potential that agricultural chemicals, such as pesticides, herbicides and fertilizers, were used on-site, and that the subject property has been impacted by the use of such agricultural chemicals. In general, historical agricultural use is not the subject of environmental enforcement actions by regulatory agencies, and therefore, could be considered a de minimis condition. Based on the length of time passed since the operations ceased (~70 years), the former use of the western portion of the subject property is not expected to represent a significant environmental concern. However, AEI understands that the subject property is slated for redevelopment with multifamily residential elderly housing. Consequently, it would be prudent for the owner of the subject property to determine whether sampling relating to the former agricultural use of the subject property is required by the local planning department or other applicable oversight agency prior to the commencement of redevelopment activities. AEI has contacted the City of Morgan Hill Planning Department at 408-778-6480 and planning@morganhill.ca.gov to ascertain whether soil sampling will be required for redevelopment. According to Mr. Rich Buikema with the City of Morgan Hill, a Phase I (and possibly Phase II) Environmental Site Assessment would be required as part of the Initial Study to determine if any contamination is present at the site. Mr. Buikema further noted that the Planning Department would need to review the Phase I ESA, and they typically rely on the Environmental Consultant's recommendation as to any possible contamination and the need for

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a Phase II. Based on this information, AEI recommends submitting the Phase I ESA to the Planning Department for review and comment regarding the historic agricultural operations prior to redevelopment.

If available, copies of historical sources are provided in the report appendices.

3.1 Aerial Photographs

AEI reviewed aerial photographs of the subject property and surrounding area. A search was made of the EDR collection of aerial photographs. Aerial photographs were reviewed for the following years:

Year(s)	Subject Property Description	Adjacent Site Descriptions
1939, 1940	Agricultural land (orchards) and a residence	NORTHEAST: Agricultural land (orchards) and a residence SOUTHEAST: Agricultural land (orchards) and a residence SOUTHWEST: Agricultural land (orchards) and residences NORTHWEST: Agricultural land (orchards) and a residence
1948, 1950*	The current residence and fallow land	NORTHEAST: No significant changes SOUTHEAST: No significant changes SOUTHWEST: No significant changes NORTHWEST: No significant changes
1953*, 1956, 1963	No significant changes	NORTHEAST: Road followed by a fallow land and agricultural land (orchards) SOUTHEAST: A residence and fallow land and a road followed by agricultural land (orchards) SOUTHWEST: Road followed by agricultural land (orchards) NORTHWEST: Road followed by a commercial building and fallow land
1968, 1970, 1971*	No significant changes	NORTHEAST: Road followed by a storage yard, agricultural land, and the current commercial building SOUTHEAST: Fallow land and a road followed by agricultural land (orchards) SOUTHWEST: Road followed by agricultural land NORTHWEST: Road followed by a commercial structure and agricultural land
1974, 1980*	No significant changes	NORTHEAST: No significant changes SOUTHEAST: A residence and a road followed by fallow land SOUTHWEST: No significant changes NORTHWEST: No significant changes
1982	The current commercial building and residence and undeveloped land	NORTHEAST: No significant changes SOUTHEAST: No significant changes SOUTHWEST: No significant changes NORTHWEST: No significant changes

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Year(s)	Subject Property Description	Adjacent Site Descriptions
1987*, 1993, 1998*	No significant changes	NORTHEAST: Road followed by a parking lot, the current commercial building and undeveloped land SOUTHEAST: The current commercial building and a road followed by fallow land SOUTHWEST: Road followed by fallow land and the current commercial building NORTHWEST: No significant changes
2006, 2009, 2012, 2016	No significant changes	NORTHEAST: Road followed by the current commercial buildings and parking lot SOUTHEAST: No significant changes SOUTHWEST: No significant changes NORTHWEST: No significant changes

Environmental concerns associated with the former agricultural uses are further discussed in Section 3.0.

*Due to copyright restrictions, copies of the aerial photographs reviewed are not included in the appendices, but can be viewed online at historicaerials.com.

3.2 Sanborn Fire Insurance Maps

Sanborn Fire Insurance maps were developed in the late 1800s and early 1900s for use as an assessment tool for fire insurance rates in urbanized areas. A search was made of the EDR collection of Sanborn Fire Insurance maps.

Sanborn map coverage was not available for the subject property.

3.3 City Directories

A search of historical city directories was conducted for the subject property utilizing EDR and Cupertino Public Library. No potential tenants of concern were identified based on AEI's review of the historical city directories in the EDR report. Directories were reviewed in approximate five-year increments from 1970 to 2014 by EDR. The first listing for the subject property appeared in 1970. Please refer to the appendices for a complete list of historical subject property tenants identified by EDR.

The following tables summarize the results of the city directory search via EDR and at Cupertino Library.

16685 Church Street

Year(s)	Address - Occupant Listed
1970	Mrs. Rose Pileggi
1975-1980, 1985	Mr. Gary Morlan
1980, 1986	Ms. Millie E. Dzerigian
1992	Gary GR & Associates, Inc.
1995	Mr. Carl Webb
2005, 2010	Occupant Unknown
2015	Sew Bee It Quilting

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Year(s)	Address - Occupant Listed
2018	XXXX

94 San Pedro Avenue

Year(s)	Address - Occupant Listed
1976	Address not listed
1980, 1985	Village Florist & Nursery
1990	The Village Peddler
1995	Baloons to Bouquet
2000, 2005	Morgan Hill Sports Cards, Morgan Hill TV Sales & Service
2010	Morgan Hill TV Sales & Service
2015	Sew Bee It Quilting
2018	XXXX

If listed above, XXXX indicates that the address is valid but there is no occupancy information available.

AEI did not identify potential environmental concerns in association with the historical use of the subject property during the city directory review.

3.4 Historical Topographic Maps

In an attempt to close any data failure, AEI reviewed historical topographic maps at NETR's www.historicaerials.com. Topographic maps were available dating 1917, 1931, 1941, 1947, 1956, 1957, 1961, 1969, 1975, 1980, 1994, 2000, 2012, and 2015. From 1917 to 1947, the subject property is depicted as vacant land, with no structures or other features depicted. By 1956, the subject property is depicted with the present-day residence and vacant land, while the surrounding area properties are depicted as orchard land or with small, presumably residential structures. By 1969 and continuing through 2000, an additional structure appears present adjacent to the pre-existing residence. Additionally, during that period, the surrounding area became predominantly vacant land or developed commercially or residential in nature. In 2012-2015, the area is depicted as part of an urbanized environment, with no specific structures depicted.

No additional historical information was obtained from available topographic maps.

3.5 Chain of Title

Based on the quality of information obtained from other sources, a chain of title search was not performed as part of this assessment.

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4.0 REGULATORY AGENCY RECORDS REVIEW

Local and state agencies, such as environmental health departments, fire prevention bureaus, and building and planning departments are contacted to identify any current or previous reports of hazardous substance use, storage, and/or unauthorized releases that may have impacted the subject property. In addition, information pertaining to AULs, defined as legal or physical restrictions, or limitations on the use of, or access to, a site or facility, is requested.

4.1 Local Environmental Health Department and/or State Environmental Agency

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Santa Clara County Department of Environmental Health (SCCDEH)	July 19, 2019	Website	N/A	No hazardous materials records on file

4.2 Fire Department

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Morgan Hill Fire Department (MHFD)	July 19, 2019	Email	Ms. Angie Gonzalez	Records discussed below

Records Summary

Date	Occupant	Document Type	Document Notes/Violations
2011, 2012	Sew-Bee It Quilting	Inspection	No violations observed

Review of information on file for the subject property at the MHFD did not reveal any significant environmental concerns.

4.3 Building Department

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Morgan Hill Building Department (MHBD)	July 19, 2019	Email	Ms. Angie Gonzalez	Records discussed below

Records Summary

Year(s)	Owner/Applicant	Description of Permit and Building Use
1986	Illegible details	Repair fire damage
1992	David Brenneise	Electrical permit (details illegible)
1993	Sue Carrillo	Florist sign
2005, 2006	John Marquez	Reroof permit, exterior alterations to the residence, new gas meter
2013	Ho Truong	Repairs to foundation, sewer drain and electrical (expired)
2016	Nguyet Le Truong	Residential addition and remodel (expired)
2019	Cynthia Silva, Thai Minh Q and Fuller Clive	Certificate of Occupancy for a day spa, tenant improvements

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Evidence indicating current or prior use or storage of hazardous substances was not on file for the subject property with the MHBD.

4.4 Planning Department

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Morgan Hill Planning Department (MHPD)	July 19, 2019	Telephone	N/A	No evidence indicating the existence of AULs on file for the subject property

4.5 Assessor's Office

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Santa Clara County Assessor's Office	July 19, 2019	Telephone	N/A	Information obtained is discussed below

Records Summary

APN	817-02-001, 817-02-025
Acreage	1.89 acres
Construction Date	1917
Building Square Footage	2,342 square feet
Current Owner	Not provided

4.6 Other Agencies Searched

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
CA State Water Resources Control Board (SWRCB) GeoTracker	August 14, 2019	Website	N/A	No records on file
CA Department of Toxic Substances Control (DTSC) Hazardous Waste Tracking System (HWTS)	August 14, 2019	Website	N/A	No records on file
CA DTSC Envirostor	August 14, 2019	Website	N/A	No records on file
Bay Area Air Quality Management District (BAAQMD)	July 29, 2019	Email	Ms. Rochelle Reed	No records on file
Valley Water (VW) Wells Division	August 14, 2019	Email	Ms. Alexsis Shields	No records on file
VW Fuel Leaks and Solvent Database	August 14, 2019	Website	N/A	No records on file

No other agencies were contacted during the course of this assessment.

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4.7 Oil and Gas Wells

Agency	Date Referenced	Resource	Oil or gas wells located within 500 feet of the subject property
State of California Department of Conservation, Division of Oil, Gas & Geothermal Resources (CA DOGGR)	August 14, 2019	CA DOGGR Map	No

4.8 Oil and Gas Pipelines

Agency	Date Referenced	Resource	Pipelines located within 500 feet of the subject property
National Pipeline Mapping System (NPMS)	August 14, 2019	NPMS Public Map Viewer	No

4.9 State Environmental Superliens

In accordance with our approved scope of services, AEI did not assess whether the subject property is subject to any state environmental superliens.

4.10 State Property Transfer Laws

In accordance with our approved scope of services, AEI did not assess whether the subject property is subject to any state property transfer laws.

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5.0 REGULATORY DATABASE RECORDS REVIEW

AEI contracted EDR to conduct a search of publicly available information from federal, state, tribal, and local databases containing known and suspected sites of environmental contamination and sites of potential environmental significance. Data gathered during the current regulatory database search is compiled by EDR into one regulatory database report. Location information for listed sites is designated using geocoded information provided by federal, state, or local agencies and commonly used mapping databases with the exception of "Orphan" sites. Due to poor or inadequate address information, Orphan sites are identified but not geocoded/mapped by EDR, rather, information is provided based upon vicinity zip codes, city name, and state. The number of listed sites identified within the approximate minimum search distance from the federal and state environmental records database listings specified in ASTM Standard E1527-13 is summarized in Section 5.1, along with the total number of Orphan sites. A copy of the regulatory database report, which includes detailed descriptions of the databases noted below, is included in Appendix C of this report.

In determining if a listed site is a potential environmental concern to the subject property, AEI generally applies the following criteria to classify the site as lower potential environmental concern: 1) the site only holds an operating permit (which does not imply a release), 2) the site's distance from, and/or topographic position relative to, the subject property, and/or 3) the site has recently been granted "No Further Action" by the appropriate regulatory agency.

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5.1 RECORDS SUMMARY

Database	Search Distance (Miles)	Listings Within Search Distance	Subject Property	Adjacent Site(s)	Other Nearby Sites of Concern
NPL	1.0	0			
DELISTED NPL	0.5	0			
SEMS/CERCLIS	0.5	0			
SEMS-ARCHIVE/CERCLIS NFRAP	0.5	0			
RCRA CORRACTS	1.0	0			
RCRA-TSDF	0.5	0			
RCRA LQG, SQG, CESQGs, NLR	SP/ADJ	2		✔	
US ENG CONTROLS	SP	0			
US INST CONTROLS	SP	0			
ERNS	SP	0			
STATE/TRIBAL HWS	1.0	11			
STATE/TRIBAL SWLF	0.5	0			
STATE/TRIBAL REGISTERED STORAGE TANKS	SP/ADJ	2		✔	
STATE/TRIBAL LUST	0.5	16		✔	
STATE/TRIBAL EC and IC	SP	0			
STATE/TRIBAL VCP	0.5	0			
STATE/TRIBAL BROWNFIELD	0.5	0			

Database	Search Distance (Miles)	Listings Within Search Distance	Subject Property	Adjacent Site(s)	Other Nearby Sites of Concern
ORPHAN	N/A	2			
ADDITIONAL ENVIRONMENTAL RECORD SOURCES	SP/ADJ	29		✔	

Facility Name	MONTEREY AUTO SERVICE, MONTEREY AUTO SERVICE OF MORGAN HILL
Address	16670 Church Street
Distance & Direction	Adjacent to the northeast
Hydrologic Position	Down-gradient
Databases Listed	CUPA LISTINGS (2), CERS, CERS HAZ WASTE, EDR HIST AUTO, HAZNET
Comments	This site is listed as a hazardous waste generator and chemical storage facility with minor violations in 2018. The site has been an auto repair shop since 1997. The EDR Historical Auto Station database does not report a release, but rather identifies businesses, based on name, that may have been associated with an automotive activities. Based on the lack of a documented release and the hydrogeologic relationship, the review of regulatory agency files for this site was not deemed necessary, and the site is not expected to represent a significant environmental concern.

Facility Name	U.S. POST OFFICE
Address	16600 Monterey Road
Distance & Direction	Adjacent to the southeast
Hydrologic Position	Cross-gradient
Databases Listed	UST
Comments	This site is listed as a UST site. No information regarding the size or contents of the UST were noted. A tank pad was observed in aerials on the site approximately 140 feet southeast of the subject property. No releases have been reported in association with this UST. Based on the lack of a documented release, the review of regulatory agency files for this site was not deemed necessary, and the site is not expected to represent a significant environmental concern.

Facility Name	WORLD OIL CO, WORLD OIL MARKETING #52, WORLD OIL MARKETING CO 52
Address	16720 Monterey Road/Highway
Distance & Direction	Adjacent to the northwest
Hydrologic Position	Cross-gradient
Databases Listed	FINDS, LUST (2), HIST UST (2), RCRA-SQG, SWEEPS UST, CA FID UST, HIST CORTESE, CUPA LISTINGS, ECHO, CERS (2), UST, CERS TANKS, CERS HAZ WASTE, WDS, CIWQS, HIST LUST

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Comments	This site is listed as a closed LUST site, as well as with additional regulatory listings associated with its current operation as a fuel station with active USTs and closed LUST cases. Additionally, the facility was a SQG of RCRA hazardous wastes in 1996, as well as a historical LQG in 1985. No waste summary is listed, and no violations were found. According to information regarding the site on GeoTracker, five USTs were present at the gas station in 1987. Four of the USTs were used for the storage of gasoline and one UST was for used motor oil. The USTs were installed prior to 1984; the exact date of installation is unknown. Remedial investigations began in January 1986 with the installation of two groundwater monitoring wells (MW-1 and MW-2). After detecting separate phase hydrocarbons in both monitoring wells, the owner conducted tank, product, and vapor pipeline testing. Leaks were identified, repaired and reported to the California Regional Water Quality Control Board - Central Coast Region (CCRWQCB). A Cleanup and Abatement order (order #86-267) was issued by the CCRWQCB on March 25, 1986. Between April and November 1986, twelve groundwater monitoring wells (MW-3 through MW-14) and one extraction well (PW1) were installed by a Converse Environmental Consultants California (CECC). Analytical results from samples taken from these groundwater monitoring wells indicated elevated concentrations of total petroleum hydrocarbons as gasoline (TPHg) and benzene. A groundwater extraction and treatment (GWET) system was installed by CECC in November 1986 and began full-time operation in May 1987, but operations were ceased in July 1987 due to a decline in groundwater elevations. Between January 1987 and July 1987, approximately 95,000 gallons of groundwater was extracted and treated through the GWET system. Beginning in May 1988, the original five USTs were replaced with three new double-walled fiberglass USTs. UST removal activities were conducted by Crown Environmental. During the UST replacement activities, approximately 650 cubic yards of soil were excavated. Approximately 370 cubic yards were treated on site and re-used as backfill, and the remaining 280 cubic yards of soil were removed from the site. In July and August 2001, World's construction contractor installed new piping, fuel dispensers, and an additional 20,000 gallon UST west of the three existing USTs. Approximately 700 cubic yards of soil and 180 cubic yards of pea gravel were excavated during the installation activities. Analytical results of samples taken from the excavated soil and pea gravel were non-detect and low, respectively. The excavated soil and pea gravel were re-used as needed, and excess soil was spread over the undeveloped portion of the site property. Groundwater sampling was conducted through 2012. The most recent soil data prior to closure being granted showed concentrations of 1,000 ppm TPHg, 0.0079 ppm benzene, 0.0033 ppm toluene, 6.7 ppm xylene, 4.0 ppm ethylbenzene, and 0.11 ppm TBA in soil and 2,400 ppb TPHg, 83 ppb benzene, 5.2 ppb toluene, 25.2 ppb xylene, and 14 ppb ethylbenzene in groundwater. Based on this data, the SCCDEH LOP granted the case closure in 2014 with no further action required. Review of cumulative groundwater analytical data for the site indicated that the closest monitoring wells to the subject property exhibited non-detect concentrations of contaminants for several years prior to the case closure. Based on this information, the case closed regulatory status of the LUST cases, and the lack of additional concerns, such as significant violations or additional releases,

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	identified in connection with the currently operating UST system, as well as the cross-gradient hydrologic gradient relative to the subject property, this site is not expected to represent a significant environmental concern at this time.

Facility Name	AIRTRONICS METAL PRODUCTS, INC, REDTREE PROPERTIES
Address	140 San Pedro Avenue
Distance & Direction	Adjacent to the northeast
Hydrologic Position	Down-gradient
Databases Listed	CERS (2), CERS HAZ WASTE, RCRA NONGEN / NLR, LUST, HAZNET, HIST CORTESE, NPDES, CUPA LISTINGS, HIST LUST, CIWQS

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Comments	This site is listed as a closed LUST case. AEI reviewed information on GeoTracker. In 1991, a 550 gallon diesel UST and associated piping were removed from the property. Approximately 5 cubic yards of soil were excavated from the vicinity of the tank and stockpiled on-site. Analytical results from soil samples collected from the bottom of the excavation showed 29 and 31 mg/kg TPHd. BTEX was non-detect. Analytical results for soil samples collected from depths of 0.5 to 3 feet along the supply line trench indicated the presence of up to 1,400 mg/kg TPHmo. Based on these results, the MHFD requested additional shallow soil samples to confirm the extent of contamination. Eight additional soil borings were completed along the supply line trench in August 1992. Based on the fact that no TPHmo was detected in seven of the soil samples and TPHmo was detected in only one of the soil samples at "low" concentrations, no further work was recommended for this area. In 1992, 13 soil samples were collected at 5 foot intervals across the site from 15 to 75 feet bgs and were analyzed for TPHg, TPHd, TPHmo and BTEX, which all came back as non-detect. One monitoring well was installed in 1992 and five rounds of groundwater sampling were conducted between May 1992 and May 1993. Groundwater data indicated that TPHd was not detected in 3 out of the 5 sampling rounds. A concentration of 92 ug/L TPHd was detected in the groundwater sample collected in 1992, and concentrations of 67 and 110 ug/L TPHd in duplicate samples were identified in May 1993. TPHg, TPHmo and BTEX were never detected in groundwater. In addition, laboratory analysis of the monitoring wells closest to the subject property show that no contaminants were found to be above non-detect levels for 2 years prior to well decommissioning and site closure. Based on these sampling results and the recommendations of the environmental consultants, the monitoring well was decommissioned and the city of Morgan Hill granted case closure in 1994. Based on the down-gradient hydrologic position relative to the subject property, the current inactive/case closed regulatory status, and the time elapsed since closure was achieved, the former UST and associated LUST activities are not expected to represent a significant environmental concern at this time. The tenant is listed as performing sheet metal design engineering and fabrication and was listed as chemical storage facility and a hazardous waste generator with minor violations in 2018 under the CERS/CERS HAZ WASTE listings. The site is also listed as a non-generator who does not presently generate hazardous waste under the RCRA NONGEN/NLR listing in 2014. The site is listed as an active NPDES/CIWQS facility for industrial operations. However, based on the lack of a documented release or significant violations identified associated with these listings, these listings are not expected to represent a significant environmental concern.

5.2 Vapor Migration

Per HUD Guidelines, AEI conducted a "Tier I" (non-intrusive) Vapor Encroachment Screening (VES) on the subject property in accordance with the methodology set forth in ASTM E

2600-10 "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions". The purpose of the Tier I VES was to conduct an initial screen to identify, to the extent feasible, the potential vapor encroachment condition (VEC) in connection with the subject property with respect to chemicals of concern that may migrate as vapors into existing or planned structures on a property due to contaminated soil and groundwater on the subject property or within close proximity to the subject property.

This VES utilized readily available data sources previously discussed in this Phase I ESA to include the type of soils, geology and groundwater characteristics of the subject property area as well as known or potentially contaminated sites as identified on Federal, State, tribal and local databases. AEI also utilized previously discussed standard historical sources of information to identify potential historical sources of contamination on the subject property and surrounding properties which may be indicative of a VEC. This data collection and analysis was coupled with our site reconnaissance of the subject property and surrounding properties.

Based upon the results of our data collection, reconnaissance and analysis, AEI did not identify a VEC at the subject property.

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6.0 INTERVIEWS AND USER PROVIDED INFORMATION

6.1 INTERVIEWS

Pursuant to ASTM E1527-13, the following interviews were performed during this assessment in order to obtain information indicating RECs in connection with the subject property.

6.1.1 OWNER AND KEY SITE MANAGER

Relation to Property	Name	Date Interviewed	Method of Contact	Year First Associated w/ Property	Notes
Owner/Owner Representative	Not obtained	N/A	N/A	N/A	Contact information not provided; refer to Section 1.5
Key Site Manager	Not obtained	N/A	N/A	N/A	No Key Site Manager identified

6.1.2 PAST OWNERS, OPERATORS, AND OCCUPANTS

AEI attempted to obtain contact information for past owners, operators and occupants of the subject property in order to interview them regarding the potential for contamination at the property. AEI requested this contact information of the property owner, reviewed agency records, and performed online research to obtain this information. Contact information was not found. As such, interviews with past owners, operators and occupants were not reasonably ascertainable.

6.1.3 INTERVIEW WITH OTHERS

Information obtained during interviews with local government officials is incorporated into the appropriate segments of this report.

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6.2 User Provided Information

User provided information is intended to help identify the possibility of RECs in connection with the subject property. According to ASTM E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), certain items should be researched by the prospective landowner or grantee, and the results of such inquiries may be provided to the Environmental Professional. The responsibility for qualifying for LLPs by conducting the inquiries ultimately rests with the User, and providing the information to the Environmental Professional would be prudent if such information is available.

The User did not complete the ASTM User Questionnaire or provide the User information to AEI. AEI assumes that qualification for the LLPs is being established by the User in documentation outside of this assessment.

Question	Response/ Comment
1. Environmental liens that are filed or recorded against the property (40 CFR 312.25) Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?	Information not provided
2. Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and vi)). Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?	Information not provided
3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28). Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	Information not provided
4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29). Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	Information not provided

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Question	Response/ Comment
5. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30). Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example: (a) Do you know the past uses of the property? (b) Do you know of specific chemicals that are present or once were present at the property? (c) Do you know of spills or other chemical releases that have taken place at the property? (d) Do you know of any environmental cleanups that have taken place at the property?	Information not provided
6. The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31). Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?	Information not provided

6.3 Previous Reports and Other Provided Documentation

No prior reports or other relevant documentation in association with the subject property was made available to AEI during the course of this assessment.

6.4 Environmental Lien Search

In accordance with our approved scope of services, an environmental lien search was not performed as part of this assessment.

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7.0 SITE RECONNAISSANCE

Site Reconnaissance Date	August 8, 2019
AEI Site Assessor(s)	Megan Nolet
Property Escort(s)/ Relationship(s) to Property	N/A
Units/Areas Observed	Interiors of the commercial building as well as exterior areas of APN 817-02-025
Area(s) not accessed and reason(s)	Refer to Section 1.5 for discussion of limiting condition(s).
Other Physical Constraints	Refer to Section 1.5 for discussion of limiting condition(s).

Reconnaissance Findings Summary

Feature	Observed on Subject Property (see Section 7.1)	Observed on Adjacent Property (see Section 7.2)
Regulated Hazardous Substances/Wastes and/or Petroleum Products in Connection with Property Use		✔
Aboveground/Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)		✔
Hazardous Substance and Petroleum Product Containers Not in Connection with Property Use		
Unidentified Substance Containers		
Electrical or Mechanical Equipment Likely to Contain Fluids		✔
Interior Stains or Corrosion		
Strong, Pungent, or Noxious Odors		
Pools of Liquid		
Drains, Sumps, and Clarifiers	✔	
Pits, Ponds, and Lagoons		
Stained Soil or Pavement		
Stressed Vegetation		
Solid Waste Disposal or Evidence of Fill Materials		
Waste Water Discharges		
Wells		
Septic Systems		
Biomedical Wastes		
Other		

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7.1 SUBJECT PROPERTY RECONNAISSANCE FINDINGS

During the site reconnaissance, AEI observed the items listed in the above Reconnaissance Findings Summary table, which are further discussed below.

7.1.1 DRAINS, SUMPS, AND CLARIFIERS

One storm drain was observed in the parking area of the subject property. AEI did not observe evidence of hazardous substances or petroleum products in the vicinity of the drain. Based on

the use of the drain solely for storm water runoff, the presence of the drain is not expected to represent a significant environmental concern.

7.2 Adjacent Property Reconnaissance Findings

During the site reconnaissance, AEI observed the items listed in the above Reconnaissance Findings Summary table, which are further discussed below.

7.2.1 Regulated Hazardous Substances/Wastes and/or Petroleum Products in Connection with Property Use

The adjacent site to the northwest was observed to be occupied by a gas station. Based on the nature of use, hazardous substances are likely utilized/stored on the site. This site was identified in the regulatory database and is further discussed in Section 5.1.

7.2.2 Aboveground/Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)

The adjacent site to the northwest was observed to be occupied by a gas station. Based on the nature of use, USTs as well as other hazardous substances are likely stored on the site. This site was identified in the regulatory database and is further discussed in Section 5.1.

7.2.3 Electrical or Mechanical Equipment Likely to Contain Fluids

Toxic PCBs were commonly used historically in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors. According to United States EPA regulation 40 CFR, Part 761, there are three categories for classifying such equipment: <50 ppm of PCBs is considered "Non-PCB"; between 50 and 500 ppm is considered "PCB-Contaminated"; and >500 ppm is considered "PCB-Containing." Pursuant to 15 U.S.C. 2605(e)(2)(A), the manufacture, process, or distribution in commerce or use of any polychlorinated biphenyl in any manner other than in a totally enclosed manner was prohibited after January 1, 1977.

Transformers

The management of potential PCB-containing transformers is the responsibility of the local utility or the transformer owner. Actual material samples need to be collected to determine if transformers are PCB-containing.

Two pole-mounted transformers were observed on the adjacent sites during the site reconnaissance. No spills, staining, or leaks were observed on or around the transformers. Based on the good condition of the equipment, the transformers are not expected to represent a significant environmental concern.

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8.0 NON-ASTM SERVICES

8.1 Asbestos-Containing Building Materials

Asbestos is the name for a group of naturally occurring silicate minerals that are considered to be "fibrous" and through processing can be separated into smaller and smaller fibers. The fibers are strong, durable, chemical resistant, and resistant to heat and fire. They are also long, thin and flexible, so they can even be woven into cloth. Because of these qualities, asbestos was considered an ideal product and has been used in thousands of consumer, industrial, maritime, automotive, scientific, and building products.

At the federal level, asbestos is primarily regulated by the United States EPA primarily through the EPA's NESHAP (Standard 40 CFR Chapter 61, Subpart M), the OSHA through the General Industry Standard, and the Construction Industry Standard (29 CFR 1926.1101 and 29 CFR 1910.1001). Many states have regulations in place for the inspection, management, and remediation of asbestos including company and individual licensing requirements for all activities relating to asbestos. Under both federal and state regulations building owners and employers may be required to perform certain activities related to the in-place management of asbestos, and prior to renovations or demolition activities (i.e. asbestos inspections or remediation) that may disturb building materials suspected of containing asbestos.

The information below is for general informational purposes only and does not constitute an asbestos survey. In addition, the information is not intended to comply with federal, state, or local regulations in regards to ACM.

Per United States EPA regulations, buildings of any age may contain asbestos. The subject property residence was constructed in circa 1917, while the commercial building was constructed in circa 1982. At the time of AEI's site reconnaissance, access was not available for the on-site residence. However, typical presumed suspect ACMs include but are not limited to: drywall systems, ceiling materials, flooring materials, insulation, caulking, siding, and roofing materials. AEI understands that the current improvements are planned for demolition during the redevelopment of the subject property with multifamily residential elderly housing. As such, prior to demolition activities that may disturb suspect ACMs, a thorough asbestos survey to identify asbestos-containing building materials is required in accordance with the EPA NESHAP 40 CFR Part 61 and any identified ACMs should be abated by a licensed asbestos abatement contractor with proper offsite disposal prior to demolition activities.

8.2 Lead-Based Paint

LBP is defined as any paint, varnish, stain, or other applied coating that has ≥1 mg/cm² (5,000 µg/g or 5,000 ppm) or more of lead by federal guidelines; state and local definitions may differ from the federal definitions in amounts ranging from 0.5 mg/cm² to 2.0 mg/cm². Section 1017 of the Housing and Urban Development (HUD) Guidelines, Residential Lead-Based Paint Hazard Reduction Act of 1992, otherwise known as "Title X", defines a LBP hazard as "any condition that causes exposure to lead that would result in adverse human health effects" resulting from lead-contaminated dust, bare, lead-contaminated soil, and/or lead-contaminated paint that is deteriorated or present on accessible, friction, or impact surfaces. Therefore, under Title X, intact LBP on most walls and ceilings would not be considered a "hazard", although the paint should

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be maintained and its condition monitored to ensure that it does not deteriorate and become a hazard. Additionally, Section 1018 of this law directed HUD and EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978. Most private housing, public housing, or federally owned or subsidized housing is affected by this rule.

Under OSHA, LCP is defined as any paint with any detectable amount of lead present in it. Therefore, all LBP is considered LCP. Conversely, LCP may not meet the criteria to be considered LBP in accordance with HUD guidelines or some states' definition of LBP.

It is important to note that LCP may create a lead hazard when being removed. The condition of these materials must be monitored when they are being disturbed. In the event LCP is subject to abrading, sanding, torching, and/or cutting during demolition or renovation activities, there may be regulatory issues that must be addressed.

The information below is for general informational purposes only and does not constitute a lead hazard evaluation. In addition, the information is not intended to comply with federal, state, or local regulations in regards to LBP.

In buildings constructed after 1978, it is unlikely that LBP is present; however, some paints utilized after 1978 will be LCP under OSHA. Structures built prior to 1978 and especially prior to the 1960s should be expected to contain LBP.

The subject property residence was constructed in circa 1917, while the commercial building was constructed in circa 1982. Due to the age of the subject property residence, there is a potential that LBP is present. AEI understands that the current improvements are planned for demolition during the redevelopment of the subject property with multifamily residential elderly housing. As such, AEI recommends that the property owner consult with a certified Lead Risk Assessor to determine options for control of possible LBP hazards. Stringent local and State regulations may apply to LBP in association with building demolition/renovations and worker/occupant protection. It should be noted that construction activities that disturb materials or paints containing any amount of lead may be subject to certain requirements of the OSHA lead standard contained in 29 CFR 1910.1025 and 1926.62.

8.3 RADON

Radon is a naturally-occurring, odorless, and invisible gas. Natural radon levels vary and are closely related to geologic formations. Radon may enter buildings through basement sumps or other openings.

The United States EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three radon zones, with Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the EPA Action Limit of 4.0 pCi/L. It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the EPA recommends site specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

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According to the US EPA, the radon zone level for the area is Zone 2, which has a predicted average indoor screening level between 2 pCi/L and 4 pCi/L, equal to or below the action level of 4 pCi/L set forth by the US EPA.

In addition, according to the California Department of Health Services Radon Database, 35 tests were conducted for radon levels in the subject property zip code (95037) in 2016. Two of the tests exceeded the action level of 4.0 pCi/L set forth by the US EPA. While a relatively small percentage of the test results exceeded the EPA threshold, the majority of the locations sampled were below 4.0 pCi/L.

Radon sampling was not requested as part of this assessment.

8.4 Mold

Molds are simple microscopic organisms which can often be seen in the form of discoloration, frequently green, gray, white, brown, or black. When excessive moisture or water accumulates indoors, mold growth may occur, particularly if the moisture problem remains undiscovered or unaddressed. As such, interior areas of buildings characterized by poor ventilation and high humidity are the most common locations of mold growth. Building materials, including drywall, wallpaper, baseboards, wood framing, insulation, and carpeting, often play host to such growth. Mold spores primarily cause health problems through the inhalation of spores or the toxins they emit when they are present in large numbers. This can occur when there is active mold growth within places where people live or work.

Mold, if present, may or may not visually manifest itself. Neither the individual completing this inspection, nor AEI has any liability for the identification of mold-related concerns except as defined in applicable industry standards. In short, this Phase I ESA should not be construed as a mold survey or inspection.

This activity was not designed to discover all areas which may be affected by mold growth on the subject property. Rather, it is intended to give the client an indication if significant (based on observed areas) mold growth is present at the subject property. Potential areas of mold growth, such as in pipe chases, HVAC systems, and behind enclosed walls and ceilings, were not observed as part of this limited assessment.

AEI observed interior areas of the commercial building to identify the potential presence of mold. AEI did not note obvious visual or olfactory indications of the presence of mold, nor did AEI observe obvious indications of significant water damage, in the accessible commercial building at the time of the site reconnaissance. As such, no bulk sampling of suspect surfaces was conducted as part of this assessment and no additional action with respect to suspect mold appears to be warranted at this time.

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9.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR Part 312.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:

Megan Nolet
Project Manager

Reviewed By:

F. Taylor Wiseman
Senior Author

Staige L. Miller
Vice President – HUD Environmental Services

I hereby certify under penalty of perjury that all of the information I have provided on this form and in any accompanying documentation is true and accurate. I acknowledge that if I knowingly have made any false, fictitious, or fraudulent statement, representation, or certification on this form or on any accompanying documents, I may be subject to criminal, civil, and/or administration sanctions, including fines, penalties, and/or imprisonment under applicable federal law, including but not limited to 12 U.S.C. §1833a; 18 U.S.C. §§1001, 1006, 1010, 1012, and 1014; 12 U.S.C. §1708 and 1735f-14; and 31 U.S.C. §§3729 and 3802.

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10.0 REFERENCES

Item	Date(s)	Source
Soils Information	Accessed August 2019	USDA Web Soil Survey http://websoilsurvey.nrcs.usda.gov/ app/WebSoilSurvey.aspx
Topographic Map	2015	USGS, Mount Madonna
Depth to Groundwater Information	August 2019	Regional Water Quality Control Board (RWQCB) GeoTracker website http://geotracker.waterboards.ca.gov/
Aerial Photographs	1939-2016 (non-inclusive)	EDR NETR Online www.historicaerials.com
Sanborn Map Report/Search	July 23, 2019	EDR
City Directories	1970-2014 (non-inclusive)	EDR, Cupertino Public Library
Historic Topographic Maps	1917-2015 (non-inclusive)	NETR Online www.historicaerials.com
Environmental Health Department/State Environmental Agency	July 19, 2019	Santa Clara County Department of Environmental Health
Fire Department	July 19, 2019	Morgan Hill Fire Department
Building Department	July 19, 2019	Morgan Hill Building Department
Planning Department	July 19, 2019	Morgan Hill Planning Department
Assessor's Information and Parcel Map	July 19, 2019	Santa Clara County Assessor's Office
Other Agencies Searched	July, August 2019	SWRCB Geotracker, DTSC HWTS, BAAQMD, VW, and DTSC Envirostor databases
Oil and Gas Wells	August 14, 2019	State of California Department of Conservation, Division of Oil, Gas & Geothermal Resources
Oil and Gas Pipelines	August 14, 2019	NPMS Public Map Viewer https://www.npms.phmsa.dot.gov/ PublicViewer/composite.jsf
Regulatory Database Report	July 23, 2019	EDR
Radon Zone Information	2016	Department of Health Services (DHS) California Indoor Radon Levels
Flood Map	August 2019	FEMA Flood Map Website https://msc.fema.gov/portal
Wetlands Data	August 2019	National Wetlands Inventory Wetlands Mapper http://www.fws.gov/wetlands/Data/ Mapper.html

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APPENDIX A

FIGURES

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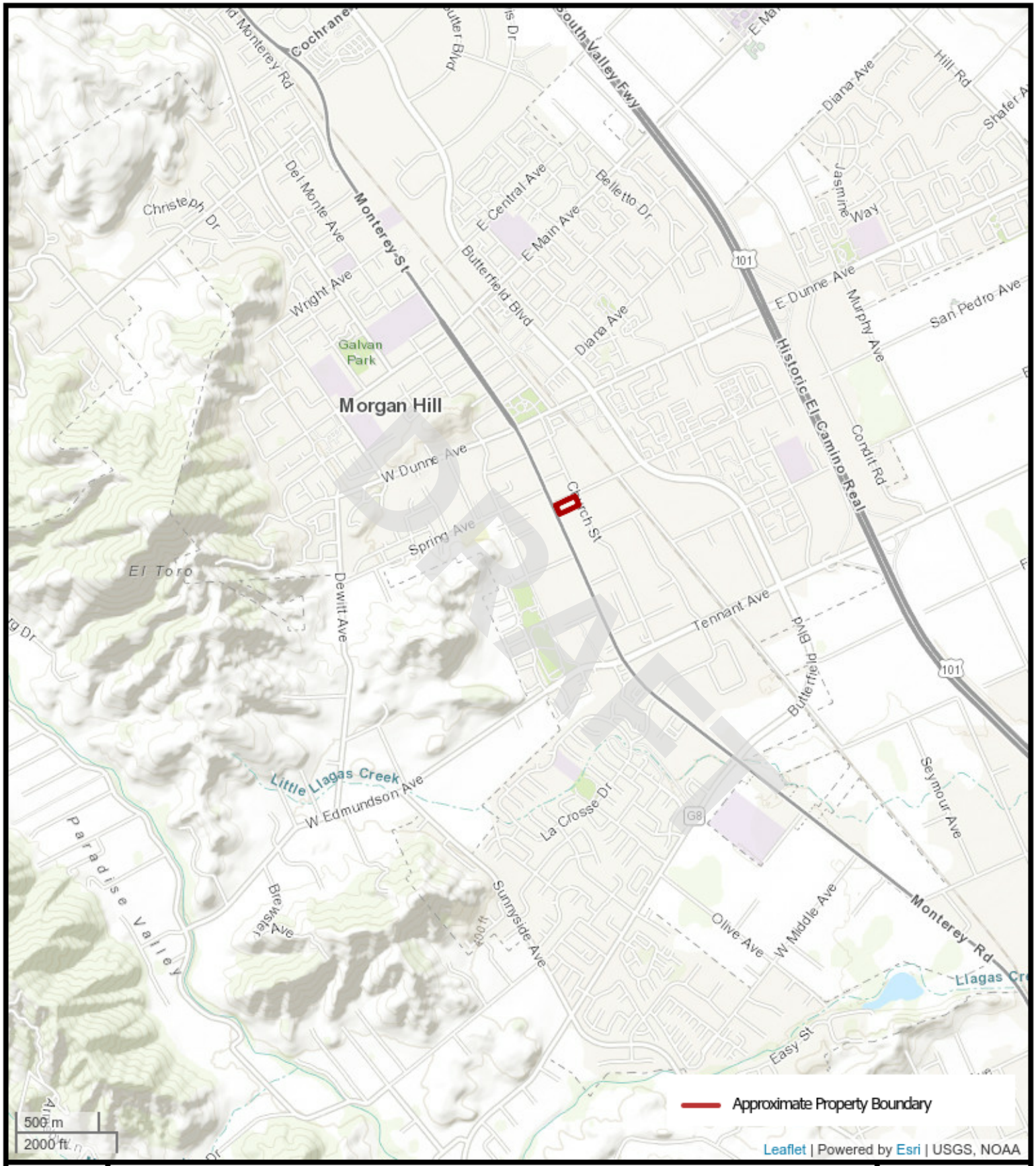

N

FIGURE 1: TOPOGRAPHIC MAP

16685 Church Street, Morgan Hill, California 95037

AEI Project Number: 409000

AEI Consultants

N

FIGURE 2: SITE MAP

16685 Church Street, Morgan Hill, California 95037

AEI Project Number: 409000

AEI Consultants

APPENDIX B

PROPERTY PHOTOGRAPHS

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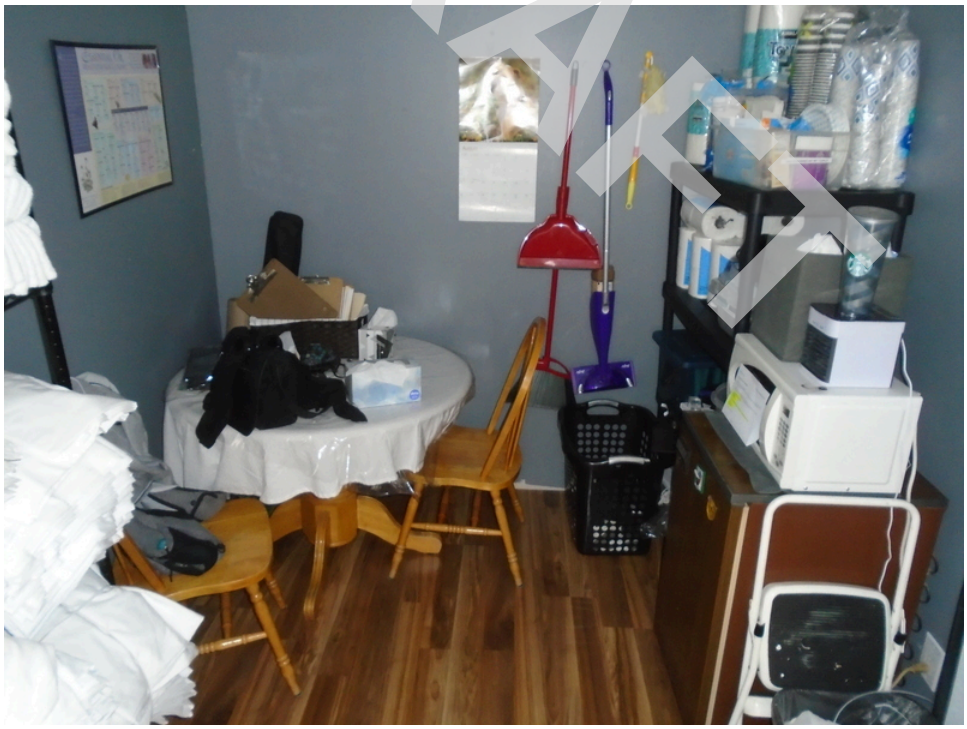
1. Commercial building



2. Interior of the day spa

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3. Interior of the day spa

4. Interior of the day spa

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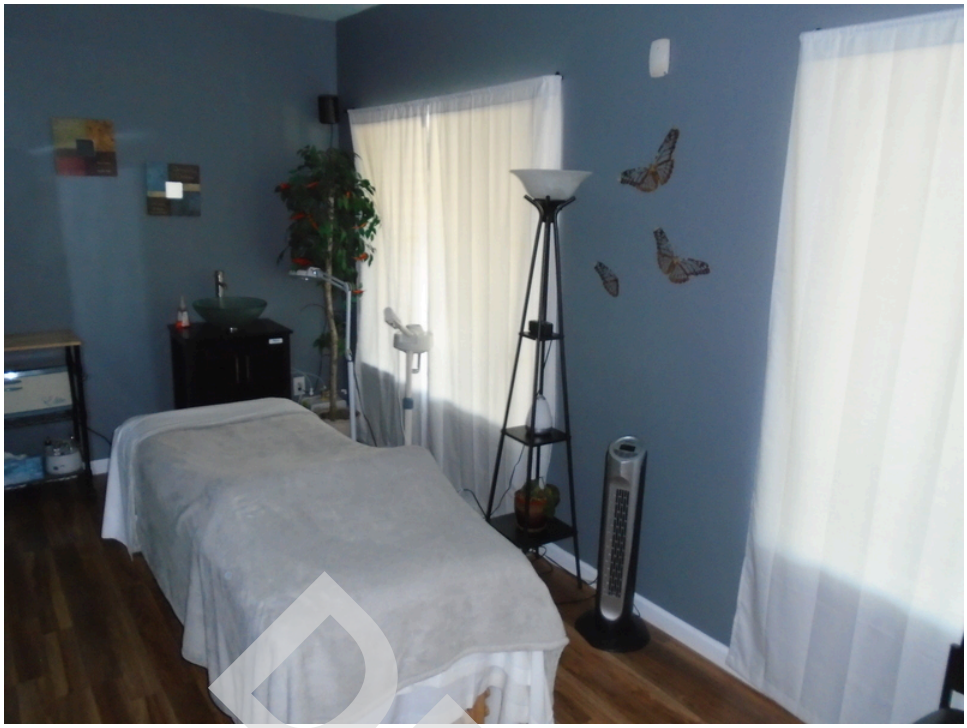

5. Interior of the day spa

6. Interior of the day spa

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7. Interior of the day spa

8. Interior of the day spa

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9. Backyard of the commercial building

10. Interior of the day spa

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11. Backyard of the commercial building

12. Backyard of the commercial building

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13. Residence

14. Residence's yard

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15. Parking lot and storm drain

16. Residence's yard

DRAFT

17. Northwestern adjacent World Oil Gas Station

18. Northwestern adjacent single-family residences

DRAFT

19. Undeveloped parcel

20. Undeveloped parcel

DRAFT

21. Undeveloped parcel

22. Undeveloped parcel

DRAFT

23. Southwestern adjacent undeveloped land

24. Southwestern adjacent Jesus Mexican Restaurant and Paul's Liquor and Market

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25. Southeastern adjacent United States Postal Service

26. Northeastern adjacent Monterey Auto Service

DRAFT

27. Northeastern adjacent parking lot

28. Northeastern adjacent Airtronics Metal Products

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APPENDIX C

REGULATORY DATABASE

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409000
16685 Church Street
Morgan Hill, CA 95037

Inquiry Number: 5725644.2s
July 23, 2019

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The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

16685 CHURCH STREET
MORGAN HILL, CA 95037

COORDINATES

Latitude (North):	37.1213000 - 37˚ 7' 16.68''
Longitude (West):	121.6463010 - 121˚ 38' 46.68''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	620261.2
UTM Y (Meters):	4108982.8
Elevation:	337 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5640078 MOUNT MADONNA, CA
Version Date:	2012
Northwest Map:	5640402 MORGAN HILL, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140609
Source:	USDA

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MAPPED SITES SUMMARY

Target Property Address:
16685 CHURCH STREET
MORGAN HILL, CA 95037

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	MONTEREY AUTO SERVIC	16670 CHURCH ST	CERS HAZ WASTE, CUPA Listings, CERS	Higher	111, 0.021, ESE
A2	MONTEREY AUTO SVC OF	16670 CHURCH ST	EDR Hist Auto	Higher	111, 0.021, ESE
A3	MONTEREY AUTO SERVIC	16670 CHURCH ST	CUPA Listings, HAZNET	Higher	111, 0.021, ESE
4	U.S. POST OFFICE	16600 MONTEREY RD	UST	Lower	236, 0.045, SW
B5	WORLD GAS STATION	16720 MONTEREY ST	EDR Hist Auto	Lower	246, 0.047, WNW
B6	WORLD OIL CO	16720 MONTEREY HWY	RCRA-SQG, LUST, SWEEPS UST, HIST UST, CA FID UST,...	Lower	246, 0.047, WNW
A7	VEGA AUTO SALES	16570 CHURCH ST STE	CUPA Listings	Higher	255, 0.048, SE
B8	WORLD OIL MARKETING	16720 MONTEREY RD	UST	Lower	263, 0.050, West
B9	WORLD OIL #52	16720 MONTEREY RD	CERS HAZ WASTE, CERS TANKS, CERS	Lower	263, 0.050, West
B10	WORLD OIL MARKETING	16720 MONTEREY HIGHW	HIST UST, WDS, CIWQS	Lower	263, 0.050, West
B11	WORLD OIL #52	16720 MONTEREY HWY	LUST, HIST LUST	Lower	263, 0.050, West
C12	AIRTRONICS METAL PRO	140 SAN PEDRO AVE	CERS HAZ WASTE, CERS	Higher	526, 0.100, ENE
C13	AIRTONICS METAL PROD	140 SAN PEDRO AVE	RCRA NonGen / NLR	Higher	526, 0.100, ENE
C14	REDTREE PROPERTIES	140 SAN PEDRO AVE	LUST, HIST LUST, CUPA Listings, HAZNET, HIST...	Higher	526, 0.100, ENE
C15	ON THE MARK PRECISIO	195 SAN PEDRO AV C10	CUPA Listings	Higher	557, 0.105, NE
C16	TRI-CAL, INC.	195 SAN PEDRO AVE	SWEEPS UST, CA FID UST	Higher	557, 0.105, NE
C17	CHAPARRAL SIGNS AND	195 SAN PEDRO AV C	CUPA Listings	Higher	557, 0.105, NE
C18	TOWN CATS OF MORGAN	195 SAN PEDRO AVE	RCRA NonGen / NLR	Higher	557, 0.105, NE
C19	AMERICAN MAT & FRAME	195 E SAN PEDRO AVEN	HIST UST, FINDS, CUPA Listings, EMI, CERS	Higher	557, 0.105, NE
C20	CHAPARRAL SIGNS AND	195 SAN PEDRO BLDG C	RCRA NonGen / NLR	Higher	557, 0.105, NE
C21	TRI-CAL, INC.	195 SAN PEDRO AVE	HIST UST	Higher	557, 0.105, NE
C22	CHAPARRAL SIGNS	195 SAN PEDRO AV C	CERS HAZ WASTE	Higher	557, 0.105, NE
D23	LOWERY GENE	16795 S MONTEREY ST	EDR Hist Auto	Lower	560, 0.106, WNW
D24	GOLDEN STATE SUPPLY	16795 MONTEREY ST	RCRA NonGen / NLR	Lower	560, 0.106, WNW
D25	M & H SERVICE	16795 MONTEREY ST	SWEEPS UST, CA FID UST	Lower	560, 0.106, WNW
D26	M & H SERVICE	16795 MONTEREY ST	HIST UST	Lower	560, 0.106, WNW
E27	JOHN L GAWF-SIR SPEE	16500 MONTEREY ST	RCRA NonGen / NLR	Lower	616, 0.117, South
E28	PACIFIC COMMERICAL B	16500 MONTEREY RD ST	RCRA NonGen / NLR	Lower	616, 0.117, South
E29	SIR SPEEDY PRINTING	16500 MONTEREY RD 10	CERS HAZ WASTE, CUPA Listings	Lower	616, 0.117, South
F30	ITTCUSA	120 MAST ST	CUPA Listings	Higher	702, 0.133, SE
F31	ITALIX COMPANY, INC.	120 MAST ST #1	RCRA-LQG	Higher	702, 0.133, SE
F32	ITALIX COMPANY INC	120 MAST ST # 1	CERS HAZ WASTE, CUPA Listings, CERS	Higher	702, 0.133, SE
F33	SEA-TEK	120 MAST ST 4	CUPA Listings	Higher	702, 0.133, SE
F34	O'BRIEN OLSON INC	120 MAST ST	CUPA Listings	Higher	702, 0.133, SE
G35	FULL THROTTLE GARAGE	16485 CHURCH ST	CUPA Listings	Lower	741, 0.140, SSE
H36	LEONARD COSENTINI	16830 MONTEREY RD	SWEEPS UST, CA FID UST	Higher	794, 0.150, NW
H37	LEONARD COSENTINI	16830 MONTEREY ST	HIST UST	Higher	802, 0.152, NW
H38	UHC MORGAN HILL LP	16830 MONTEREY STREE	RCRA NonGen / NLR	Higher	802, 0.152, NW
F39	JAPAN/EUROPE/USA AUT	16455 CHURCH ST	RCRA NonGen / NLR	Lower	838, 0.159, SSE

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MAPPED SITES SUMMARY

Target Property Address:
16685 CHURCH STREET
MORGAN HILL, CA 95037

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
F40	MADE IN JAPAN-MADE I	16455 CHURCH ST	CUPA Listings	Lower	838, 0.159, SSE
F41	MADE IN JAPAN/MADE I	16455 CHURCH ST	CERS HAZ WASTE, CUPA Listings, CERS	Lower	838, 0.159, SSE
F42	MORGAN HILL AUTO BOD	16455 CHURCH ST C	CERS HAZ WASTE, CUPA Listings, CERS	Lower	838, 0.159, SSE
F43	MORGAN HILL AUTO BOD	16455 CHURCH ST	RCRA NonGen / NLR	Lower	838, 0.159, SSE
F44	AUTOWORKS	16455 CHURCH ST H	CUPA Listings	Lower	838, 0.159, SSE
I45	RA-TEK PRECIS SHEET	195 MAST ST	CUPA Listings	Higher	845, 0.160, ESE
I46	J L CLARK	195 MAST ST	CA FID UST	Higher	845, 0.160, ESE
I47	J L CLARK	195 MAST ST	SWEEPS UST, CA FID UST	Higher	845, 0.160, ESE
I48	CALLIBER COLLISION C	140 MAST ST	RCRA NonGen / NLR	Higher	851, 0.161, ESE
I49	CALIBER COLLISION CE	140 MAST ST	CERS HAZ WASTE, CUPA Listings, CERS	Higher	851, 0.161, ESE
50	KWIK WAY INDUSTRIES	196 SAN PEDRO AVE	RCRA NonGen / NLR	Higher	908, 0.172, ENE
G51	FRED'S EUROPEAN	16415 CHURCH ST	CUPA Listings	Lower	926, 0.175, SE
J52	NO EAST WEST SO MAGN	16890 CHURCH ST 17	CERS HAZ WASTE, CUPA Listings, CERS	Higher	937, 0.177, North
J53	A TOUCH OF COLOR	16890 CHURCH ST	CUPA Listings	Higher	937, 0.177, North
J54	ABM SCALE COMPANY	16890 CHURCH ST #13	CUPA Listings	Higher	937, 0.177, North
J55	HEICK'S CABINET SHOP	16890 CHURCH ST # 12	CUPA Listings	Higher	937, 0.177, North
J56	D AND A SPRAY	16890 CHURCH ST BLDG	RCRA-SQG, FINDS, ECHO, HIST CORTESE	Higher	937, 0.177, North
J57	RAWSON CUSTOM CABINE	16890 CHURCH ST BLDG	RCRA-SQG, EMI, HAZNET	Higher	937, 0.177, North
J58	JBM CUSTOM CABINETS	16890 CHURCH ST 6B	CUPA Listings	Higher	937, 0.177, North
J59	J&J TOOL & DIE	16890 CHURCH ST BUIL	RCRA-SQG, FINDS, ECHO	Higher	937, 0.177, North
J60	CALIFORNIA CABINET	16890 CHURCH ST 12	CUPA Listings	Higher	937, 0.177, North
J61	SOUTH COUNTY INDUSTR	16890 CHURCH ST	CUPA Listings, HAZNET	Higher	937, 0.177, North
J62	JBM CUSTOM CABINETS	16890 CHURCH ST	CERS HAZ WASTE	Higher	937, 0.177, North
J63	RAWSON CUSTOM CABINE	16890 CHURCH ST 1A	CERS HAZ WASTE, CUPA Listings, CERS	Higher	937, 0.177, North
J64	CONCRETE DESIGN	16890 CHURCH ST 10	CUPA Listings	Higher	937, 0.177, North
J65	HCSI MANUFACTURING	16890 CHURCH ST 7	CUPA Listings	Higher	937, 0.177, North
J66	JBM CUSTOM CABINETS,	16890 CHURCH ST BLDG	RCRA NonGen / NLR	Higher	937, 0.177, North
J67	MORGAN HILL SOLID OA	16890 CHURCH ST 15	CUPA Listings	Higher	937, 0.177, North
J68	HCSI DESIGN	16890 CHURCH ST BLDG	CUPA Listings	Higher	937, 0.177, North
H69	PRECISION TUNE AUTO	16860 MONTEREY RD	CERS HAZ WASTE, CUPA Listings, HAZNET, CERS	Higher	989, 0.187, NW
H70	PRECISION TUNE AUTO	16860 MONTEREY RD C	CUPA Listings	Higher	989, 0.187, NW
H71	KAMKORP DBA PRECISIO	16860 MONTEREY RD	RCRA NonGen / NLR	Higher	989, 0.187, NW
I72	A.L.CASTLE,INC. HEAD	190 MAST ST	SWEEPS UST, HIST UST, CA FID UST	Higher	1017, 0.193, ESE
I73	CASTLE VEGTECH INC	190 MAST ST	RCRA-SQG, FINDS, ECHO	Higher	1017, 0.193, ESE
I74	CASTLE A.L. INC	190 MAST	ENVIROSTOR, HIST CORTESE	Higher	1017, 0.193, ESE
I75	A.L.CASTLE,INC. HEAD	190 MAST ST	HIST UST	Higher	1017, 0.193, ESE
K76	GENERAL TELEPHONE	16280 CHURCH ST	HIST UST, CHMIRS, HAZNET	Higher	1080, 0.205, SE
K77	FRONTIER CALIFORNIA	16280 CHURCH ST	CERS HAZ WASTE, CUPA Listings, HAZNET, CERS	Higher	1080, 0.205, SE
K78	FRONTIER CALIFORNIA	16280 CHURCH ST	RCRA-SQG	Higher	1080, 0.205, SE

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MAPPED SITES SUMMARY

Target Property Address:
16685 CHURCH STREET
MORGAN HILL, CA 95037

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
K79	GENERAL TELEPHONE	16280 CHURCH ST	SWEEPS UST, CA FID UST	Higher	1080, 0.205, SE
L80	NEMATOLLAH GHASSEMKH	16380 MONTEREY HWY	LUST, HIST CORTESE, CERS	Lower	1092, 0.207, South
M81	VILLA CIOLINO	16873 MONTEREY ROAD	LUST, CERS	Higher	1094, 0.207, NW
N82	GREIF PACKAGING LLC	235 SAN PEDRO	RCRA NonGen / NLR	Higher	1113, 0.211, NE
N83	GREIF PACKAGING LLC	235 SAN PEDRO AV	CERS HAZ WASTE, CERS	Higher	1113, 0.211, NE
N84	GREIF PACKAGING LLC	235 SAN PEDRO AVE.	SWEEPS UST, HIST UST, CA FID UST, CUPA Listings,...	Higher	1113, 0.211, NE
85	ALEX CASTANEDA	185 FOOTHILL COURT	RCRA NonGen / NLR	Higher	1121, 0.212, WSW
L86	COMMUNITY CHIROPRACT	16375 MONTEREY RD B	CUPA Listings	Lower	1163, 0.220, South
L87	BELLISTRI CHIROPRACT	16360 MONTEREY RD	CUPA Listings	Lower	1167, 0.221, South
88	SPIRIT RD OILS	16490 VINEYARD BLVD	CHMIRS, CUPA Listings, WDS, CIWQS, CERS	Higher	1197, 0.227, ESE
M89	COSMOPROF SUPPLY	16895 S MONTEREY ST	CUPA Listings	Higher	1211, 0.229, NW
90	EAH PARK PLACE LP DB	16480 DEL MONTE AVE	RCRA NonGen / NLR	Higher	1307, 0.248, SW
91	KATHY GRATTAN	190 MANOR CT.	RCRA NonGen / NLR	Higher	1312, 0.248, West
O92	CASTLE VEGTECH	16470 VINEYARD BLVD.	CPS-SLIC	Higher	1506, 0.285, ESE
O93	CASTLE VEGTECH	16470 VINEYARD BLVD	CPS-SLIC, ENF, CIWQS, CERS	Higher	1506, 0.285, ESE
P94	DON LOVE EXXON	16990 MONTEREY RD	LUST, HIST LUST, CERS	Higher	1538, 0.291, NW
P95	MORGAN HILL DISCOUNT	16990 MONTEREY RD	LUST, DRYCLEANERS, HIST CORTESE	Higher	1538, 0.291, NW
Q96	SABEK GAS STATION	16270 MONTEREY ROAD	LUST, Cortese, HIST CORTESE, CERS	Lower	1641, 0.311, SSE
Q97	SABEK GAS STATION	16270 MONTEREY RD	LUST, HIST LUST, HIST UST	Lower	1641, 0.311, SSE
98	HENDRIX PROPERTY	150 DUNNE	HIST CORTESE	Higher	1687, 0.320, North
P99	BP FACILITY #11224	16995 MONTEREY RD	LUST, HIST LUST	Higher	1699, 0.322, NW
P100	BP FACILITY #11224	16995 MONTEREY	LUST, Cortese, CUPA Listings, HIST CORTESE, CERS	Higher	1699, 0.322, NW
R101	KWIK SERVE GAS & AUT	17015 MONTEREY RD	LUST, HIST LUST, CUPA Listings, CERS	Higher	1840, 0.348, NW
R102	DON LOVE AUTO	17090 MONTEREY HWY	LUST, HIST LUST, HIST CORTESE, CERS	Higher	1961, 0.371, NW
S103	MORGAN HILL CORPORAT	105 EDES CT	LUST, HIST LUST	Lower	2017, 0.382, SSE
S104	MORGAN HILL UNIFIED	105 EDES CRT	LUST, CHMIRS, NPDES, CIWQS, CERS	Lower	2017, 0.382, SSE
T105	MASON ELECTRIC (RHIN	70 E 4TH ST	LUST, HIST LUST, CERS	Higher	2543, 0.482, NNW
106	COSMO LANE	BEHIND CANDY PARK	Notify 65	Lower	2559, 0.485, South
T107	RHINO GYM	70 4TH	HIST CORTESE	Higher	2602, 0.493, NNW
108	BAS PRECISION SHEET	16170 JAQUELINE CT	ENVIROSTOR	Lower	2637, 0.499, ESE
109	FRANK'S AUTO SERVICE	16250 RAILROAD AV	ENVIROSTOR, CUPA Listings	Lower	2658, 0.503, ESE
T110	SUNSWEET	91 EAST 4TH STREET	ENVIROSTOR	Higher	2683, 0.508, NNW
111	ALL SENSORS INC	16035 VINEYARD BL	ENVIROSTOR, CERS HAZ WASTE, CUPA Listings, CERS	Lower	2683, 0.508, SE
112	JACKSON FAMILY TRUST	235 TENNANT AVENUE	ENVIROSTOR	Lower	2947, 0.558, SE
113	JOLEEN WAY GROUNDWAT	S. END OF JOLEEN WAY	ENVIROSTOR	Higher	3201, 0.606, NE
114	A FRENCH CLEANER	602 TENNANT STATION	ENVIROSTOR, VCP, DRYCLEANERS, EMI, CERS	Lower	4030, 0.763, ESE
115	BARRETT AVENUE ELEME	895 BARRETT AVENUE	ENVIROSTOR, SCH	Higher	4263, 0.807, East

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EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ..... Federal Facility Site Information listing
SEMS ..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-CESQG ..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS ..... Land Use Control Information System
US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls

Federal ERNS list

ERNS ..... Emergency Response Notification System

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EXECUTIVE SUMMARY

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
AST..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties
INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database
SWRCY..... Recycler Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
CDL..... Clandestine Drug Labs
Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... National Clandestine Laboratory Register
PFAS..... PFAS Contamination Site Location Listing

Local Land Records

LIENS..... Environmental Liens Listing

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LIENS 2	CERCLA Lien Information
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
ECHO	Enforcement & Compliance History Information
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing

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EXECUTIVE SUMMARY

HAZNET	Facility and Manifest Data
ICE	ICE
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
HAZMAT	Hazardous Material Facilities
UIC	UIC Listing
UIC GEO	UIC GEO (GEOTRACKER)
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
PROJECT	PROJECT (GEOTRACKER)
WDR	Waste Discharge Requirements Listing
CIWQS	California Integrated Water Quality System
CERS	CERS
NON-CASE INFO	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	Recovered Government Archive Solid Waste Facilities List
RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

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EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ITALIX COMPANY, INC. EPA ID:: CAR000275867	120 MAST ST #1	SE 1/8 - 1/4 (0.133 mi.)	F31	138

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 6 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
D AND A SPRAY EPA ID:: CAR000011023	***16890 CHURCH ST BLDG***	***N 1/8 - 1/4 (0.177 mi.)***	***J56***	***183***
RAWSON CUSTOM CABINE EPA ID:: CAR000081265	***16890 CHURCH ST BLDG***	***N 1/8 - 1/4 (0.177 mi.)***	***J57***	***185***
J&J TOOL & DIE EPA ID:: CAD981981772	***16890 CHURCH ST BUIL***	***N 1/8 - 1/4 (0.177 mi.)***	***J59***	***194***
CASTLE VEGTECH INC EPA ID:: CAD028714640	***190 MAST ST***	***ESE 1/8 - 1/4 (0.193 mi.)***	***I73***	***236***
FRONTIER CALIFORNIA EPA ID:: CAR000084269	16280 CHURCH ST	SE 1/8 - 1/4 (0.205 mi.)	K78	248

Lower Elevation	Address	Direction / Distance	Map ID	Page
WORLD OIL CO EPA ID:: CAD981160724	***16720 MONTEREY HWY***	***WNW 0 - 1/8 (0.047 mi.)***	***B6***	***21***

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EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 04/29/2019 has revealed that there are 9 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CASTLE A.L. INC Facility Id: 43510004 Status: Refer: RWQCB	***190 MAST***	***ESE 1/8 - 1/4 (0.193 mi.)***	***I74***	***237***
SUNSWEET Facility Id: 43200019 Status: Refer: Other Agency	91 EAST 4TH STREET	NNW 1/2 - 1 (0.508 mi.)	T110	375
JOLEEN WAY GROUNDWAT Facility Id: 43950010 Status: Refer: RWQCB	S. END OF JOLEEN WAY	NE 1/2 - 1 (0.606 mi.)	113	388
BARRETT AVENUE ELEME Facility Id: 43010020 Status: Certified	***895 BARRETT AVENUE***	***E 1/2 - 1 (0.807 mi.)***	***115***	***406***

Lower Elevation	Address	Direction / Distance	Map ID	Page
BAS PRECISION SHEET Facility Id: 71003139 Status: Inactive - Needs Evaluation	16170 JAQUELINE CT	ESE 1/4 - 1/2 (0.499 mi.)	108	372
FRANK'S AUTO SERVICE Facility Id: 43340081 Status: Refer: Other Agency	***16250 RAILROAD AV***	***ESE 1/2 - 1 (0.503 mi.)***	***109***	***373***
ALL SENSORS INC Facility Id: 71002906 Status: No Further Action	***16035 VINEYARD BL***	***SE 1/2 - 1 (0.508 mi.)***	***111***	***376***
JACKSON FAMILY TRUST Facility Id: 71002096 Status: Certified	235 TENNANT AVENUE	SE 1/2 - 1 (0.558 mi.)	112	387
A FRENCH CLEANER Facility Id: 60000130 Status: Certified	***602 TENNANT STATION***	***ESE 1/2 - 1 (0.763 mi.)***	***114***	***389***

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EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 16 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REDTREE PROPERTIES	***140 SAN PEDRO AVE***	***ENE 0 - 1/8 (0.100 mi.)***	***C14***	***99***
Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 3, Date of Government Version: 05/19/2003 Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014 Status: Completed - Case Closed Status: Case Closed Date Closed: 11/12/1993 Global Id: T0608526086 SCVWD ID: 09S3E28K01F Global ID: T0608526086				
VILLA CIOLINO	***16873 MONTEREY ROAD***	***NW 1/8 - 1/4 (0.207 mi.)***	***M81***	***255***
Database: LUST, Date of Government Version: 12/10/2018 Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014 Status: Completed - Case Closed Date Closed: 11/23/2011 Global Id: T0608566519 SCVWD ID: 09S3E28F05F				
DON LOVE EXXON	***16990 MONTEREY RD***	***NW 1/4 - 1/2 (0.291 mi.)***	***P94***	***303***
Database: LUST REG 3, Date of Government Version: 05/19/2003 Status: Case Closed Global ID: T0608569527				
MORGAN HILL DISCOUNT	***16990 MONTEREY RD***	***NW 1/4 - 1/2 (0.291 mi.)***	***P95***	***305***
Database: LUST, Date of Government Version: 12/10/2018 Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014 Status: Completed - Case Closed Date Closed: 04/29/1994 Global Id: T0608569527 SCVWD ID: 09S3E28F04F				
BP FACILITY #11224	***16995 MONTEREY RD***	***NW 1/4 - 1/2 (0.322 mi.)***	***P99***	***326***
Database: LUST REG 3, Date of Government Version: 05/19/2003 Status: Pollution Characterization Global ID: T0608519223				
BP FACILITY #11224	***16995 MONTEREY***	***NW 1/4 - 1/2 (0.322 mi.)***	***P100***	***328***
Database: LUST, Date of Government Version: 12/10/2018 Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014 Status: Open - Verification Monitoring Global Id: T0608519223 SCVWD ID: 09S3E28F01F				
KWIK SERVE GAS & AUT	***17015 MONTEREY RD***	***NW 1/4 - 1/2 (0.348 mi.)***	***R101***	***339***
Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST REG 3, Date of Government Version: 05/19/2003 Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014				

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Status: Completed - Case Closed
Status: Case Closed
Date Closed: 06/19/2006
Date Closed: 06/27/1996
Global Id: T0608500036
Global Id: T0608543406
SCVWD ID: 09S3E28C03F
SCVWD ID: 09S3E28F02F
Global ID: T0608500036

DON LOVE AUTO ***17090 MONTEREY HWY*** ***NW 1/4 - 1/2 (0.371 mi.)*** ***R102*** ***346***
Database: LUST, Date of Government Version: 12/10/2018
Database: LUST REG 3, Date of Government Version: 05/19/2003
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014
Status: Completed - Case Closed
Status: Case Closed
Date Closed: 01/05/1998
Global Id: T0608515837
SCVWD ID: 09S3E28C01F
Global ID: T0608515837

MASON ELECTRIC (RHIN ***70 E 4TH ST*** ***NNW 1/4 - 1/2 (0.482 mi.)*** ***T105*** ***368***
Database: LUST, Date of Government Version: 12/10/2018
Database: LUST REG 3, Date of Government Version: 05/19/2003
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014
Status: Completed - Case Closed
Status: Case Closed
Date Closed: 07/09/1996
Global Id: T0608503355
SCVWD ID: 09S3E28C02F
Global ID: T0608503355

Lower Elevation	Address	Direction / Distance	Map ID	Page
WORLD OIL CO	***16720 MONTEREY HWY***	***WNW 0 - 1/8 (0.047 mi.)***	***B6***	***21***

Database: LUST, Date of Government Version: 12/10/2018
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014
Status: Completed - Case Closed
Global Id: T0608502184
SCVWD ID: 09S3E28L01F

WORLD OIL #52 ***16720 MONTEREY HWY*** ***W 0 - 1/8 (0.050 mi.)*** ***B11*** ***89***
Database: LUST REG 3, Date of Government Version: 05/19/2003
Status: Pollution Characterization
Global ID: T0608502184

NEMATOLLAH GHASSEMKH ***16380 MONTEREY HWY*** ***S 1/8 - 1/4 (0.207 mi.)*** ***L80*** ***252***
Database: LUST, Date of Government Version: 12/10/2018
Database: LUST REG 3, Date of Government Version: 05/19/2003
Status: Completed - Case Closed
Status: Case Closed
Global Id: T0608502163
Global ID: T0608502163

SABEK GAS STATION ***16270 MONTEREY ROAD*** ***SSE 1/4 - 1/2 (0.311 mi.)*** ***Q96*** ***308***
Database: LUST, Date of Government Version: 12/10/2018
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014
Status: Open - Verification Monitoring

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Global Id: T0608578682
SCVWD ID: 09S3E28Q01F

SABEK GAS STATION ***16270 MONTEREY RD*** ***SSE 1/4 - 1/2 (0.311 mi.)*** ***Q97*** ***324***
Database: LUST REG 3, Date of Government Version: 05/19/2003
Status: Pollution Characterization
Global ID: T0608578682

MORGAN HILL CORPORAT ***105 EDES CT*** ***SSE 1/4 - 1/2 (0.382 mi.)*** ***S103*** ***350***
Database: LUST REG 3, Date of Government Version: 05/19/2003
Status: Preliminary site assessment underway
Global ID: T0608500041

MORGAN HILL UNIFIED ***105 EDES CRT*** ***SSE 1/4 - 1/2 (0.382 mi.)*** ***S104*** ***351***
Database: LUST, Date of Government Version: 12/10/2018
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014
Status: Completed - Case Closed
Global Id: T0608500041
SCVWD ID: 09S3E33B01F

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 2 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CASTLE VEGTECH	16470 VINEYARD BLVD.	ESE 1/4 - 1/2 (0.285 mi.)	O92	293
Database: SLIC REG 3, Date of Government Version: 05/18/2006				
Facility Status: Remedial Action Plan Underway/Ongoing				
CASTLE VEGTECH	***16470 VINEYARD BLVD***	***ESE 1/4 - 1/2 (0.285 mi.)***	***O93***	***294***
Database: CPS-SLIC, Date of Government Version: 12/10/2018				
Facility Status: Open - Assessment & Interim Remedial Action				
Global Id: SL0608727312				

HIST LUST: A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

A review of the HIST LUST list, as provided by EDR, and dated 03/29/2005 has revealed that there are 9 HIST LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REDTREE PROPERTIES	***140 SAN PEDRO AVE***	***ENE 0 - 1/8 (0.100 mi.)***	***C14***	***99***
SCVWD ID: 09S3E28K01				
DON LOVE EXXON	***16990 MONTEREY RD***	***NW 1/4 - 1/2 (0.291 mi.)***	***P94***	***303***
SCVWD ID: 09S3E28F04				
BP FACILITY #11224	***16995 MONTEREY RD***	***NW 1/4 - 1/2 (0.322 mi.)***	***P99***	***326***
SCVWD ID: 09S3E28F01				
KWIK SERVE GAS & AUT	***17015 MONTEREY RD***	***NW 1/4 - 1/2 (0.348 mi.)***	***R101***	***339***

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SCVWD ID: 09S3E28C03 SCVWD ID: 09S3E28F02				
DON LOVE AUTO SCVWD ID: 09S3E28C01	***17090 MONTEREY HWY***	***NW 1/4 - 1/2 (0.371 mi.)***	***R102***	***346***
MASON ELECTRIC (RHIN SCVWD ID: 09S3E28C02	***70 E 4TH ST***	***NNW 1/4 - 1/2 (0.482 mi.)***	***T105***	***368***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WORLD OIL #52 SCVWD ID: 09S3E28L01	***16720 MONTEREY HWY***	***W 0 - 1/8 (0.050 mi.)***	***B11***	***89***
SABEK GAS STATION SCVWD ID: 09S3E28Q01	***16270 MONTEREY RD***	***SSE 1/4 - 1/2 (0.311 mi.)***	***Q97***	***324***
MORGAN HILL CORPORAT SCVWD ID: 09S3E33B01	***105 EDES CT***	***SSE 1/4 - 1/2 (0.382 mi.)***	***S103***	***350***

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State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
U.S. POST OFFICE Database: UST, Date of Government Version: 12/10/2018 Facility Id: 78	16600 MONTEREY RD	SW 0 - 1/8 (0.045 mi.)	4	21
WORLD OIL MARKETING Database: UST, Date of Government Version: 12/10/2018 Facility Id: FA0266738 Facility Id: 79	16720 MONTEREY RD	W 0 - 1/8 (0.050 mi.)	B8	43

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 04/09/2019 has revealed that there are 15 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONTEREY AUTO SERVIC	***16670 CHURCH ST***	***ESE 0 - 1/8 (0.021 mi.)***	***A1***	***8***
AIRTRONICS METAL PRO	***140 SAN PEDRO AVE***	***ENE 0 - 1/8 (0.100 mi.)***	***C12***	***90***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHAPARRAL SIGNS	195 SAN PEDRO AV C	NE 0 - 1/8 (0.105 mi.)	C22	126
ITALIX COMPANY INC	***120 MAST ST # 1***	***SE 1/8 - 1/4 (0.133 mi.)***	***F32***	***140***
CALIBER COLLISION CE	***140 MAST ST***	***ESE 1/8 - 1/4 (0.161 mi.)***	***I49***	***171***
NO EAST WEST SO MAGN	***16890 CHURCH ST 17***	***N 1/8 - 1/4 (0.177 mi.)***	***J52***	***177***
JBM CUSTOM CABINETS	16890 CHURCH ST	N 1/8 - 1/4 (0.177 mi.)	J62	198
RAWSON CUSTOM CABINE	***16890 CHURCH ST 1A***	***N 1/8 - 1/4 (0.177 mi.)***	***J63***	***200***
PRECISION TUNE AUTO	***16860 MONTEREY RD***	***NW 1/8 - 1/4 (0.187 mi.)***	***H69***	***211***
FRONTIER CALIFORNIA	***16280 CHURCH ST***	***SE 1/8 - 1/4 (0.205 mi.)***	***K77***	***243***
GREIF PACKAGING LLC	***235 SAN PEDRO AV***	***NE 1/8 - 1/4 (0.211 mi.)***	***N83***	***263***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WORLD OIL #52	***16720 MONTEREY RD***	***W 0 - 1/8 (0.050 mi.)***	***B9***	***43***
SIR SPEEDY PRINTING	***16500 MONTEREY RD 10***	***S 0 - 1/8 (0.117 mi.)***	***E29***	***136***
MADE IN JAPAN/MADE I	***16455 CHURCH ST***	***SSE 1/8 - 1/4 (0.159 mi.)***	***F41***	***154***
MORGAN HILL AUTO BOD	***16455 CHURCH ST C***	***SSE 1/8 - 1/4 (0.159 mi.)***	***F42***	***163***

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Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 8 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TRI-CAL, INC. Status: A Tank Status: A Comp Number: 20278	***195 SAN PEDRO AVE***	***NE 0 - 1/8 (0.105 mi.)***	***C16***	***112***
LEONARD COSENTINI Comp Number: 55158	***16830 MONTEREY RD***	***NW 1/8 - 1/4 (0.150 mi.)***	***H36***	***149***
J L CLARK Status: A Tank Status: A Comp Number: 66668	***195 MAST ST***	***ESE 1/8 - 1/4 (0.160 mi.)***	***I47***	***168***
A.L.CASTLE,INC. HEAD Comp Number: 19186	***190 MAST ST***	***ESE 1/8 - 1/4 (0.193 mi.)***	***I72***	***234***
GENERAL TELEPHONE Status: A Tank Status: A Comp Number: 12920	***16280 CHURCH ST***	***SE 1/8 - 1/4 (0.205 mi.)***	***K79***	***250***
GREIF PACKAGING LLC Status: A Tank Status: A Comp Number: 4359	***235 SAN PEDRO AVE.***	***NE 1/8 - 1/4 (0.211 mi.)***	***N84***	***271***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WORLD OIL CO	***16720 MONTEREY HWY***	***WNW 0 - 1/8 (0.047 mi.)***	***B6***	***21***

Status: A Tank Status: A Comp Number: 13736				
M & H SERVICE Comp Number: 24952	***16795 MONTEREY ST***	***WNW 0 - 1/8 (0.106 mi.)***	***D25***	***130***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 10 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN MAT & FRAME	***195 E SAN PEDRO AVEN***	***NE 0 - 1/8 (0.105 mi.)***	***C19***	***119***
TRI-CAL, INC. Facility Id: 00000020278	195 SAN PEDRO AVE	NE 0 - 1/8 (0.105 mi.)	C21	125
LEONARD COSENTINI Facility Id: 00000055158	16830 MONTEREY ST	NW 1/8 - 1/4 (0.152 mi.)	H37	151
A.L.CASTLE,INC. HEAD	***190 MAST ST***	***ESE 1/8 - 1/4 (0.193 mi.)***	***I72***	***234***
A.L.CASTLE,INC. HEAD Facility Id: 00000019186	190 MAST ST	ESE 1/8 - 1/4 (0.193 mi.)	I75	239
GENERAL TELEPHONE Facility Id: 00000012920	***16280 CHURCH ST***	***SE 1/8 - 1/4 (0.205 mi.)***	***K76***	***239***
GREIF PACKAGING LLC Facility Id: 00000004359	***235 SAN PEDRO AVE.***	***NE 1/8 - 1/4 (0.211 mi.)***	***N84***	***271***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WORLD OIL CO Facility Id: 00000013736	***16720 MONTEREY HWY***	***WNW 0 - 1/8 (0.047 mi.)***	***B6***	***21***
WORLD OIL MARKETING	***16720 MONTEREY HIGHW***	***W 0 - 1/8 (0.050 mi.)***	***B10***	***87***
M & H SERVICE Facility Id: 00000024952	16795 MONTEREY ST	WNW 0 - 1/8 (0.106 mi.)	D26	132

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 9 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TRI-CAL, INC. Facility Id: 43010833 Status: A Status: I	***195 SAN PEDRO AVE***	***NE 0 - 1/8 (0.105 mi.)***	***C16***	***112***
LEONARD COSENTINI Facility Id: 43011909 Status: I	***16830 MONTEREY RD***	***NW 1/8 - 1/4 (0.150 mi.)***	***H36***	***149***
J L CLARK	195 MAST ST	ESE 1/8 - 1/4 (0.160 mi.)	I46	168

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Facility Id: 49003656 Status: A				
J L CLARK Facility Id: 43002965 Status: A	***195 MAST ST***	***ESE 1/8 - 1/4 (0.160 mi.)***	***I47***	***168***
A.L.CASTLE,INC. HEAD Facility Id: 43002549 Status: I	***190 MAST ST***	***ESE 1/8 - 1/4 (0.193 mi.)***	***I72***	***234***
GENERAL TELEPHONE Facility Id: 43004955 Status: A	***16280 CHURCH ST***	***SE 1/8 - 1/4 (0.205 mi.)***	***K79***	***250***
GREIF PACKAGING LLC Facility Id: 43005487 Status: A	***235 SAN PEDRO AVE.***	***NE 1/8 - 1/4 (0.211 mi.)***	***N84***	***271***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WORLD OIL CO Facility Id: 43001619 Status: A	***16720 MONTEREY HWY***	***WNW 0 - 1/8 (0.047 mi.)***	***B6***	***21***
M & H SERVICE Facility Id: 43008049 Status: I	***16795 MONTEREY ST***	***WNW 0 - 1/8 (0.106 mi.)***	***D25***	***130***

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 04/09/2019 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WORLD OIL #52	***16720 MONTEREY RD***	***W 0 - 1/8 (0.050 mi.)***	***B9***	***43***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that there are 17 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AIRTONICS METAL PROD EPA ID:: CAL000403293	140 SAN PEDRO AVE	ENE 0 - 1/8 (0.100 mi.)	C13	98
TOWN CATS OF MORGAN	195 SAN PEDRO AVE	NE 0 - 1/8 (0.105 mi.)	C18	117

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EPA ID:: CAL000437461				
CHAPARRAL SIGNS AND EPA ID:: CAL000437705	195 SAN PEDRO BLDG C	NE 0 - 1/8 (0.105 mi.)	C20	124
UHC MORGAN HILL LP EPA ID:: CAC002980593	16830 MONTEREY STREE	NW 1/8 - 1/4 (0.152 mi.)	H38	151
CALLIBER COLLISION C EPA ID:: CAL000440399	140 MAST ST	ESE 1/8 - 1/4 (0.161 mi.)	I48	170
KWIK WAY INDUSTRIES EPA ID:: CAL000383728	196 SAN PEDRO AVE	ENE 1/8 - 1/4 (0.172 mi.)	50	175
JBM CUSTOM CABINETS, EPA ID:: CAL000301117	16890 CHURCH ST BLDG	N 1/8 - 1/4 (0.177 mi.)	J66	209
KAMKORP DBA PRECISIO EPA ID:: CAL000430577	16860 MONTEREY RD	NW 1/8 - 1/4 (0.187 mi.)	H71	233
GREIF PACKAGING LLC EPA ID:: CAD981665797	235 SAN PEDRO	NE 1/8 - 1/4 (0.211 mi.)	N82	262
ALEX CASTANEDA EPA ID:: CAC002988099	185 FOOTHILL COURT	WSW 1/8 - 1/4 (0.212 mi.)	85	284
EAH PARK PLACE LP DB EPA ID:: CAL000437444	16480 DEL MONTE AVE	SW 1/8 - 1/4 (0.248 mi.)	90	291
KATHY GRATTAN EPA ID:: CAC002983847	190 MANOR CT.	W 1/8 - 1/4 (0.248 mi.)	91	292

Lower Elevation	Address	Direction / Distance	Map ID	Page
GOLDEN STATE SUPPLY EPA ID:: CAL000403061	16795 MONTEREY ST	WNW 0 - 1/8 (0.106 mi.)	D24	128
JOHN L GAWF-SIR SPEE EPA ID:: CAL000319849	16500 MONTEREY ST	S 0 - 1/8 (0.117 mi.)	E27	133
PACIFIC COMMERICAL B EPA ID:: CAL000441827	16500 MONTEREY RD ST	S 0 - 1/8 (0.117 mi.)	E28	134
JAPAN/EUROPE/USA AUT EPA ID:: CAL000327857	16455 CHURCH ST	SSE 1/8 - 1/4 (0.159 mi.)	F39	152
MORGAN HILL AUTO BOD EPA ID:: CAL000177012	16455 CHURCH ST	SSE 1/8 - 1/4 (0.159 mi.)	F43	166

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 03/25/2019 has revealed that there are 2 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BP FACILITY #11224 Cleanup Status: OPEN - VERIFICATION MONITORING	***16995 MONTEREY***	***NW 1/4 - 1/2 (0.322 mi.)***	***P100***	***328***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SABEK GAS STATION	***16270 MONTEREY ROAD***	***SSE 1/4 - 1/2 (0.311 mi.)***	***Q96***	***308***

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Cleanup Status: OPEN - VERIFICATION MONITORING

CUPA Listings: A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 41 CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONTEREY AUTO SERVIC	***16670 CHURCH ST***	***ESE 0 - 1/8 (0.021 mi.)***	***A1***	***8***
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
MONTEREY AUTO SERVIC	***16670 CHURCH ST***	***ESE 0 - 1/8 (0.021 mi.)***	***A3***	***19***
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
VEGA AUTO SALES	16570 CHURCH ST STE	SE 0 - 1/8 (0.048 mi.)	A7	42
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
REDTREE PROPERTIES	***140 SAN PEDRO AVE***	***ENE 0 - 1/8 (0.100 mi.)***	***C14***	***99***
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
ON THE MARK PRECISIO	195 SAN PEDRO AV C10	NE 0 - 1/8 (0.105 mi.)	C15	111
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
CHAPARRAL SIGNS AND	195 SAN PEDRO AV C	NE 0 - 1/8 (0.105 mi.)	C17	117
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
AMERICAN MAT & FRAME	***195 E SAN PEDRO AVEN***	***NE 0 - 1/8 (0.105 mi.)***	***C19***	***119***
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
ITTCUSA	120 MAST ST	SE 1/8 - 1/4 (0.133 mi.)	F30	137
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
ITALIX COMPANY INC	***120 MAST ST # 1***	***SE 1/8 - 1/4 (0.133 mi.)***	***F32***	***140***
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
SEA-TEK	120 MAST ST 4	SE 1/8 - 1/4 (0.133 mi.)	F33	148
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
O'BRIEN OLSON INC	120 MAST ST	SE 1/8 - 1/4 (0.133 mi.)	F34	149
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
RA-TEK PRECIS SHEET	195 MAST ST	ESE 1/8 - 1/4 (0.160 mi.)	I45	168
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
CALIBER COLLISION CE	***140 MAST ST***	***ESE 1/8 - 1/4 (0.161 mi.)***	***I49***	***171***
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
NO EAST WEST SO MAGN	***16890 CHURCH ST 17***	***N 1/8 - 1/4 (0.177 mi.)***	***J52***	***177***
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
A TOUCH OF COLOR	16890 CHURCH ST	N 1/8 - 1/4 (0.177 mi.)	J53	182
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
ABM SCALE COMPANY	16890 CHURCH ST #13	N 1/8 - 1/4 (0.177 mi.)	J54	182
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
HEICK'S CABINET SHOP	16890 CHURCH ST # 12	N 1/8 - 1/4 (0.177 mi.)	J55	182
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
JBM CUSTOM CABINETS	16890 CHURCH ST 6B	N 1/8 - 1/4 (0.177 mi.)	J58	194
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
CALIFORNIA CABINET	16890 CHURCH ST 12	N 1/8 - 1/4 (0.177 mi.)	J60	196
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				

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EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTH COUNTY INDUSTR	***16890 CHURCH ST***	***N 1/8 - 1/4 (0.177 mi.)***	***J61***	***196***
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
RAWSON CUSTOM CABINE	***16890 CHURCH ST 1A***	***N 1/8 - 1/4 (0.177 mi.)***	***J63***	***200***
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
CONCRETE DESIGN	16890 CHURCH ST 10	N 1/8 - 1/4 (0.177 mi.)	J64	208
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
HCSI MANUFACTURING	16890 CHURCH ST 7	N 1/8 - 1/4 (0.177 mi.)	J65	208
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
MORGAN HILL SOLID OA	16890 CHURCH ST 15	N 1/8 - 1/4 (0.177 mi.)	J67	210
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
HCSI DESIGN	16890 CHURCH ST BLDG	N 1/8 - 1/4 (0.177 mi.)	J68	210
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
PRECISION TUNE AUTO	***16860 MONTEREY RD***	***NW 1/8 - 1/4 (0.187 mi.)***	***H69***	***211***
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
PRECISION TUNE AUTO	16860 MONTEREY RD C	NW 1/8 - 1/4 (0.187 mi.)	H70	232
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
FRONTIER CALIFORNIA	***16280 CHURCH ST***	***SE 1/8 - 1/4 (0.205 mi.)***	***K77***	***243***
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
GREIF PACKAGING LLC	***235 SAN PEDRO AVE.***	***NE 1/8 - 1/4 (0.211 mi.)***	***N84***	***271***
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
SPIRIT RD OILS	***16490 VINEYARD BLVD***	***ESE 1/8 - 1/4 (0.227 mi.)***	***88***	***286***
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
COSMOPROF SUPPLY	16895 S MONTEREY ST	NW 1/8 - 1/4 (0.229 mi.)	M89	291
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				

Lower Elevation	Address	Direction / Distance	Map ID	Page
WORLD OIL CO	***16720 MONTEREY HWY***	***WNW 0 - 1/8 (0.047 mi.)***	***B6***	***21***
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
SIR SPEEDY PRINTING	***16500 MONTEREY RD 10***	***S 0 - 1/8 (0.117 mi.)***	***E29***	***136***
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
FULL THROTTLE GARAGE	16485 CHURCH ST	SSE 1/8 - 1/4 (0.140 mi.)	G35	149
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
MADE IN JAPAN-MADE I	16455 CHURCH ST	SSE 1/8 - 1/4 (0.159 mi.)	F40	154
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
MADE IN JAPAN/MADE I	***16455 CHURCH ST***	***SSE 1/8 - 1/4 (0.159 mi.)***	***F41***	***154***
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
MORGAN HILL AUTO BOD	***16455 CHURCH ST C***	***SSE 1/8 - 1/4 (0.159 mi.)***	***F42***	***163***
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
AUTOWORKS	16455 CHURCH ST H	SSE 1/8 - 1/4 (0.159 mi.)	F44	167
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
FRED'S EUROPEAN	16415 CHURCH ST	SE 1/8 - 1/4 (0.175 mi.)	G51	176
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
COMMUNITY CHIROPRACT	16375 MONTEREY RD B	S 1/8 - 1/4 (0.220 mi.)	L86	285
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				
BELLISTRI CHIROPRACT	16360 MONTEREY RD	S 1/8 - 1/4 (0.221 mi.)	L87	285
Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019				

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EXECUTIVE SUMMARY

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 11 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REDTREE PROPERTIES Reg Id: 2192	***140 SAN PEDRO AVE***	***ENE 0 - 1/8 (0.100 mi.)***	***C14***	***99***
D AND A SPRAY Reg Id: 2580	***16890 CHURCH ST BLDG***	***N 1/8 - 1/4 (0.177 mi.)***	***J56***	***183***
CASTLE A.L. INC Reg Id: 3 432021001	***190 MAST***	***ESE 1/8 - 1/4 (0.193 mi.)***	***I74***	***237***
MORGAN HILL DISCOUNT Reg Id: 587	***16990 MONTEREY RD***	***NW 1/4 - 1/2 (0.291 mi.)***	***P95***	***305***
HENDRIX PROPERTY Reg Id: 2096	150 DUNNE	N 1/4 - 1/2 (0.320 mi.)	98	326
BP FACILITY #11224 Reg Id: 590	***16995 MONTEREY***	***NW 1/4 - 1/2 (0.322 mi.)***	***P100***	***328***
DON LOVE AUTO Reg Id: 586	***17090 MONTEREY HWY***	***NW 1/4 - 1/2 (0.371 mi.)***	***R102***	***346***
RHINO GYM Reg Id: 583	70 4TH	NNW 1/4 - 1/2 (0.493 mi.)	T107	372

Lower Elevation	Address	Direction / Distance	Map ID	Page
WORLD OIL CO Reg Id: 584	***16720 MONTEREY HWY***	***WNW 0 - 1/8 (0.047 mi.)***	***B6***	***21***
NEMATOLLAH GHASSEMKH Reg Id: 449	***16380 MONTEREY HWY***	***S 1/8 - 1/4 (0.207 mi.)***	***L80***	***252***
SABEK GAS STATION Reg Id: 588	***16270 MONTEREY ROAD***	***SSE 1/4 - 1/2 (0.311 mi.)***	***Q96***	***308***

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 03/18/2019 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
COSMO LANE	BEHIND CANDY PARK	S 1/4 - 1/2 (0.485 mi.)	106	372

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EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONTEREY AUTO SVC OF	16670 CHURCH ST	ESE 0 - 1/8 (0.021 mi.)	A2	18

Lower Elevation	Address	Direction / Distance	Map ID	Page
WORLD GAS STATION	16720 MONTEREY ST	WNW 0 - 1/8 (0.047 mi.)	B5	21
LOWERY GENE	16795 S MONTEREY ST	WNW 0 - 1/8 (0.106 mi.)	D23	128

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EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name	Database(s)
FORMER WHITE GASOLINE	CDL LUST

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OVERVIEW MAP - 5725644.2S

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 409000	CLIENT: AEI Consultants
ADDRESS: 16685 Church Street Morgan Hill CA 95037	CONTACT: Lacee Elam
LAT/LONG: 37.1213 / 121.646301	INQUIRY #: 5725644.2s
	DATE: July 23, 2019 3:06 pm

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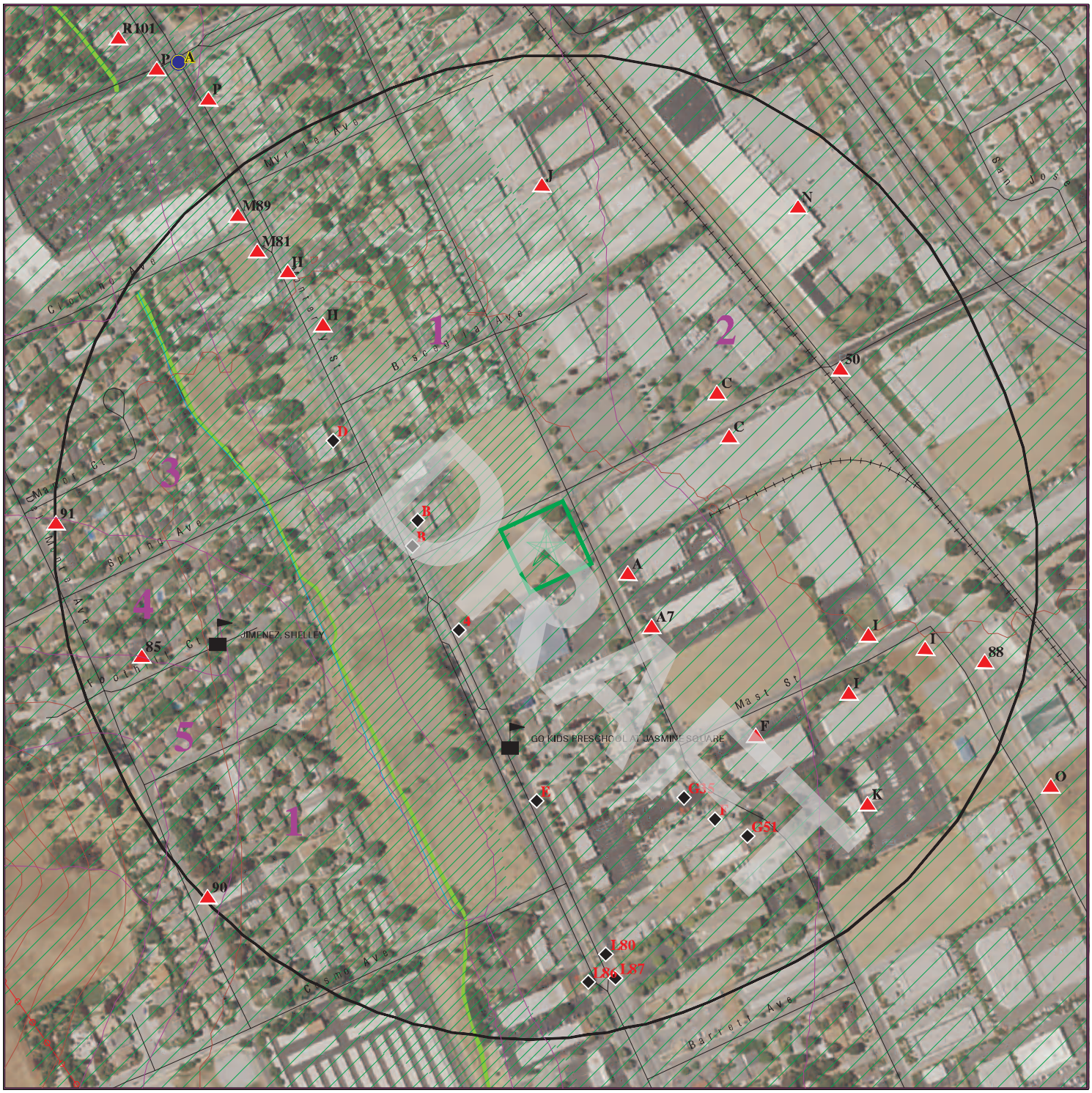
DETAIL MAP - 5725644.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 409000	CLIENT: AEI Consultants
ADDRESS: 16685 Church Street Morgan Hill CA 95037	CONTACT: Lacee Elam
LAT/LONG: 37.1213 / 121.646301	INQUIRY #: 5725644.2s
	DATE: July 23, 2019 3:11 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		1	5	NR	NR	NR	6
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	1	1	7	NR	9
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		3	2	11	NR	NR	16

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	2	NR	NR	2
HIST LUST	0.500		2	0	7	NR	NR	9
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		2	0	NR	NR	NR	2
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		5	10	NR	NR	NR	15
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		3	5	NR	NR	NR	8
HIST UST	0.250		5	5	NR	NR	NR	10
CA FID UST	0.250		3	6	NR	NR	NR	9
CERS TANKS	0.250		1	0	NR	NR	NR	1
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		6	11	NR	NR	NR	17
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	2	NR	NR	2
CUPA Listings	0.250		9	32	NR	NR	NR	41

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		2	3	6	NR	NR	11
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	1	0	NR	1
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		3	NR	NR	NR	NR	3
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	45	81	30	7	0	163

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

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A1 ESE < 1/8 0.021 mi. 111 ft. | **MONTEREY AUTO SERVICE**
16670 CHURCH ST
MORGAN HILL, CA 95037 | **CERS HAZ WASTE**
CUPA Listings
CERS | **S103978274**
N/A

Site 1 of 4 in cluster A

Relative: Higher

Actual: 338 ft.

CERS HAZ WASTE:

Site ID:	49966
CERS ID:	10347121
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	49966
Site Name:	MONTEREY AUTO SERVICE
Violation Date:	02-09-2018
Citation:	40 CFR 1 265.201(c)(5) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(5)
Violation Description:	Failure to inspect hazardous waste tanks for the following, when present: 4) The construction materials of the tank at least weekly to detect corrosion or leaking of fixtures or seams. 5) The construction materials of, and the area immediately surrounding, discharge confinement structures (e.g., dikes) at least weekly to detect erosion or obvious signs of leakage (e.g., wet spots or dead vegetation).
Violation Notes:	Returned to compliance on 03/01/2018. Facility has significant volume of saturated and unsaturated absorbent around entire perimeter of the used oil tank making it impossible to inspect area immediately surrounding the tank. Remove absorbent from around tank and manage saturated absorbent as hazardous waste and collect non saturated absorbent in a container for reuse.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	49966
Site Name:	MONTEREY AUTO SERVICE
Violation Date:	02-09-2018
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Facility generates hazardous waste but has not obtained a owner specific, site specific, state identification number.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	49966
Site Name:	MONTEREY AUTO SERVICE
Violation Date:	02-09-2018
Citation:	HSC 6.5 25189.5(a),25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a),25201(a)
Violation Description:	Failure to dispose of hazardous waste at a facility which has a permit from DTSC or disposing of hazardous waste at any point which is not authorized according to HSC 6.5.
Violation Notes:	Returned to compliance on 02/15/2018. Observed the following items illegally disposed of in the trash: Motor oil in a 1 gallon mobil 1 oil container located in dumpster. Contents inside measured to be 500 ml. 1xnon empty VS7 non chlorinated brake cleaner aerosol (ignitable) in dumpster. Contents estimated to be 1/2 full. 1xnon empty STP tire

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MONTEREY AUTO SERVICE (Continued) **S103978274**

glaze aerosol (ignitable) in trash can in detailing area. Contents estimated to be full. 1xnon empty 643 ml container of Stoner invisible glass cleaner(ignitable FP 66 degrees F) in trash can in detailing area. Contents estimated to container 100ml. 1xnon empty 680 ml container of RainX 2-in-1 glass cleaner (ignitable FP 80 degrees F) in trash can in detailing area. Contents estimated to container 200ml. Gasoline from fuel filters disposed of in used oil.

Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 49966
Site Name: MONTEREY AUTO SERVICE
Violation Date: 02-09-2018
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes: Returned to compliance on 02/15/2018. Observed a non empty brake cleaner aerosol (ignitable), nearly full and accumulated with the drained used oil and gas filters. Separate out aerosol can and manage separately.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 49966
Site Name: MONTEREY AUTO SERVICE
Violation Date: 02-09-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 02/15/2018. Facility has not provided initial or annual training to employees as it relates to a release or threatened release of a hazardous material. Provide this training annually and ensure documentation is retained.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 49966
Site Name: MONTEREY AUTO SERVICE
Violation Date: 02-09-2018
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 02/15/2018. Facility most recently submitted a complete hazardous materials business plan (HMBP) electronically on

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MONTEREY AUTO SERVICE (Continued) **S103978274**

8-3-17 but has not provided updated ownership information. Additionally, change the used oil tank size to actual shell capacity (~800 gallons).

Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 49966
Site Name: MONTEREY AUTO SERVICE
Violation Date: 02-09-2018
Citation: Un-Specified
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General Local Ordinance
Violation Notes: Ownership of facility changed on 12-16-2015 as business became incorporated. A hazardous waste generator permit has not been obtained since change of ownership. Note: management personnel remain the same.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 49966
Site Name: MONTEREY AUTO SERVICE
Violation Date: 02-09-2018
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 03/01/2018. Observed significant volume of used oil saturated absorbent around and under the used oil tank in addition to used oil on and around the surface and sides of the tank. Some free standing oil observed under saturated absorbent and tank belly. IMPROVE PRACTICES WHEN FILLING TANK TO ENSURE HAZARDOUS WASTE GOES INTO TANK AND NOWHERE ELSE.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-09-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility became incorporated on December 16th, 2015. MINOR VIOLATIONS CORRECTED AT TIME OF INSPECTION: 1X800 Gal used oil tank - no accumulation start date. Marked. drained used oil and gas filters - no marking. Marked. 2x used oil dollies - no marking. Marked. NOTE: Facility does not have any overfill prevention mechanisms in place but in practice, the tank is periodically drained by vendor with sufficient frequency to avoid the tank from even reaching half of its capacity. Verified amount of oil on consolidated manifests. Recommend facility obtain a level sensing device or a dipstick to be able to manually verify level prior to pumping oil into tank.
Eval Division: Santa Clara County Environmental Health
Eval Program: HW

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MONTEREY AUTO SERVICE (Continued) **S103978274**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-09-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility became incorporated on December 16th, 2015. Operators are also owner of property
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 49966
Facility Name: MONTEREY AUTO SERVICE
Env Int Type Code: HWG
Program ID: 10347121
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.121250
Longitude: -121.645040

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: MICHAEL Tellez
Entity Title: Not reported
Affiliation Address: 16670 CHURCH ST
Affiliation City: Morgan Hill
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95037
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 16670 CHURCH ST
Affiliation City: MORGAN HILL
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95037
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: JOSE LUIS TELLEZ RAMOS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 776-1113

Affiliation Type Desc: Parent Corporation
Entity Name: MONTEREY AUTO SERVICES, INC.
Entity Title: Not reported

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MONTEREY AUTO SERVICE (Continued) **S103978274**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	Jose Tellez
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 778-3308

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Legal Owner
Entity Name:	RAMOS, JOSE LUIS TELLEZ
Entity Title:	Not reported
Affiliation Address:	16670 CHURCH ST
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95037
Affiliation Phone:	(408) 776-1113

Affiliation Type Desc:	Document Preparer
Entity Name:	MICHAEL TELLEZ
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	MICHAEL Tellez
Entity Title:	CO-OWNER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

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MONTEREY AUTO SERVICE (Continued) **S103978274**

CUPA SANTA CLARA:

Name:	MONTEREY AUTO SERVICE
Address:	16670 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.121333
Longitude:	-121.645617
Record ID:	PR0360308
Facility ID:	FA0250086

Name:	MONTEREY AUTO SERVICE
Address:	16670 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.121333
Longitude:	-121.645617
Record ID:	PR0379044
Facility ID:	FA0258783

CERS:

Name:	MONTEREY AUTO SERVICE
Address:	16670 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	49966
CERS ID:	10347121
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	49966
Site Name:	MONTEREY AUTO SERVICE
Violation Date:	02-09-2018
Citation:	40 CFR 1 265.201(c)(5) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(5)
Violation Description:	Failure to inspect hazardous waste tanks for the following, when present: 4) The construction materials of the tank at least weekly to detect corrosion or leaking of fixtures or seams. 5) The construction materials of, and the area immediately surrounding, discharge confinement structures (e.g., dikes) at least weekly to detect erosion or obvious signs of leakage (e.g., wet spots or dead vegetation).
Violation Notes:	Returned to compliance on 03/01/2018. Facility has significant volume of saturated and unsaturated absorbent around entire perimeter of the used oil tank making it impossible to inspect area immediately surrounding the tank. Remove absorbent from around tank and manage saturated absorbent as hazardous waste and collect non saturated absorbent in a container for reuse.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	49966
Site Name:	MONTEREY AUTO SERVICE
Violation Date:	02-09-2018
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter

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MONTEREY AUTO SERVICE (Continued) **S103978274**

	12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Facility generates hazardous waste but has not obtained a owner specific, site specific, state identification number.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	49966
Site Name:	MONTEREY AUTO SERVICE
Violation Date:	02-09-2018
Citation:	HSC 6.5 25189.5(a),25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a),25201(a)
Violation Description:	Failure to dispose of hazardous waste at a facility which has a permit from DTSC or disposing of hazardous waste at any point which is not authorized according to HSC 6.5.
Violation Notes:	Returned to compliance on 02/15/2018. Observed the following items illegally disposed of in the trash: Motor oil in a 1 gallon mobil 1 oil container located in dumpster. Contents inside measured to be 500 ml. 1xnon empty VS7 non chlorinated brake cleaner aerosol (ignitable) in dumpster. Contents estimated to be 1/2 full. 1xnon empty STP tire glaze aerosol (ignitable) in trash can in detailing area. Contents estimated to be full. 1xnon empty 643 ml container of Stoner invisible glass cleaner(ignitable FP 66 degrees F) in trash can in detailing area. Contents estimated to container 100ml. 1xnon empty 680 ml container of RainX 2-in-1 glass cleaner (ignitable FP 80 degrees F) in trash can in detailing area. Contents estimated to container 200ml. Gasoline from fuel filters disposed of in used oil.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	49966
Site Name:	MONTEREY AUTO SERVICE
Violation Date:	02-09-2018
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 02/15/2018. Observed a non empty brake cleaner aerosol (ignitable), nearly full and accumulated with the drained used oil and gas filters. Separate out aerosol can and manage separately.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	49966
Site Name:	MONTEREY AUTO SERVICE
Violation Date:	02-09-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training

DRAFT

MONTEREY AUTO SERVICE (Continued) **S103978274**

records for a minimum of three years.

Violation Notes: Returned to compliance on 02/15/2018. Facility has not provided initial or annual training to employees as it relates to a release or threatened release of a hazardous material. Provide this training annually and ensure documentation is retained.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 49966
Site Name: MONTEREY AUTO SERVICE
Violation Date: 02-09-2018
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 02/15/2018. Facility most recently submitted a complete hazardous materials business plan (HMBP) electronically on 8-3-17 but has not provided updated ownership information. Additionally, change the used oil tank size to actual shell capacity (~800 gallons).
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 49966
Site Name: MONTEREY AUTO SERVICE
Violation Date: 02-09-2018
Citation: Un-Specified
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General Local Ordinance
Violation Notes: Ownership of facility changed on 12-16-2015 as business became incorporated. A hazardous waste generator permit has not been obtained since change of ownership. Note: management personnel remain the same.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 49966
Site Name: MONTEREY AUTO SERVICE
Violation Date: 02-09-2018
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 03/01/2018. Observed significant volume of used oil saturated absorbent around and under the used oil tank in addition to used oil on and around the surface and sides of the tank. Some free standing oil observed under saturated absorbent and tank

DRAFT

MONTEREY AUTO SERVICE (Continued) **S103978274**

belly. IMPROVE PRACTICES WHEN FILLING TANK TO ENSURE HAZARDOUS WASTE GOES INTO TANK AND NOWHERE ELSE.

Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-09-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility became incorporated on December 16th, 2015. MINOR VIOLATIONS CORRECTED AT TIME OF INSPECTION: 1X800 Gal used oil tank - no accumulation start date. Marked. drained used oil and gas filters - no marking. Marked. 2x used oil dollies - no marking. Marked. NOTE: Facility does not have any overfill prevention mechanisms in place but in practice, the tank is periodically drained by vendor with sufficient frequency to avoid the tank from even reaching half of its capacity. Verified amount of oil on consolidated manifests. Recommend facility obtain a level sensing device or a dipstick to be able to manually verify level prior to pumping oil into tank.
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-09-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility became incorporated on December 16th, 2015. Operators are also owner of property
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Coordinates:

Site ID: 49966
Facility Name: MONTEREY AUTO SERVICE
Env Int Type Code: HWG
Program ID: 10347121
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.121250
Longitude: -121.645040

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: MICHAEL Tellez
Entity Title: Not reported
Affiliation Address: 16670 CHURCH ST
Affiliation City: Morgan Hill
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95037
Affiliation Phone: Not reported

DRAFT

MONTEREY AUTO SERVICE (Continued) **S103978274**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	16670 CHURCH ST
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	JOSE LUIS TELLEZ RAMOS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 776-1113

Affiliation Type Desc:	Parent Corporation
Entity Name:	MONTEREY AUTO SERVICES, INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	Jose Tellez
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 778-3308

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Legal Owner
Entity Name:	RAMOS, JOSE LUIS TELLEZ
Entity Title:	Not reported
Affiliation Address:	16670 CHURCH ST
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	United States

DRAFT

MONTEREY AUTO SERVICE (Continued) **S103978274**

Affiliation Zip:	95037
Affiliation Phone:	(408) 776-1113
Affiliation Type Desc:	Document Preparer
Entity Name:	MICHAEL TELLEZ
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	MICHAEL Tellez
Entity Title:	CO-OWNER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

A2 **MONTEREY AUTO SVC OF MORGAN HL** **EDR Hist Auto** **1020478544**
ESE **16670 CHURCH ST** **N/A**
< 1/8 **MORGAN HILL, CA 95037**
0.021 mi.
111 ft. **Site 2 of 4 in cluster A**

Relative: EDR Hist Auto
Higher

Actual:
338 ft.

Year:	Name:	Type:
1997	MONTEREY AUTO SVC OF MORGAN HL	General Automotive Repair Shops
1998	MONTEREY AUTO SVC OF MORGAN HL	General Automotive Repair Shops
1999	MONTEREY AUTO SVC OF MORGAN HL	General Automotive Repair Shops
2000	MONTEREY AUTO SVC OF MORGAN HL	General Automotive Repair Shops
2001	MONTEREY AUTO SVC OF MORGAN HL	General Automotive Repair Shops
2002	MONTEREY AUTO SVC OF MORGAN HL	General Automotive Repair Shops
2003	MONTEREY AUTO SVC OF MORGAN HL	General Automotive Repair Shops
2003	RITEWAY AUTOMOTIVE	General Automotive Repair Shops
2004	MONTEREY AUTO SVC OF MORGAN HL	General Automotive Repair Shops
2004	RITEWAY AUTOMOTIVE	General Automotive Repair Shops
2004	QUALITY TRANSMISSIONS	Automotive Transmission Repair Shops
2005	MONTEREY AUTO SVC OF MORGAN HL	General Automotive Repair Shops
2005	RITEWAY AUTOMOTIVE	General Automotive Repair Shops
2005	QUALITY TRANSMISSIONS	Automotive Transmission Repair Shops
2006	MONTEREY AUTO SVC OF MORGAN HL	General Automotive Repair Shops
2006	QUALITY TRANSMISSIONS	Automotive Transmission Repair Shops
2006	RITEWAY AUTOMOTIVE	General Automotive Repair Shops
2007	QUALITY TRANSMISSIONS	Automotive Transmission Repair Shops
2007	MONTEREY AUTO SVC OF MORGAN HL	General Automotive Repair Shops
2008	QUALITY TRANSMISSIONS	Automotive Transmission Repair Shops
2008	MONTEREY AUTO SVC OF MORGAN HL	General Automotive Repair Shops
2009	MONTEREY AUTO SVC MRGAN HL INC	General Automotive Repair Shops
2010	MONTEREY AUTO SVC MRGAN HL INC	General Automotive Repair Shops
2011	MONTEREY AUTO SVC MRGAN HL INC	General Automotive Repair Shops
2012	MONTEREY AUTO SVC MRGAN HL INC	General Automotive Repair Shops

DRAFT

MONTEREY AUTO SVC OF MORGAN HL (Continued) **1020478544**

2013	MONTEREY AUTO SVC MRGAN HL INC	General Automotive Repair Shops
2014	MONTEREY AUTO SVC MRGAN HL INC	General Automotive Repair Shops

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A3
ESE
< 1/8
0.021 mi.
111 ft.

MONTEREY AUTO SERVICE OF MORGAN HILL
16670 CHURCH ST
MORGAN HILL, CA 95037

CUPA Listings **S113132332**
HAZNET **N/A**

Site 3 of 4 in cluster A

Relative:
Higher

Actual:
338 ft.

CUPA SANTA CLARA:

Name:	MONTEREY AUTO SERVICES INC
Address:	16670 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.121333
Longitude:	-121.645617
Record ID:	PR0383025
Facility ID:	FA0261215

Name:	MONTEREY AUTO SERVICES INC
Address:	16670 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Latitude:	37.121333
Longitude:	-121.645617
Record ID:	PR0383026
Facility ID:	FA0261215

HAZNET:

Name:	MONTEREY AUTO SERVICE OF MORGAN HILL
Address:	16670 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2006
GEPAID:	CAL000282816
Contact:	RON ENGEBRETSON
Telephone:	4087783308
Mailing Name:	Not reported
Mailing Address:	16670 CHURCH ST
Mailing City,St,Zip:	MORGAN HILL, CA 950370000
Gen County:	Santa Clara
TSD EPA ID:	CAL000190816
TSD County:	Stanislaus
Tons:	2.66
CA Waste Code:	221-Waste oil and mixed oil
Method:	R01-Recycler
Facility County:	Santa Clara

Name:	MONTEREY AUTO SERVICE OF MORGAN HILL
Address:	16670 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2006
GEPAID:	CAL000282816
Contact:	RON ENGEBRETSON

DRAFT

MONTEREY AUTO SERVICE OF MORGAN HILL (Continued) **S113132332**

Telephone:	4087783308
Mailing Name:	Not reported
Mailing Address:	16670 CHURCH ST
Mailing City,St,Zip:	MORGAN HILL, CA 950370000
Gen County:	Santa Clara
TSD EPA ID:	CAL000190816
TSD County:	Stanislaus
Tons:	2.66
CA Waste Code:	221-Waste oil and mixed oil
Method:	R01-Recycler
Facility County:	Santa Clara

Name:	MONTEREY AUTO SERVICE OF MORGAN HILL
Address:	16670 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2005
GEPAID:	CAL000282816
Contact:	RON ENGEBRETSON
Telephone:	4087783308
Mailing Name:	Not reported
Mailing Address:	16670 CHURCH ST
Mailing City,St,Zip:	MORGAN HILL, CA 950370000
Gen County:	Santa Clara
TSD EPA ID:	CAD980884183
TSD County:	Sacramento
Tons:	0.1815
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	H01-Transfer Station
Facility County:	Santa Clara

Name:	MONTEREY AUTO SERVICE OF MORGAN HILL
Address:	16670 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2005
GEPAID:	CAL000282816
Contact:	RON ENGEBRETSON
Telephone:	4087783308
Mailing Name:	Not reported
Mailing Address:	16670 CHURCH ST
Mailing City,St,Zip:	MORGAN HILL, CA 950370000
Gen County:	Santa Clara
TSD EPA ID:	CAD980884183
TSD County:	Sacramento
Tons:	0.1815
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	H01-Transfer Station
Facility County:	Santa Clara

DRAFT

4
SW
< 1/8
0.045 mi.
236 ft.

U.S. POST OFFICE
16600 MONTEREY RD
MORGAN HILL, CA 95037

UST **U003976864**
N/A

Relative:
Lower

Actual:
335 ft.

UST:

Name:	U.S. POST OFFICE
Address:	16600 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 95037
Facility ID:	78
Permitting Agency:	CAMPBELL,CUPERTINO,LOS GATOS,MORGAN HILL
Latitude:	37.1215
Longitude:	-121.64783

B5
WNW
< 1/8
0.047 mi.
246 ft.

WORLD GAS STATION
16720 MONTEREY ST
MORGAN HILL, CA 95037

Site 1 of 6 in cluster B

EDR Hist Auto **1020498081**
N/A

Relative:
Lower

Actual:
336 ft.

EDR Hist Auto

Year:	Name:	Type:
1971	JOES HANCOCK	Gasoline Service Stations
1995	SAROOP SHELL STATION	Gasoline Service Stations
1996	SAROOP SHELL STATION	Gasoline Service Stations
1997	SAROOP SHELL STATION	Gasoline Service Stations
1998	SAROOP SHELL STATION	Gasoline Service Stations
1999	SAROOP SHELL STATION	Gasoline Service Stations
2000	SAROOP SHELL STATION	Gasoline Service Stations
2001	SAROOP SHELL STATION	Gasoline Service Stations
2002	SAROOP SHELL STATION	Gasoline Service Stations
2003	SAROOP SHELL STATION	Gasoline Service Stations
2004	WORLD GAS STATION	Gasoline Service Stations
2005	WORLD GAS STATION	Gasoline Service Stations, NEC
2006	WORLD GAS STATION	Gasoline Service Stations, NEC
2007	WORLD GAS STATION	Gasoline Service Stations, NEC
2008	WORLD GAS STATION	Gasoline Service Stations, NEC
2009	WORLD GAS STATION	Gasoline Service Stations, NEC
2010	WORLD GAS STATION	Gasoline Service Stations, NEC
2011	WORLD GAS STATION	Gasoline Service Stations, NEC
2012	WORLD GAS STATION	Gasoline Service Stations, NEC
2013	WORLD GAS STATION	Gasoline Service Stations, NEC
2014	WORLD GAS STATION	Gasoline Service Stations, NEC

B6
WNW
< 1/8
0.047 mi.
246 ft.

WORLD OIL CO
16720 MONTEREY HWY
MORGAN HILL, CA 95037

Site 2 of 6 in cluster B

RCRA-SQG **1000278394**
LUST **CAD981160724**
SWEEPS UST
HIST UST
CA FID UST
FINDS
ECHO
CUPA Listings
HIST CORTESE
CERS

Relative:
Lower

Actual:
336 ft.

RCRA-SQG:

DRAFT

WORLD OIL CO (Continued) **1000278394**

Date form received by agency:	09/01/1996
Facility name:	WORLD OIL CO
Facility address:	16720 MONTEREY HWY MORGAN HILL, CA 95037
EPA ID:	CAD981160724
Mailing address:	9302 S GARFIELD SOUTH GATE, CA 90280
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	WORLD OIL MARKETING CO #52
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No

DRAFT

WORLD OIL CO (Continued) **1000278394**

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 10/29/1985
Site name: WORLD OIL CO
Classification: Large Quantity Generator

Violation Status: No violations found

LUST:
Name: WORLD OIL #52
Address: 16720 MONTEREY
City,State,Zip: MORGAN HILL, CA 95037
Lead Agency: SANTA CLARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608502184
Global Id: T0608502184
Latitude: 37.1215565225376
Longitude: -121.647491455078
Status: Completed - Case Closed
Status Date: 09/10/2015
Case Worker: AC
RB Case Number: 3411
Local Agency: SANTA CLARA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: 09S3E28L01f
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: As of August 2102, DEH has required additional soil and groundwater investigation (for soil and groundwater data gaps) , and the preparation of a SCM for this site.

LUST:
Global Id: T0608502184
Contact Type: Local Agency Caseworker
Contact Name: AARON COSTA
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: aaron.costa@cep.sccgov.org
Phone Number: 4089181954

Global Id: T0608502184
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

DRAFT

WORLD OIL CO (Continued) **1000278394**

LUST:

Global Id: T0608502184
Action Type: RESPONSE
Date: 10/31/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608502184
Action Type: RESPONSE
Date: 05/24/1990
Action: Other Workplan

Global Id: T0608502184
Action Type: RESPONSE
Date: 03/19/2012
Action: Other Workplan

Global Id: T0608502184
Action Type: RESPONSE
Date: 04/22/2009
Action: Well Destruction Workplan

Global Id: T0608502184
Action Type: RESPONSE
Date: 01/30/2004
Action: Proposed Plan

Global Id: T0608502184
Action Type: RESPONSE
Date: 09/15/2000
Action: Other Workplan

Global Id: T0608502184
Action Type: RESPONSE
Date: 01/09/2013
Action: Other Report / Document

Global Id: T0608502184
Action Type: RESPONSE
Date: 06/11/2002
Action: Verbal Communication

Global Id: T0608502184
Action Type: RESPONSE
Date: 12/13/1989
Action: Preliminary Site Assessment Report

Global Id: T0608502184
Action Type: RESPONSE
Date: 08/03/1989
Action: Correspondence

Global Id: T0608502184
Action Type: RESPONSE
Date: 03/25/2009
Action: Other Report / Document

Global Id: T0608502184

DRAFT

WORLD OIL CO (Continued) **1000278394**

Action Type: RESPONSE
Date: 06/06/1986
Action: Proposed Plan

Global Id: T0608502184
Action Type: RESPONSE
Date: 07/27/2012
Action: Other Workplan

Global Id: T0608502184
Action Type: RESPONSE
Date: 06/27/1990
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608502184
Action Type: RESPONSE
Date: 07/13/1994
Action: Correspondence

Global Id: T0608502184
Action Type: RESPONSE
Date: 08/01/2011
Action: Correspondence

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 08/18/1989
Action: Notice of Responsibility - #39225

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 03/16/1996
Action: Staff Letter - #18522

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 04/30/1996
Action: Staff Letter - #18532

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 06/15/1996
Action: Staff Letter - #18526

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 12/16/1996
Action: Staff Letter - #18530

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 07/25/1997
Action: Staff Letter - #18535

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 01/15/1999

DRAFT

WORLD OIL CO (Continued) **1000278394**

Action: Staff Letter - #18549

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 07/15/1999
Action: Staff Letter - #18541

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 07/26/2000
Action: Waste Discharge Requirements

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 10/26/2001
Action: Staff Letter - #18561

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 06/12/2002
Action: Staff Letter - #37990

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 06/19/2015
Action: Staff Letter

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 09/10/2015
Action: Closure/No Further Action Letter

Global Id: T0608502184
Action Type: RESPONSE
Date: 04/30/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608502184
Action Type: RESPONSE
Date: 06/08/2004
Action: Other Report / Document

Global Id: T0608502184
Action Type: RESPONSE
Date: 02/19/2004
Action: Other Workplan

Global Id: T0608502184
Action Type: RESPONSE
Date: 05/24/1990
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608502184
Action Type: RESPONSE
Date: 11/07/2001
Action: Other Workplan

DRAFT

WORLD OIL CO (Continued) **1000278394**

Global Id: T0608502184
Action Type: RESPONSE
Date: 03/21/1996
Action: Other Report / Document

Global Id: T0608502184
Action Type: RESPONSE
Date: 11/14/1990
Action: Interim Remedial Action Plan

Global Id: T0608502184
Action Type: RESPONSE
Date: 11/04/1999
Action: Well Installation Report

Global Id: T0608502184
Action Type: RESPONSE
Date: 01/25/2013
Action: Conceptual Site Model

Global Id: T0608502184
Action Type: RESPONSE
Date: 10/29/2009
Action: Remedial Progress Report

Global Id: T0608502184
Action Type: Other
Date: 03/12/1986
Action: Leak Stopped

Global Id: T0608502184
Action Type: RESPONSE
Date: 08/19/1998
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608502184
Action Type: RESPONSE
Date: 10/04/2005
Action: NPDES / WDR Reports

Global Id: T0608502184
Action Type: RESPONSE
Date: 04/11/2000
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608502184
Action Type: RESPONSE
Date: 04/30/2011
Action: Monitoring Report - Quarterly

Global Id: T0608502184
Action Type: RESPONSE
Date: 10/21/1993
Action: Other Report / Document

Global Id: T0608502184
Action Type: RESPONSE

DRAFT

WORLD OIL CO (Continued) **1000278394**

Date: 04/25/1990
Action: Other Workplan

Global Id: T0608502184
Action Type: RESPONSE
Date: 10/30/2011
Action: Monitoring Report - Semi-Annually - Regulator Responded

Global Id: T0608502184
Action Type: RESPONSE
Date: 07/27/2012
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 02/06/1996
Action: Staff Letter - #18520

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 04/17/1996
Action: Staff Letter - #18524

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 09/15/1996
Action: Staff Letter - #18528

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 08/17/1998
Action: Staff Letter - #18547

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 01/15/2000
Action: Staff Letter - #18545

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 04/13/2001
Action: Staff Letter - #18557

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 06/17/2004
Action: Staff Letter - #44161

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 02/03/2015
Action: Rescission of Enforcement Action

Global Id: T0608502184
Action Type: RESPONSE
Date: 07/31/2000
Action: Monitoring Report - Quarterly

DRAFT

WORLD OIL CO (Continued) **1000278394**

Global Id: T0608502184
Action Type: RESPONSE
Date: 01/25/2013
Action: Conceptual Site Model

Global Id: T0608502184
Action Type: RESPONSE
Date: 10/29/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608502184
Action Type: RESPONSE
Date: 10/29/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 06/19/2007
Action: Staff Letter

Global Id: T0608502184
Action Type: Other
Date: 03/25/1988
Action: Leak Reported

Global Id: T0608502184
Action Type: RESPONSE
Date: 07/31/1997
Action: Monitoring Report - Quarterly

Global Id: T0608502184
Action Type: RESPONSE
Date: 10/31/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608502184
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608502184
Action Type: RESPONSE
Date: 03/01/1999
Action: Other Report / Document

Global Id: T0608502184
Action Type: RESPONSE
Date: 02/21/2003
Action: Monitoring Report - Quarterly

Global Id: T0608502184
Action Type: RESPONSE
Date: 02/22/2003
Action: Monitoring Report - Quarterly

Global Id: T0608502184
Action Type: RESPONSE

DRAFT

WORLD OIL CO (Continued) **1000278394**

Date: 11/30/2004
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608502184
Action Type: RESPONSE
Date: 10/30/1997
Action: Monitoring Report - Quarterly

Global Id: T0608502184
Action Type: RESPONSE
Date: 07/30/1999
Action: Monitoring Report - Quarterly

Global Id: T0608502184
Action Type: RESPONSE
Date: 01/31/2000
Action: Monitoring Report - Quarterly

Global Id: T0608502184
Action Type: RESPONSE
Date: 12/07/2001
Action: Monitoring Report - Quarterly

Global Id: T0608502184
Action Type: RESPONSE
Date: 05/10/1996
Action: Monitoring Report - Quarterly

Global Id: T0608502184
Action Type: RESPONSE
Date: 10/30/2000
Action: Monitoring Report - Quarterly

Global Id: T0608502184
Action Type: RESPONSE
Date: 05/05/2003
Action: Monitoring Report - Quarterly

Global Id: T0608502184
Action Type: RESPONSE
Date: 08/24/1998
Action: Soil and Water Investigation Workplan

Global Id: T0608502184
Action Type: RESPONSE
Date: 04/30/2001
Action: Monitoring Report - Quarterly

Global Id: T0608502184
Action Type: RESPONSE
Date: 01/31/2001
Action: Monitoring Report - Quarterly

Global Id: T0608502184
Action Type: RESPONSE
Date: 11/25/2002
Action: Monitoring Report - Quarterly

DRAFT

WORLD OIL CO (Continued) **1000278394**

Global Id: T0608502184
Action Type: RESPONSE
Date: 10/31/1999
Action: Monitoring Report - Quarterly

Global Id: T0608502184
Action Type: RESPONSE
Date: 10/24/2005
Action: Other Report / Document

Global Id: T0608502184
Action Type: RESPONSE
Date: 03/18/2002
Action: Other Workplan

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 09/28/2009
Action: Staff Letter - #9002829

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 03/30/2010
Action: Staff Letter - #0102033

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 02/16/2012
Action: Staff Letter

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 06/18/2012
Action: Staff Letter

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 10/24/2013
Action: Staff Letter

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 02/12/2013
Action: Staff Letter

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 08/07/2012
Action: Staff Letter

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 12/21/2012
Action: Staff Letter

Global Id: T0608502184
Action Type: RESPONSE

DRAFT

WORLD OIL CO (Continued) **1000278394**

Date: 05/03/2002
Action: Monitoring Report - Quarterly

Global Id: T0608502184
Action Type: REMEDIATION
Date: 09/30/1988
Action: Excavation

Global Id: T0608502184
Action Type: REMEDIATION
Date: 08/23/2000
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 12/08/2014
Action: Staff Letter

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 03/25/2015
Action: Staff Letter

Global Id: T0608502184
Action Type: ENFORCEMENT
Date: 10/01/2014
Action: Notification - Public Notice of Case Closure

Global Id: T0608502184
Action Type: RESPONSE
Date: 09/02/2015
Action: Well Destruction Report

Global Id: T0608502184
Action Type: Other
Date: 02/12/1986
Action: Leak Discovery

Global Id: T0608502184
Action Type: RESPONSE
Date: 05/23/2006
Action: CAP/RAP - Other Report

Global Id: T0608502184
Action Type: RESPONSE
Date: 10/24/2013
Action: Correspondence

Global Id: T0608502184
Action Type: RESPONSE
Date: 10/21/1993
Action: Interim Remedial Action Report

Global Id: T0608502184
Action Type: RESPONSE
Date: 04/30/2007
Action: Other Report / Document

DRAFT

WORLD OIL CO (Continued) **1000278394**

Global Id: T0608502184
Action Type: RESPONSE
Date: 06/25/2008
Action: Well Destruction Report

Global Id: T0608502184
Action Type: RESPONSE
Date: 11/20/2002
Action: Soil and Water Investigation Report

Global Id: T0608502184
Action Type: RESPONSE
Date: 07/08/1988
Action: Other Report / Document

Global Id: T0608502184
Action Type: RESPONSE
Date: 04/02/1990
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608502184
Action Type: RESPONSE
Date: 06/19/2001
Action: Other Workplan

Global Id: T0608502184
Action Type: RESPONSE
Date: 11/07/2001
Action: Other Workplan

Global Id: T0608502184
Action Type: RESPONSE
Date: 02/01/1995
Action: Monitoring Report - Quarterly

Global Id: T0608502184
Action Type: RESPONSE
Date: 01/06/2011
Action: Other Report / Document

LUST:
Global Id: T0608502184
Status: Completed - Case Closed
Status Date: 09/10/2015

Global Id: T0608502184
Status: Open - Case Begin Date
Status Date: 04/07/1986

Global Id: T0608502184
Status: Open - Eligible for Closure
Status Date: 07/22/2013

Global Id: T0608502184
Status: Open - Site Assessment
Status Date: 04/11/1986

DRAFT

WORLD OIL CO (Continued) **1000278394**

Global Id: T0608502184
Status: Open - Site Assessment
Status Date: 05/19/1986

Global Id: T0608502184
Status: Open - Verification Monitoring
Status Date: 05/19/1986

LUST SANTA CLARA:
Name: WORLD OIL #52
Address: 16720 MONTEREY HWY
City,State,Zip: MORGAN HILL, CA
Region: SANTA CLARA
SCVWD ID: 09S3E28L01F
Date Closed: Not reported
EDR Link ID: 09S3E28L01F

SWEEPS UST:
Name: WORLD OIL MARKETING CO. #52
Address: 16720 MONTEREY HWY
City: MORGAN HILL
Status: Active
Comp Number: 13736
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 5201
SWRCB Tank Id: 49-000-013736-000001
Tank Status: A
Capacity: 8000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 4

Name: WORLD OIL MARKETING CO. #52
Address: 16720 MONTEREY HWY
City: MORGAN HILL
Status: Active
Comp Number: 13736
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 5202
SWRCB Tank Id: 49-000-013736-000002
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P

DRAFT

WORLD OIL CO (Continued) **1000278394**

Content: LEADED
Number Of Tanks: Not reported

Name: WORLD OIL MARKETING CO. #52
Address: 16720 MONTEREY HWY
City: MORGAN HILL
Status: Active
Comp Number: 13736
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 5203
SWRCB Tank Id: 49-000-013736-000003
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: WORLD OIL MARKETING CO. #52
Address: 16720 MONTEREY HWY
City: MORGAN HILL
Status: Active
Comp Number: 13736
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 5204
SWRCB Tank Id: 49-000-013736-000004
Tank Status: A
Capacity: 6000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: WORLD OIL MARKETING CO. #52
Address: 16720 MONTEREY HWY
City: MORGAN HILL
Status: Active
Comp Number: 13736
Number: 9
Board Of Equalization: 44-025933
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 6
SWRCB Tank Id: 43-004-013736-000006
Tank Status: A
Capacity: 1

DRAFT

WORLD OIL CO (Continued) **1000278394**

Active Date: 04-01-92
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: Not reported

Name: WORLD OIL MARKETING CO. #52
Address: 16720 MONTEREY HWY
City: MORGAN HILL
Status: Active
Comp Number: 13736
Number: 9
Board Of Equalization: 44-025933
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 7
SWRCB Tank Id: 43-004-013736-000007
Tank Status: A
Capacity: 1
Active Date: 04-01-92
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: Not reported

Name: WORLD OIL MARKETING CO. #52
Address: 16720 MONTEREY HWY
City: MORGAN HILL
Status: Not reported
Comp Number: 13736
Number: Not reported
Board Of Equalization: 44-025933
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-004-013736-000001
Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 4

Name: WORLD OIL MARKETING CO. #52
Address: 16720 MONTEREY HWY
City: MORGAN HILL
Status: Not reported
Comp Number: 13736
Number: Not reported
Board Of Equalization: 44-025933
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported

DRAFT

WORLD OIL CO (Continued) **1000278394**

SWRCB Tank Id:	43-004-013736-000002
Tank Status:	Not reported
Capacity:	12000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

Name:	WORLD OIL MARKETING CO. #52
Address:	16720 MONTEREY HWY
City:	MORGAN HILL
Status:	Not reported
Comp Number:	13736
Number:	Not reported
Board Of Equalization:	44-025933
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-004-013736-000003
Tank Status:	Not reported
Capacity:	12000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	WORLD OIL MARKETING CO. #52
Address:	16720 MONTEREY HWY
City:	MORGAN HILL
Status:	Not reported
Comp Number:	13736
Number:	Not reported
Board Of Equalization:	44-025933
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-004-013736-000004
Tank Status:	Not reported
Capacity:	6000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	WORLD OIL MARKETING CO. #52
Address:	16720 MONTEREY HWY
City:	MORGAN HILL
Status:	Active
Comp Number:	13736
Number:	9
Board Of Equalization:	44-025933
Referral Date:	07-01-85

DRAFT

WORLD OIL CO (Continued) **1000278394**

Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 5
SWRCB Tank Id: 43-004-013736-000005
Tank Status: A
Capacity: 1
Active Date: 04-01-92
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: 3

Name: WORLD OIL MARKETING CO. #52
Address: 16720 MONTEREY HWY
City: MORGAN HILL
Status: Active
Comp Number: 13736
Number: 9
Board Of Equalization: 44-025933
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 6
SWRCB Tank Id: 43-004-013736-000006
Tank Status: A
Capacity: 1
Active Date: 04-01-92
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: Not reported

Name: WORLD OIL MARKETING CO. #52
Address: 16720 MONTEREY HWY
City: MORGAN HILL
Status: Active
Comp Number: 13736
Number: 9
Board Of Equalization: 44-025933
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 7
SWRCB Tank Id: 43-004-013736-000007
Tank Status: A
Capacity: 1
Active Date: 04-01-92
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: Not reported

Name: WORLD OIL MARKETING CO. #52
Address: 16720 MONTEREY HWY
City: MORGAN HILL
Status: Active
Comp Number: 13736

DRAFT

WORLD OIL CO (Continued) **1000278394**

Number: 9
Board Of Equalization: 44-025933
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 5
SWRCB Tank Id: 43-004-013736-000005
Tank Status: A
Capacity: 1
Active Date: 04-01-92
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: 3

HIST UST:
Name: WORLD OIL MARKETING CO. #52
Address: 16720 MONTEREY ST
City,State,Zip: MORGAN HILL, CA 95037
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000013736
Facility Type: Gas Station
Other Type: Not reported
Contact Name: RON COLEMAN
Telephone: 2135608801
Owner Name: WORLD OIL MARKETING COMPANY
Owner Address: 9302 S. GARFIELD AVENUE
Owner City,St,Zip: SOUTH GATE, CA 90280
Total Tanks: 0004

Tank Num: 001
Container Num: 5201
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 5202
Year Installed: Not reported
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 5203
Year Installed: Not reported
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported

DRAFT

WORLD OIL CO (Continued) **1000278394**

Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 5204
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

CA FID UST:
Facility ID: 43001619
Regulated By: UTNKA
Regulated ID: 00013736
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2135608801
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: MORGAN HILL 95037
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

FINDS:

Registry ID: 110002678317

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000278394
Registry ID: 110002678317

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WORLD OIL CO (Continued) **1000278394**

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002678317

CUPA SANTA CLARA:

Name:	WORLD OIL #052
Address:	16720 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.1212372
Longitude:	-121.6476519
Record ID:	PR0401867
Facility ID:	FA0266738

Name:	WORLD OIL #052
Address:	16720 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Latitude:	37.1212372
Longitude:	-121.6476519
Record ID:	PR0376019
Facility ID:	FA0266738

Name:	WORLD OIL #052
Address:	16720 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2399
Program Description:	UNDERGROUND STORAGE TANK PROGRAM RECORD
Latitude:	37.1212372
Longitude:	-121.6476519
Record ID:	PR0376020
Facility ID:	FA0266738

HIST CORTESE:

edr_fname:	WORLD OIL STATION #52
edr_fadd1:	16720 MONTEREY
City,State,Zip:	MORGAN HILL, CA
Region:	CORTESE
Facility County Code:	43
Reg By:	LTNKA
Reg Id:	584

CERS:

Name:	WORLD OIL #52
Address:	16720 MONTEREY
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	251564
CERS ID:	T0608502184
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	AARON COSTA - SANTA CLARA COUNTY LOP

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WORLD OIL CO (Continued) **1000278394**

Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	4089181954

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

A7 **VEGA AUTO SALES** **CUPA Listings** **S121474872**
SE **16570 CHURCH ST STE 140** **N/A**
< 1/8 **MORGAN HILL, CA 95037**
0.048 mi.
255 ft. **Site 4 of 4 in cluster A**

Relative:
Higher

Actual:
338 ft.

CUPA SANTA CLARA:

Name:	VEGA AUTO SALES
Address:	16570 CHURCH ST STE 140
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.1208828
Longitude:	-121.6447614
Record ID:	PR0417866
Facility ID:	FA0276583

Name:	VEGA AUTO SALES
Address:	16570 CHURCH ST STE 140
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Latitude:	37.1208828
Longitude:	-121.6447614
Record ID:	PR0417865
Facility ID:	FA0276583

DRAFT

B8 West < 1/8 0.050 mi. 263 ft. — **WORLD OIL MARKETING #52**, **16720 MONTEREY RD**, **MORGAN HILL, CA 95037** — **UST** — **U003976865**, **N/A**

Site 3 of 6 in cluster B

Relative: Lower
Actual: 335 ft.

UST:

Name:	WORLD OIL MARKETING #52
Address:	16720 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 95037
Facility ID:	79
Permitting Agency:	CAMPBELL,CUPERTINO,LOS GATOS,MORGAN HILL
Latitude:	37.12179
Longitude:	-121.64799

Name:	WORLD OIL #52
Address:	16720 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 95037
Facility ID:	FA0266738
Permitting Agency:	Santa Clara County Environmental Health
Latitude:	37.121597
Longitude:	-121.647392

B9 West < 1/8 0.050 mi. 263 ft. — **WORLD OIL #52**, **16720 MONTEREY RD**, **MORGAN HILL, CA 95037** — **CERS HAZ WASTE**, **CERS TANKS**, **CERS** — **S121793217**, **N/A**

Site 4 of 6 in cluster B

Relative: Lower
Actual: 335 ft.

CERS HAZ WASTE:

Site ID:	86612
CERS ID:	10075942
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	86612
Site Name:	WORLD OIL #52
Violation Date:	10-25-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 11/22/2017. Inventory amounts for gasoline contaminated test water are below those observed. Due to additional testing in 2017, 3x55 (165) total gal of gas-water is onsite. CERS disclosed 55 gallons. Additionally, CERS discloses this waste as "waste oil water mixture" when it should be waste gasoline mixture. PLEASE UPDATE CHEMICAL NAME IN CERS, AND EITHER ARRANGE FOR DISPOSAL OF EXCESS LIQUID OR CHANGE REPORTING TO NOTE VOLUMES OBSERVED.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	86612
Site Name:	WORLD OIL #52
Violation Date:	10-25-2017
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the

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WORLD OIL #52 (Continued) **S121793217**

business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 11/22/2017. Site did not annually certify and submit HMBP in 2015.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-20-2016
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 01/20/2017. 1) The CFO Letter coverage amount identified on the Certification Financial Responsibility Form is incorrectly listed as $2,000,000. Update the CFO Letter coverage amount to list $10,000. 2) The coverage amount line item for both the State UST Fund and the CFO Letter should include the phrase ?per occurrence and annual aggregate" after the coverage amount (e.g. $10,000 per occurrence and annual aggregate). NOTE: A "marked-up" copy of the Certification of Financial Responsibility will be provided with this inspection report.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-20-2016
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)
Violation Description: Failure to submit or update a plot plan.
Violation Notes: Returned to compliance on 11/02/2016. The location of the following sensors are not identified on the UST Site Plan: - The Veeder-Root 794380-208 sensors in the UDC pans - The mechanical line leak detectors in the STP sumps
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-10-2013
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Operations/Maintenance - General
Violation Notes: Sensor L9 did not function when initially tested. After shaking the sensor and dislodging the float mechanism, the sensor functioned as required. Violation corrected. No further action required for this violation.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

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WORLD OIL #52 (Continued) **S121793217**

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-25-2017
Citation: HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Description: Failure to maintain UST records of monitoring, testing, repairing, and closure in sufficient detail to enable the CUPA to determine whether the UST systems are in compliance.
Violation Notes: Returned to compliance on 11/22/2017. Site does not have a copy of the 2017 SB989 containment test results. This was noted in the past 2 months DUSTO inspection reports (sept, oct 2017) Copies of test results have been submitted to DEH.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-10-2013
Citation: HSC 6.7 25284(a)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)
Violation Description: Failure to submit, maintain, or implement an owner/operator written agreement.
Violation Notes: Returned to compliance on 10/28/2013. A written agreement between the UST system Owner and the UST system Operator is not observed in facility records. Lease agreement observed, but did not contain a specific agreement between the Owner and Operator regarding the UST system and did not contain a copy of California Health and Safety Code Section 25299.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-25-2017
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements:Monitor at least hourly.Be capable of detecting a release of 3.0 gallons per hour at 10 p.s.i.g. Restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 10/25/2017. The LD2000 model MLLD on the 91 unleaded tank failed twice to detect a simulated leak. The LLD was replaced during the inspection and retested. Newly installed LLD was able to detect the leak. Upon removal of non-operational LLD, it was noted that it was stuck in the open position (photo taken). NO CORRECTIVE ACTION REQUIRED, VIOLATION ABATED DURING INSPECTION
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 03-28-2014
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22,

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WORLD OIL #52 (Continued) **S121793217**

Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes: Returned to compliance on 10/25/2017. OBSERVE 2X55 GAL DRUMS STORING WASTE FLAMMABLE LIQUIDS AND WASTE FLAMMABLE SOLIDS WITH AN ACCUMULATION START DATE OF 1/9/12 AND 9/16/11. ADDITIONALLY, BASED ON RECORDS REVIEW THE LAST TIME THERE WAS A HAZARDOUS WASTE PICK UP AT THIS LOCATION WAS ON 09/06/11 AND 08/15/11. DISPOSE OF THESE DRUMS IMMEDIATELY AND PROVIDE COPIES OF HAZARDOUS WASTE MANIFESTS TO MY OFFICE. IN THE FUTURE DO NOT EXCEED THE ACCUMULATION TIME LIMIT OF 180 DAYS.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-15-2015
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs.
Violation Notes: Returned to compliance on 11/03/2015. THE MLLD FOR THE 89 TANK FAILED WHEN IT WAS TESTED DURING THIS INSPECTION. REPLACE AND RETEST MLLD. MLLD NEEDS TO BE REPLACED WITH A LIKE-FOR-LIKE ONE. A PERMIT IS NOT REQUIRED FROM OUR DEPARTMENT. NOTIFY OUR OFFICE WHEN THIS ISSUED IS RESOLVED.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-10-2013
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 10/28/2013. The following UST system required documents were not observed in facility records: -UST-A (Facility Information Page) -UST-B (Tank Information Page) -Monitoring Plan (current version; 1996 out-dated plan observed) -Response Plan *Sumbit these forms as well as the current Certification of Financial Responsibility and Designated Operator Notification and Owner Statement of Compliance to HMCD within 30 days.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 03-01-2017
Citation: HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),

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WORLD OIL #52 (Continued) **S121793217**

25290.2(c), 25291(a)(2), 25292(e)
Violation Description: Failure to maintain secondary containment (e.g. failure of secondary containment testing).
Violation Notes: Returned to compliance on 07/31/2017. The UDC of dispenser 3/4 failed an initial 15 minute Incon accelerated hydrostatic test as well as a retest. Continue to troubleshoot UDC failures, and repair or replace failed components as necessary. Notify HMCD of the scope of any repairs to be performed, and note that a repair permit from HMCD may be necessary depending upon the repair(s) needed.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-10-2013
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description: Failure of sensor to be located in the proper position/location.
Violation Notes: Returned to compliance on 10/28/2013. Sensor L16 for monitoring of the Regular Unleaded (87) Fill sump was observed to be resting in the sensor holder approximately six (6) inches above the bottom of the sump. Fill ports have straight drop tubes (i.e. no mechanical overfill prevention mechanism). This sensor was replaced to the lowest position within this sump by Service Station Systems, Inc. technicians following testing today, 10/10/2013. Violation corrected. No further action required for this violation.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-25-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 11/22/2017. 2x55 drums "hydro test water" missing properties on labels. 1x55 drum gasoline solids marked with "first drop" date, but not with start date for CESQG (more than 100 kg total waste onsite as of 8/31/17)
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-09-2014
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: THE LAST TIME YOUR HAZARDOUS MATERIAL INVENTORY WAS UPDATED WAS ON

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WORLD OIL #52 (Continued) **S121793217**

3/2013 YOUR INVENTORY NEEDS TO BE CERTIFIED ANNUALLY. ADDITIONALLY, THE HAZARDOUS WASTE STORED AT THIS SITE NEEDS TO BE LISTED ON YOUR INVENTORY. UPDATE THIS INFORMATION IMMEDIATELY.

Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-09-2014
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs.
Violation Notes: Returned to compliance on 10/09/2014. THE MLLD FOR THE SUPREME (91) TANK FAILED WHEN IT WAS TESTED TODAY. TECHNICIAN REPLACED THE MLLD WITH A LIKE-FOR-LIKE (VMI LD2000) AND IT WAS RETESTED DURING THIS INSPECTION AND IT PASSED. NO FURTHER ACTION IS REQUIRED.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-20-2016
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 11/02/2016. Veeder-Root (VR) 794380-208 sensors are located in each under dispenser containment (UDC) pan. The UST Monitoring Plans for all UST systems identify the VR 794380-208 sensors as the leak sensor monitoring the UDCs. While Bravo Float and Chain Assemblies are also in each UDC pan, the float and chain assemblies are not identified on the UST Monitoring Plan and are not tested annually for functionality. Either change the line item, "UDC Monitoring Stops Flow of Product at Dispenser." to "no" as the VR 794380-208 sensors do not stop the flow of product at dispenser -or- Update the UDC Leak Sensor Manufacturer and UDC Leak Sensor Model to include both the 208 sensors and the float and chain assemblies, have the float and chain assemblies? functionality tested annually, and include the float and chain assemblies on the Annual Monitoring System Certifications. NOTE: A "marked-up" copy of the UST Monitoring Plans will be provided with this inspection report.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-24-2018
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when

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WORLD OIL #52 (Continued) **S121793217**

the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,?2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October?1,?2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.

Violation Notes: Site is unable to demonstrate that proper overfill prevention is installed on the 89 and 91 tanks. 9/28/18 inspection could not confirm that ball floats are installed. Site is using audible/visual alarm for overfill prevention. In order to demonstrate compliance one of the following must be confirmed: a) Vent piping is double walled (CERS indicates that this is the case, but it could not be confirmed during the inspection and the Overfill Prevention Equipment Inspection form indicates that these lines are single walled) b) ball floats are installed on these two tanks (CERS says this is NOT the case, and the Overfill Prevention Equipment Inspection form notes "restricts flow" as what happens when overfill activated) If neither option above can be confirmed, the system must be fitted with mechanical flow shut off valves in the fuel drop tubes and CERS must be updated to reflect this change. Permits required to install/retrofit system.

Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 03-01-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: On-site to observe secondary containment testing. Testing was performed by Shaun Malone of Able Maintenance. Mr. Malone has the following certifications observed as current: -ICC UST Service Technician -Incon Sump Test System Operation Level 4 Tank annular spaces are hydrostatically monitored and therefore were not tested. Product piping runs were tested with a 60 minute pressure test @ 5 psig with the following results: -87-1, PASS -87-2, PASS -91, PASS STP sumps were tested with a 15 minute Incon accelerated hydrostatic test with the following results: -87-1, PASS -87-2, PASS -91, PASS Fill sumps were tested with a 15 minute Incon accelerated hydrostatic test with the following results: -87-1, PASS -87-2, PASS -91, PASS UDCs were tested with a 15 minute Incon accelerated hydrostatic test with

WORLD OIL #52 (Continued) **S121793217**

the following results: -Dispenser 1/2, failed initially but upon retest PASS -Dispenser 3/4, FAIL -Dispenser 5/6, PASS -Dispenser 7/8, [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-28-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ON-SITE ON 3/13/14 TO OVERSEE PARTIAL SB989 TESTING. TESTING WAS CONDUCTED BY JAMES MOORE WITH ABLE MAINTENANCE. MR. MOORE IS CURRENT WITH ALL OF HIS CERTIFICATIONS. SITE SET-UP; T1- 87 DW TANK T2-89 DW TANK T3-91 DW TANK THE FOLLOWING COMPONENTS WERE TESTED AND PASSED AT THE TIME I WAS THERE TO OBSERVE; -91 STP SUMP TESTED USING THE ACCELERATED INCON METHOD. THE FOLLOWING COMPONENTS WERE TESTED AND FAILED AT THE TIME I WAS THERE TO OBSERVE; -89 STP SUMP FAILED THE INCON METHOD TESTING -89 PIPING LINE WAS LOOSING PRESSURE THE 91 AND 87 SECONDARY PIPING LINES WERE HOLDING PRESSURE AT 5 PSI. NOTES: OBSERVED ONE OF THE UST'S FILLED WITH CONCRETE AND IT APPEARS TO HAVE BEEN CLOSED IN PLACE. PROVIDE DOCUMENTATION TO OUR DEPARTMENT SHOWING THAT THIS UST WAS CLOSED WITH REQUIRED PERMITS UNDER A FIRE DEPARTMENT JURISDICTION. WITHIN 30 DAYS PROVIDE A COPY OF THE TESTING REPORT TO OUR OFFICE.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-09-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-10-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: CERS ID# 10075942 CERS Submittal for HMBP compliance made on 3/28/13 (Facility & Inventory elements submitted). Inventory Submitted: 20,000 Gallon Regular Unleaded 12,000 Gallon Plus Unleaded 12,000 Gallon Premium Unleaded
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-10-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: EPA ID# CAD981160724.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST

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WORLD OIL #52 (Continued) **S121793217**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Site generates waste from manitenane and operation of UST system as well as spill clean up. EPA ID CAD981160724, active as of date of inspection Reviewed manifests from 2015, 2017. All TSDF copies available. --Noted letter from Belshire to station noting correction of manifest data PLEASE CONFIRM, IN RESPONSE TO THIS REPORT, THAT BELSHIRE HAS ALSO FILED A MANIFEST CORRECTION LETTER WITH DTSC FOR THESE CORRECTIONS. --Manifest correction in 2017 noted for waste coding, was problem historically (2015 and prior) re: adding federal waste codes on manifests even though site is federal CESQG. Current onsite inventory includes 2x55 gallon drums gas contaminated test water, 1x55 partially full gas contaminated solids (and 1x55 gas contaminated liquids which is empty). Solids drum with start date 3/15/17, test water drums 8/31/17
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-13-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: witness partial testing of SB989
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-09-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ON-SITE TO OVERSEE AN ANNUAL MONITORING SYSTEM CERTIFICATION. TESTING WAS CONDUCTED BY JESSE RODRIGUEZ WITH SSS. MR. RODRIGUEZ HAS THE FOLLOWING CERTIFICATIONS; ICC#8024952 EXP., 10/30/15; VR#B37358 EXP., 1/7/15; VMI#2659 EXP., 4/6/16 PRIOR AND AFTER COMPLETION OF TESTING THERE WERE NO ACTIVE ALARMS IN THE GILBARCO EMC PANEL. THE FOLLOWING COMPONENTS WERE TESTED AND PASSED DURING TODAY'S INSPECTION: - 3 STP SUMP SENSORS - 3 FILL SUMP SENSORS - 3 ANNULAR SENSORS - 4 UDC SENSORS * ALL SENSORS PROVIDED A POSITIVE SHUT DOWN CONDITION AT THE TURBINE. - FAIL SAFE AND SENSOR OUT WERE VERIFIED - ESO WAS VERIFIED - 2 MLLD WERE VERIFIED - 3 SPILL BUCKETS WERE HYDROSTATICALLY TESTED FOR AN HOUR AND PASSED - OVERFILL PREVENTION IN ALL 3 UST'S WAS VERIFIED TO BE AT 90% BY TESTING THE ATG PROBE. THE FOLLOWING INFORMATION WAS REVIEWED: - LIST OF TRAINED EMPLOYEES - DO MONTHLY RECORDS - MAINTENANCE RECORDS - ALL UST FORMS, UST MONITORING PLAN, UST RESPONSE PLAN, [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-15-2015

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WORLD OIL #52 (Continued) **S121793217**

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ON-SITE TO OVERSEE AN ANNUAL MONITORING SYSTEM CERTIFICATION. TESTING WAS CONDUCTED BY ISRAEL SANTILLAN WITH SSS. MR. SANTILLAN HAS THE FOLLOWING CERTIFICATIONS; ICC#8057571 EXP., 10/2/17; VR CERTIFICATION EXP., 5/11/17; VMI CERTIFICATION EXP., 6/10/17. PRIOR AND AFTER COMPLETION OF TESTING THERE WERE NO ACTIVE ALARMS IN THE GILBARCO EMC PANEL. THE FOLLOWING COMPONENTS WERE TESTED AND PASSED DURING TODAY'S INSPECTION: - 3 STP SUMP SENSORS - 3 FILL SUMP SENSORS - 3 ANNULAR SENSORS - 4 UDC SENSORS * ALL SENSORS PROVIDED A POSITIVE SHUT DOWN CONDITION AT THE TURBINE. - FAIL SAFE AND SENSOR OUT WERE VERIFIED - 2 MLLD WERE VERIFIED - 3 SPILL BUCKETS WERE HYDROSTATICALLY TESTED FOR AN HOUR AND PASSED - OVERFILL PREVENTION IN ALL 3 UST'S WAS VERIFIED TO BE AT 90% BY TESTING THE ATG PROBE. THE FOLLOWING INFORMATION WAS REVIEWED: - LIST OF TRAINED EMPLOYEES - DO MONTHLY RECORDS - MAINTENANCE RECORDS - ALL UST INFORMATION WAS REVIEWED ON CERS DURING THIS [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-28-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-24-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Onsite to witness annual UST monitoring system testing conducgted by Belshire, technician Mark Riley. Mr. Riley holds valid ICC (exp 1/24/19), Veeder Root (exp 10/18/20) and VMI LD tester (exp 1/21/20) certifications. System is three tanks, with a fourth tank onsite, but closed/abandonded in place. Sensors in UDCs, fill and STP sumps provided audible and visual alarms as well as shutdown of turbine. Tank annular sensors provided audible and visual alarms at monitoring panel. Line leak detectors were able to detect a simulated 3gph, 10psi leak and demonstrated slow flow of product at dispenser. Overfill prevention provided by electronic probe set to provide audible and visual alarms at point of fill when tank 90% full. - Triennial testing of system conducted 9/28/18. Results indicated failures for 89 and 91 tank due to inability to confirm installation of ball valves on vent lines. Sensor out and power out both demonstrated ability to shut down turbines. Spill [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency

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WORLD OIL #52 (Continued) **S121793217**

Eval Notes: CERS ID 10075942 Annual inventory submitted 12/5/16. Prior annual submittal 10/16/14 Reviewed response plan, emergency plan and map. All elements OK Inventory (with exception above) meets reported quantity and location. Training is provided and documented as part of UST annual training and does discuss both spills and evacuation.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On-site to witness a lake test of a repaired (electrical penetration) in the UDC at dispenser 3/4. Today's testing was conducted by Shawn Sbragia with Able Maintenance, Inc. Mr. Sbragia held valid ICC UST Service Technician, exp: 12/1/18 and ICON Level 4 Sump tester, exp: Mar 10, 2019. The repair was completed by Kelly Burningham with Able Maintenance, Inc. Mr. Burningham held valid ICC UST Installation/Retrofitting exp: 01/20/2019 and ICON Containment Solutions exp: April14, 2018. The lake test was completed an INCON TS-STS Tester for 15-minutes: PASS. The dispenser is approved to be used as designed. Provide a copy of the abbreviated Secondary Containment report, documenting the repair and retest of UDC 3/4 by 9/30/17. Ensure that a copy of this report and corresponding documentation regarding this repair is provided to the facility for future inspections. For questions regarding this report contact Ray Maiden at 408-918-1980 or via email at [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-10-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-24-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NOTES TO FACILITY: 1) The UST Permit to Operate expires October 31, 2016. The UST Permit to Operate cannot be renewed until all open violations have been corrected and compliance has been verified by HMCD [23 CCR 2712(e)]. 2) It is of note that the symbol key identifies the leak detector symbol as a hexagon with ?L1? in the center, but the L- number changes for each hexagon identifying a sensor on the map. The symbol key also identifies dispenser pumps as ?2/1? but the number on the map changes with the corresponding dispenser number. It is recommended that the symbol key be amended to accurately reflect the information on the map, such as removing the L1 from the symbol key and replacing ?2/1? with the icon used to identify dispenser pumps on the map. 3) Submit a copy of the completed Monitoring System

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WORLD OIL #52 (Continued) **S121793217**

Certification and spill bucket test reports to HMCD within 30 days. On-site for an Annual Monitoring System Certification on 10/20/2016 performed by Service [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Onsite to oversee UST annual monitoring certificaiton testing conducted by Service Station Systems Inc. Technician Jesse Rodriguez had current ICC, Veeder Root Level 4, and VMI tester certifications. Four tanks onsite, three operational and one abandoned in place. Per Mr. Chandler, closure overseen by Fire Department. Observed that fill bucket and STP sump are filled with a compacted clay/soil. --IF POSSIBLE, PLEASE PROVIDE A COPY OF THE REPORT THAT DOCUMENTED CLOSURE OF THE TANK. 87, 89 and 91 tank annular sensors provided audible and visual alarms at monitoring panel. 87, 89 and 91 tank STP sump sensors provided audible and visual alarms at monitoring panel as well as turbine shutdown. 87, 89 and 91 tank fill sump sensors provided audible and visual alarms at monitoring panel as well as turbine shutdown. * Not required, but programmed and as operated. UDC 1/2, 3/4, 5/6, 7/8 sensors provided audible and visual alarms at monitoring panel as well as turbine [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Enforcement Action:
Site ID: 86612
Site Name: WORLD OIL #52
Site Address: 16720 MONTEREY RD
Site City: MORGAN HILL
Site Zip: 95037
Enf Action Date: 03-28-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Site Address: 16720 MONTEREY RD
Site City: MORGAN HILL
Site Zip: 95037
Enf Action Date: 10-09-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

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WORLD OIL #52 (Continued) **S121793217**

Site ID:	86612
Site Name:	WORLD OIL #52
Site Address:	16720 MONTEREY RD
Site City:	MORGAN HILL
Site Zip:	95037
Enf Action Date:	10-09-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Santa Clara County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS

Site ID:	86612
Site Name:	WORLD OIL #52
Site Address:	16720 MONTEREY RD
Site City:	MORGAN HILL
Site Zip:	95037
Enf Action Date:	10-10-2013
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Santa Clara County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS

Coordinates:

Site ID:	86612
Facility Name:	WORLD OIL #52
Env Int Type Code:	HWG
Program ID:	10075942
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	37.121593
Longitude:	-121.647377

Affiliation:

Affiliation Type Desc:	Operator
Entity Name:	World Oil Marketing Company
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 928-0100

Affiliation Type Desc:	Environmental Contact
Entity Name:	John P. Hundley
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90280
Affiliation Phone:	Not reported

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WORLD OIL #52 (Continued) **S121793217**

Affiliation Type Desc:	Identification Signer
Entity Name:	Jim Tostado
Entity Title:	Director
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	BOST LAND, LLC
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90280
Affiliation Phone:	(562) 928-0100

Affiliation Type Desc:	Property Owner
Entity Name:	BOST LAND, LLC
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90280
Affiliation Phone:	(562) 928-0100

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Jim Tostado
Entity Title:	Director
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 928-0100

Affiliation Type Desc:	UST Tank Owner
Entity Name:	World Oil Marketing Company
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90280
Affiliation Phone:	(562) 928-0100

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported

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WORLD OIL #52 (Continued) **S121793217**

Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400
Affiliation Type Desc:	Document Preparer
Entity Name:	Evelyn Kywe
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90280
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	World Oil Marketing Company
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90280
Affiliation Phone:	(562) 928-0100
Affiliation Type Desc:	Parent Corporation
Entity Name:	World Oil Marketing Company
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Operator
Entity Name:	World Oil Marketing Company
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90280
Affiliation Phone:	(562) 928-0100

CERS TANKS:

Name:	WORLD OIL #52
Address:	16720 MONTEREY RD

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WORLD OIL #52 (Continued) **S121793217**

City,State,Zip: MORGAN HILL, CA 95037
Site ID: 86612
CERS ID: 10075942
CERS Description: Underground Storage Tank

Violations:

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-25-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 11/22/2017. Inventory amounts for gasoline contaminated test water are below those observed. Due to additional testing in 2017, 3x55 (165) total gal of gas-water is onsite. CERS disclosed 55 gallons. Additionally, CERS discloses this waste as "waste oil water mixture" when it should be waste gasoline mixture. PLEASE UPDATE CHEMICAL NAME IN CERS, AND EITHER ARRANGE FOR DISPOSAL OF EXCESS LIQUID OR CHANGE REPORTING TO NOTE VOLUMES OBSERVED.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-25-2017
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 11/22/2017. Site did not annually certify and submit HMBP in 2015.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-20-2016
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 01/20/2017. 1) The CFO Letter coverage amount identified on the Certification Financial Responsibility Form is incorrectly listed as $2,000,000. Update the CFO Letter coverage amount to list $10,000. 2) The coverage amount line item for both the State UST Fund and the CFO Letter should include the phrase ?per occurrence and annual aggregate" after the coverage amount (e.g. $10,000 per occurrence and annual aggregate). NOTE: A "marked-up" copy of the Certification of Financial Responsibility will be provided with this inspection report.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

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WORLD OIL #52 (Continued) **S121793217**

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-20-2016
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)
Violation Description: Failure to submit or update a plot plan.
Violation Notes: Returned to compliance on 11/02/2016. The location of the following sensors are not identified on the UST Site Plan: - The Veeder-Root 794380-208 sensors in the UDC pans - The mechanical line leak detectors in the STP sumps
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-10-2013
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Operations/Maintenance - General
Violation Notes: Sensor L9 did not function when initially tested. After shaking the sensor and dislodging the float mechanism, the sensor functioned as required. Violation corrected. No further action required for this violation.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-25-2017
Citation: HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Description: Failure to maintain UST records of monitoring, testing, repairing, and closure in sufficient detail to enable the CUPA to determine whether the UST systems are in compliance.
Violation Notes: Returned to compliance on 11/22/2017. Site does not have a copy of the 2017 SB989 containment test results. This was noted in the past 2 months DUSTO inspection reports (sept, oct 2017) Copies of test results have been submitted to DEH.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-10-2013
Citation: HSC 6.7 25284(a)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)
Violation Description: Failure to submit, maintain, or implement an owner/operator written agreement.
Violation Notes: Returned to compliance on 10/28/2013. A written agreement between the UST system Owner and the UST system Operator is not observed in facility records. Lease agreement observed, but did not contain a specific agreement between the Owner and Operator regarding the UST system and did not contain a copy of California Health and Safety Code

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WORLD OIL #52 (Continued) **S121793217**

Section 25299.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-25-2017
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements:Monitor at least hourly.Be capable of detecting a release of 3.0 gallons per hour at 10 p.s.i.g. Restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 10/25/2017. The LD2000 model MLLD on the 91 unleaded tank failed twice to detect a simulated leak. The LLD was replaced during the inspection and retested. Newly installed LLD was able to detect the leak. Upon removal of non-operational LLD, it was noted that it was stuck in the open position (photo taken). NO CORRECTIVE ACTION REQUIRED, VIOLATION ABATED DURING INSPECTION
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 03-28-2014
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes: Returned to compliance on 10/25/2017. OBSERVE 2X55 GAL DRUMS STORING WASTE FLAMMABLE LIQUIDS AND WASTE FLAMMABLE SOLIDS WITH AN ACCUMULATION START DATE OF 1/9/12 AND 9/16/11. ADDITIONALLY, BASED ON RECORDS REVIEW THE LAST TIME THERE WAS A HAZARDOUS WASTE PICK UP AT THIS LOCATION WAS ON 09/06/11 AND 08/15/11. DISPOSE OF THESE DRUMS IMMEDIATELY AND PROVIDE COPIES OF HAZARDOUS WASTE MANIFESTS TO MY OFFICE. IN THE FUTURE DO NOT EXCEED THE ACCUMULATION TIME LIMIT OF 180 DAYS.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-15-2015
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs.
Violation Notes: Returned to compliance on 11/03/2015. THE MLLD FOR THE 89 TANK FAILED WHEN IT WAS TESTED DURING THIS INSPECTION. REPLACE AND RETEST MLLD.

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WORLD OIL #52 (Continued) **S121793217**

MLLD NEEDS TO BE REPLACED WITH A LIKE-FOR-LIKE ONE. A PERMIT IS NOT REQUIRED FROM OUR DEPARTMENT. NOTIFY OUR OFFICE WHEN THIS ISSUED IS RESOLVED.

Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-10-2013
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 10/28/2013. The following UST system required documents were not observed in facility records: -UST-A (Facility Information Page) -UST-B (Tank Information Page) -Monitoring Plan (current version; 1996 out-dated plan observed) -Response Plan *Sumbit these forms as well as the current Certification of Financial Responsibility and Designated Operator Notification and Owner Statement of Compliance to HMCD within 30 days.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 03-01-2017
Citation: HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)
Violation Description: Failure to maintain secondary containment (e.g. failure of secondary containment testing).
Violation Notes: Returned to compliance on 07/31/2017. The UDC of dispenser 3/4 failed an initial 15 minute Incon accelerated hydrostatic test as well as a retest. Continue to troubleshoot UDC failures, and repair or replace failed components as necessary. Notify HMCD of the scope of any repairs to be performed, and note that a repair permit from HMCD may be necessary depending upon the repair(s) needed.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-10-2013
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description: Failure of sensor to be located in the proper position/location.
Violation Notes: Returned to compliance on 10/28/2013. Sensor L16 for monitoring of the Regular Unleaded (87) Fill sump was observed to be resting in the sensor holder approximately six (6) inches above the bottom of the sump. Fill ports have straight drop tubes (i.e. no mechanical overfill prevention mechanism). This sensor was replaced to the lowest position within this sump by Service Station Systems, Inc. technicians following testing today, 10/10/2013. Violation corrected. No further action required for this violation.
Violation Division: Santa Clara County Environmental Health

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WORLD OIL #52 (Continued) **S121793217**

Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-25-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 11/22/2017. 2x55 drums "hydro test water" missing properties on labels. 1x55 drum gasoline solids marked with "first drop" date, but not with start date for CESQG (more than 100 kg total waste onsite as of 8/31/17)
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-09-2014
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: THE LAST TIME YOUR HAZARDOUS MATERIAL INVENTORY WAS UPDATED WAS ON 3/2013 YOUR INVENTORY NEEDS TO BE CERTIFIED ANNUALLY. ADDITIONALLY, THE HAZARDOUS WASTE STORED AT THIS SITE NEEDS TO BE LISTED ON YOUR INVENTORY. UPDATE THIS INFORMATION IMMEDIATELY.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-09-2014
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs.
Violation Notes: Returned to compliance on 10/09/2014. THE MLLD FOR THE SUPREME (91) TANK FAILED WHEN IT WAS TESTED TODAY. TECHNICIAN REPLACED THE MLLD WITH A LIKE-FOR-LIKE (VMI LD2000) AND IT WAS RETESTED DURING THIS INSPECTION AND IT PASSED. NO FURTHER ACTION IS REQUIRED.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-20-2016

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WORLD OIL #52 (Continued) **S121793217**

Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 11/02/2016. Veeder-Root (VR) 794380-208 sensors are located in each under dispenser containment (UDC) pan. The UST Monitoring Plans for all UST systems identify the VR 794380-208 sensors as the leak sensor monitoring the UDCs. While Bravo Float and Chain Assemblies are also in each UDC pan, the float and chain assemblies are not identified on the UST Monitoring Plan and are not tested annually for functionality. Either change the line item, "UDC Monitoring Stops Flow of Product at Dispenser." to "no" as the VR 794380-208 sensors do not stop the flow of product at dispenser -or- Update the UDC Leak Sensor Manufacturer and UDC Leak Sensor Model to include both the 208 sensors and the float and chain assemblies, have the float and chain assemblies? functionality tested annually, and include the float and chain assemblies on the Annual Monitoring System Certifications. NOTE: A "marked-up" copy of the UST Monitoring Plans will be provided with this inspection report.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-24-2018
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,?2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October?1,?2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes: Site is unable to demonstrate that proper overfill prevention is installed on the 89 and 91 tanks. 9/28/18 inspection could not confirm that ball floats are installed. Site is using audible/visual alarm for overfill prevention. In order to demonstrate compliance one of the following must be confirmed: a) Vent piping is double walled (CERS indicates that this is the case, but it could not be confirmed during

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WORLD OIL #52 (Continued) **S121793217**

the inspection and the Overfill Prevention Equipment Inspection form indicates that these lines are single walled) b) ball floats are installed on these two tanks (CERS says this is NOT the case, and the Overfill Prevention Equipment Inspection form notes "restricts flow" as what happens when overfill activated) If neither option above can be confirmed, the system must be fitted with mechanical flow shut off valves in the fuel drop tubes and CERS must be updated to reflect this change. Permits required to install/retrofit system.

Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 03-01-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: On-site to observe secondary containment testing. Testing was performed by Shaun Malone of Able Maintenance. Mr. Malone has the following certifications observed as current: -ICC UST Service Technician -Incon Sump Test System Operation Level 4 Tank annular spaces are hydrostatically monitored and therefore were not tested. Product piping runs were tested with a 60 minute pressure test @ 5 psig with the following results: -87-1, PASS -87-2, PASS -91, PASS STP sumps were tested with a 15 minute Incon accelerated hydrostatic test with the following results: -87-1, PASS -87-2, PASS -91, PASS Fill sumps were tested with a 15 minute Incon accelerated hydrostatic test with the following results: -87-1, PASS -87-2, PASS -91, PASS UDCs were tested with a 15 minute Incon accelerated hydrostatic test with the following results: -Dispenser 1/2, failed initially but upon retest PASS -Dispenser 3/4, FAIL -Dispenser 5/6, PASS -Dispenser 7/8, [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-28-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ON-SITE ON 3/13/14 TO OVERSEE PARTIAL SB989 TESTING. TESTING WAS CONDUCTED BY JAMES MOORE WITH ABLE MAINTENANCE. MR. MOORE IS CURRENT WITH ALL OF HIS CERTIFICATIONS. SITE SET-UP; T1- 87 DW TANK T2-89 DW TANK T3-91 DW TANK THE FOLLOWING COMPONENTS WERE TESTED AND PASSED AT THE TIME I WAS THERE TO OBSERVE; -91 STP SUMP TESTED USING THE ACCELERATED INCON METHOD. THE FOLLOWING COMPONENTS WERE TESTED AND FAILED AT THE TIME I WAS THERE TO OBSERVE; -89 STP SUMP FAILED THE INCON METHOD TESTING -89 PIPING LINE WAS LOOSING PRESSURE THE 91 AND 87 SECONDARY PIPING LINES WERE HOLDING PRESSURE AT 5 PSI. NOTES: OBSERVED ONE OF THE UST'S FILLED WITH CONCRETE AND IT APPEARS TO HAVE BEEN CLOSED IN PLACE. PROVIDE DOCUMENTATION TO OUR DEPARTMENT SHOWING THAT THIS UST WAS CLOSED WITH REQUIRED PERMITS UNDER A FIRE DEPARTMENT JURISDICTION. WITHIN 30 DAYS PROVIDE A COPY OF THE TESTING REPORT TO OUR OFFICE.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

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WORLD OIL #52 (Continued) **S121793217**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-09-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-10-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: CERS ID# 10075942 CERS Submittal for HMBP compliance made on 3/28/13 (Facility & Inventory elements submitted). Inventory Submitted: 20,000 Gallon Regular Unleaded 12,000 Gallon Plus Unleaded 12,000 Gallon Premium Unleaded
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-10-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: EPA ID# CAD981160724.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Site generates waste from manitenane and operation of UST system as well as spill clean up. EPA ID CAD981160724, active as of date of inspection Reviewed manifests from 2015, 2017. All TSDF copies available. --Noted letter from Belshire to station noting correction of manifest data PLEASE CONFIRM, IN RESPONSE TO THIS REPORT, THAT BELSHIRE HAS ALSO FILED A MANIFEST CORRECTION LETTER WITH DTSC FOR THESE CORRECTIONS. --Manifest correction in 2017 noted for waste coding, was problem historically (2015 and prior) re: adding federal waste codes on manifests even though site is federal CESQG. Current onsite inventory includes 2x55 gallon drums gas contaminated test water, 1x55 partially full gas contaminated solids (and 1x55 gas contaminated liquids which is empty). Solids drum with start date 3/15/17, test water drums 8/31/17
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-13-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: witness partial testing of SB989
Eval Division: Santa Clara County Environmental Health

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WORLD OIL #52 (Continued) **S121793217**

Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-09-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ON-SITE TO OVERSEE AN ANNUAL MONITORING SYSTEM CERTIFICATION. TESTING WAS CONDUCTED BY JESSE RODRIGUEZ WITH SSS. MR. RODRIGUEZ HAS THE FOLLOWING CERTIFICATIONS; ICC#8024952 EXP., 10/30/15; VR#B37358 EXP., 1/7/15; VMI#2659 EXP., 4/6/16 PRIOR AND AFTER COMPLETION OF TESTING THERE WERE NO ACTIVE ALARMS IN THE GILBARCO EMC PANEL. THE FOLLOWING COMPONENTS WERE TESTED AND PASSED DURING TODAY'S INSPECTION: - 3 STP SUMP SENSORS - 3 FILL SUMP SENSORS - 3 ANNULAR SENSORS - 4 UDC SENSORS * ALL SENSORS PROVIDED A POSITIVE SHUT DOWN CONDITION AT THE TURBINE. - FAIL SAFE AND SENSOR OUT WERE VERIFIED - ESO WAS VERIFIED - 2 MLLD WERE VERIFIED - 3 SPILL BUCKETS WERE HYDROSTATICALLY TESTED FOR AN HOUR AND PASSED - OVERFILL PREVENTION IN ALL 3 UST'S WAS VERIFIED TO BE AT 90% BY TESTING THE ATG PROBE. THE FOLLOWING INFORMATION WAS REVIEWED: - LIST OF TRAINED EMPLOYEES - DO MONTHLY RECORDS - MAINTENANCE RECORDS - ALL UST FORMS, UST MONITORING PLAN, UST RESPONSE PLAN, [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-15-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ON-SITE TO OVERSEE AN ANNUAL MONITORING SYSTEM CERTIFICATION. TESTING WAS CONDUCTED BY ISRAEL SANTILLAN WITH SSS. MR. SANTILLAN HAS THE FOLLOWING CERTIFICATIONS; ICC#8057571 EXP., 10/2/17; VR CERTIFICATION EXP., 5/11/17; VMI CERTIFICATION EXP., 6/10/17. PRIOR AND AFTER COMPLETION OF TESTING THERE WERE NO ACTIVE ALARMS IN THE GILBARCO EMC PANEL. THE FOLLOWING COMPONENTS WERE TESTED AND PASSED DURING TODAY'S INSPECTION: - 3 STP SUMP SENSORS - 3 FILL SUMP SENSORS - 3 ANNULAR SENSORS - 4 UDC SENSORS * ALL SENSORS PROVIDED A POSITIVE SHUT DOWN CONDITION AT THE TURBINE. - FAIL SAFE AND SENSOR OUT WERE VERIFIED - 2 MLLD WERE VERIFIED - 3 SPILL BUCKETS WERE HYDROSTATICALLY TESTED FOR AN HOUR AND PASSED - OVERFILL PREVENTION IN ALL 3 UST'S WAS VERIFIED TO BE AT 90% BY TESTING THE ATG PROBE. THE FOLLOWING INFORMATION WAS REVIEWED: - LIST OF TRAINED EMPLOYEES - DO MONTHLY RECORDS - MAINTENANCE RECORDS - ALL UST INFORMATION WAS REVIEWED ON CERS DURING THIS [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-28-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

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WORLD OIL #52 (Continued) **S121793217**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-24-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Onsite to witness annual UST monitoring system testing conducgted by Belshire, technician Mark Riley. Mr. Riley holds valid ICC (exp 1/24/19), Veeder Root (exp 10/18/20) and VMI LD tester (exp 1/21/20) certifications. System is three tanks, with a fourth tank onsite, but closed/abandonded in place. Sensors in UDCs, fill and STP sumps provided audible and visual alarms as well as shutdown of turbine. Tank annular sensors provided audible and visual alarms at monitoring panel. Line leak detectors were able to detect a simulated 3gph, 10psi leak and demonstrated slow flow of product at dispenser. Overfill prevention provided by electronic probe set to provide audible and visual alarms at point of fill when tank 90% full. - Triennial testing of system conducted 9/28/18. Results indicated failures for 89 and 91 tank due to inability to confirm installation of ball valves on vent lines. Sensor out and power out both demonstrated ability to shut down turbines. Spill [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: CERS ID 10075942 Annual inventory submitted 12/5/16. Prior annual submittal 10/16/14 Reviewed response plan, emergency plan and map. All elements OK Inventory (with exception above) meets reported quantity and location. Training is provided and documented as part of UST annual training and does discuss both spills and evacuation.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On-site to witness a lake test of a repaired (electrical penetration) in the UDC at dispenser 3/4. Today's testing was conducted by Shawn Sbragia with Able Maintenance, Inc. Mr. Sbragia held valid ICC UST Service Technician, exp: 12/1/18 and ICON Level 4 Sump tester, exp: Mar 10, 2019. The repair was completed by Kelly Burningham with Able Maintenance, Inc. Mr. Burningham held valid ICC UST Installation/Retrofitting exp: 01/20/2019 and ICON Containment Solutions exp: April14, 2018. The lake test was completed an INCON TS-STS Tester for 15-minutes: PASS. The dispenser is approved to be used as designed. Provide a copy of the abbreviated Secondary Containment report, documenting the repair and retest of UDC 3/4 by 9/30/17. Ensure that a copy of this report and corresponding documentation regarding this repair is provided to the facility for future inspections. For questions regarding this report contact Ray Maiden at 408-918-1980 or via email at [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST

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WORLD OIL #52 (Continued) **S121793217**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-10-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-24-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NOTES TO FACILITY: 1) The UST Permit to Operate expires October 31, 2016. The UST Permit to Operate cannot be renewed until all open violations have been corrected and compliance has been verified by HMCD [23 CCR 2712(e)]. 2) It is of note that the symbol key identifies the leak detector symbol as a hexagon with ?L1? in the center, but the L- number changes for each hexagon identifying a sensor on the map. The symbol key also identifies dispenser pumps as ?2/1? but the number on the map changes with the corresponding dispenser number. It is recommended that the symbol key be amended to accurately reflect the information on the map, such as removing the L1 from the symbol key and replacing ?2/1? with the icon used to identify dispenser pumps on the map. 3) Submit a copy of the completed Monitoring System Certification and spill bucket test reports to HMCD within 30 days. On-site for an Annual Monitoring System Certification on 10/20/2016 performed by Service [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Onsite to oversee UST annual monitoring certificaiton testing conducted by Service Station Systems Inc. Technician Jesse Rodriguez had current ICC, Veeder Root Level 4, and VMI tester certifications. Four tanks onsite, three operational and one abandoned in place. Per Mr. Chandler, closure overseen by Fire Department. Observed that fill bucket and STP sump are filled with a compacted clay/soil. --IF POSSIBLE, PLEASE PROVIDE A COPY OF THE REPORT THAT DOCUMENTED CLOSURE OF THE TANK. 87, 89 and 91 tank annular sensors provided audible and visual alarms at monitoring panel. 87, 89 and 91 tank STP sump sensors provided audible and visual alarms at monitoring panel as well as turbine shutdown. 87, 89 and 91 tank fill sump sensors provided audible and visual alarms at monitoring panel as well as turbine shutdown. * Not required, but programmed and as operated. UDC 1/2, 3/4, 5/6, 7/8 sensors provided audible and visual alarms at monitoring panel as well as turbine [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

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WORLD OIL #52 (Continued) **S121793217**

Enforcement Action:

Site ID:	86612
Site Name:	WORLD OIL #52
Site Address:	16720 MONTEREY RD
Site City:	MORGAN HILL
Site Zip:	95037
Enf Action Date:	03-28-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Santa Clara County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS

Site ID:	86612
Site Name:	WORLD OIL #52
Site Address:	16720 MONTEREY RD
Site City:	MORGAN HILL
Site Zip:	95037
Enf Action Date:	10-09-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Santa Clara County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Site ID:	86612
Site Name:	WORLD OIL #52
Site Address:	16720 MONTEREY RD
Site City:	MORGAN HILL
Site Zip:	95037
Enf Action Date:	10-09-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Santa Clara County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS

Site ID:	86612
Site Name:	WORLD OIL #52
Site Address:	16720 MONTEREY RD
Site City:	MORGAN HILL
Site Zip:	95037
Enf Action Date:	10-10-2013
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Santa Clara County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS

Coordinates:

Site ID:	86612
Facility Name:	WORLD OIL #52

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WORLD OIL #52 (Continued) **S121793217**

Env Int Type Code:	HWG
Program ID:	10075942
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	37.121593
Longitude:	-121.647377

Affiliation:

Affiliation Type Desc:	Operator
Entity Name:	World Oil Marketing Company
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 928-0100

Affiliation Type Desc:	Environmental Contact
Entity Name:	John P. Hundley
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90280
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Jim Tostado
Entity Title:	Director
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	BOST LAND, LLC
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90280
Affiliation Phone:	(562) 928-0100

Affiliation Type Desc:	Property Owner
Entity Name:	BOST LAND, LLC
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90280
Affiliation Phone:	(562) 928-0100

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WORLD OIL #52 (Continued) **S121793217**

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Jim Tostado
Entity Title:	Director
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 928-0100

Affiliation Type Desc:	UST Tank Owner
Entity Name:	World Oil Marketing Company
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90280
Affiliation Phone:	(562) 928-0100

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Document Preparer
Entity Name:	Evelyn Kywe
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90280
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	World Oil Marketing Company
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	United States

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WORLD OIL #52 (Continued) **S121793217**

Affiliation Zip:	90280
Affiliation Phone:	(562) 928-0100
Affiliation Type Desc:	Parent Corporation
Entity Name:	World Oil Marketing Company
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Operator
Entity Name:	World Oil Marketing Company
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90280
Affiliation Phone:	(562) 928-0100

CERS:

Name:	WORLD OIL #52
Address:	16720 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	86612
CERS ID:	10075942
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	86612
Site Name:	WORLD OIL #52
Violation Date:	10-25-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 11/22/2017. Inventory amounts for gasoline contaminated test water are below those observed. Due to additional testing in 2017, 3x55 (165) total gal of gas-water is onsite. CERS disclosed 55 gallons. Additionally, CERS discloses this waste as "waste oil water mixture" when it should be waste gasoline mixture. PLEASE UPDATE CHEMICAL NAME IN CERS, AND EITHER ARRANGE FOR DISPOSAL OF EXCESS LIQUID OR CHANGE REPORTING TO NOTE VOLUMES OBSERVED.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	86612
Site Name:	WORLD OIL #52
Violation Date:	10-25-2017
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2

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WORLD OIL #52 (Continued) **S121793217**

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 11/22/2017. Site did not annually certify and submit HMBP in 2015.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-20-2016
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 01/20/2017. 1) The CFO Letter coverage amount identified on the Certification Financial Responsibility Form is incorrectly listed as $2,000,000. Update the CFO Letter coverage amount to list $10,000. 2) The coverage amount line item for both the State UST Fund and the CFO Letter should include the phrase ?per occurrence and annual aggregate" after the coverage amount (e.g. $10,000 per occurrence and annual aggregate). NOTE: A "marked-up" copy of the Certification of Financial Responsibility will be provided with this inspection report.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-20-2016
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)
Violation Description: Failure to submit or update a plot plan.
Violation Notes: Returned to compliance on 11/02/2016. The location of the following sensors are not identified on the UST Site Plan: - The Veeder-Root 794380-208 sensors in the UDC pans - The mechanical line leak detectors in the STP sumps
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-10-2013
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Operations/Maintenance - General
Violation Notes: Sensor L9 did not function when initially tested. After shaking the sensor and dislodging the float mechanism, the sensor functioned as required. Violation corrected. No further action required for this violation.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

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WORLD OIL #52 (Continued) **S121793217**

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-25-2017
Citation: HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Description: Failure to maintain UST records of monitoring, testing, repairing, and closure in sufficient detail to enable the CUPA to determine whether the UST systems are in compliance.
Violation Notes: Returned to compliance on 11/22/2017. Site does not have a copy of the 2017 SB989 containment test results. This was noted in the past 2 months DUSTO inspection reports (sept, oct 2017) Copies of test results have been submitted to DEH.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-10-2013
Citation: HSC 6.7 25284(a)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)
Violation Description: Failure to submit, maintain, or implement an owner/operator written agreement.
Violation Notes: Returned to compliance on 10/28/2013. A written agreement between the UST system Owner and the UST system Operator is not observed in facility records. Lease agreement observed, but did not contain a specific agreement between the Owner and Operator regarding the UST system and did not contain a copy of California Health and Safety Code Section 25299.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-25-2017
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements:Monitor at least hourly.Be capable of detecting a release of 3.0 gallons per hour at 10 p.s.i.g. Restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 10/25/2017. The LD2000 model MLLD on the 91 unleaded tank failed twice to detect a simulated leak. The LLD was replaced during the inspection and retested. Newly installed LLD was able to detect the leak. Upon removal of non-operational LLD, it was noted that it was stuck in the open position (photo taken). NO CORRECTIVE ACTION REQUIRED, VIOLATION ABATED DURING INSPECTION
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 03-28-2014
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22,

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WORLD OIL #52 (Continued) **S121793217**

Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes: Returned to compliance on 10/25/2017. OBSERVE 2X55 GAL DRUMS STORING WASTE FLAMMABLE LIQUIDS AND WASTE FLAMMABLE SOLIDS WITH AN ACCUMULATION START DATE OF 1/9/12 AND 9/16/11. ADDITIONALLY, BASED ON RECORDS REVIEW THE LAST TIME THERE WAS A HAZARDOUS WASTE PICK UP AT THIS LOCATION WAS ON 09/06/11 AND 08/15/11. DISPOSE OF THESE DRUMS IMMEDIATELY AND PROVIDE COPIES OF HAZARDOUS WASTE MANIFESTS TO MY OFFICE. IN THE FUTURE DO NOT EXCEED THE ACCUMULATION TIME LIMIT OF 180 DAYS.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-15-2015
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs.
Violation Notes: Returned to compliance on 11/03/2015. THE MLLD FOR THE 89 TANK FAILED WHEN IT WAS TESTED DURING THIS INSPECTION. REPLACE AND RETEST MLLD. MLLD NEEDS TO BE REPLACED WITH A LIKE-FOR-LIKE ONE. A PERMIT IS NOT REQUIRED FROM OUR DEPARTMENT. NOTIFY OUR OFFICE WHEN THIS ISSUED IS RESOLVED.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-10-2013
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 10/28/2013. The following UST system required documents were not observed in facility records: -UST-A (Facility Information Page) -UST-B (Tank Information Page) -Monitoring Plan (current version; 1996 out-dated plan observed) -Response Plan *Sumbit these forms as well as the current Certification of Financial Responsibility and Designated Operator Notification and Owner Statement of Compliance to HMCD within 30 days.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 03-01-2017
Citation: HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),

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WORLD OIL #52 (Continued) **S121793217**

	25290.2(c), 25291(a)(2), 25292(e)
Violation Description:	Failure to maintain secondary containment (e.g. failure of secondary containment testing).
Violation Notes:	Returned to compliance on 07/31/2017. The UDC of dispenser 3/4 failed an initial 15 minute Incon accelerated hydrostatic test as well as a retest. Continue to troubleshoot UDC failures, and repair or replace failed components as necessary. Notify HMCD of the scope of any repairs to be performed, and note that a repair permit from HMCD may be necessary depending upon the repair(s) needed.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	86612
Site Name:	WORLD OIL #52
Violation Date:	10-10-2013
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of sensor to be located in the proper position/location.
Violation Notes:	Returned to compliance on 10/28/2013. Sensor L16 for monitoring of the Regular Unleaded (87) Fill sump was observed to be resting in the sensor holder approximately six (6) inches above the bottom of the sump. Fill ports have straight drop tubes (i.e. no mechanical overfill prevention mechanism). This sensor was replaced to the lowest position within this sump by Service Station Systems, Inc. technicians following testing today, 10/10/2013. Violation corrected. No further action required for this violation.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	86612
Site Name:	WORLD OIL #52
Violation Date:	10-25-2017
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 11/22/2017. 2x55 drums "hydro test water" missing properties on labels. 1x55 drum gasoline solids marked with "first drop" date, but not with start date for CESQG (more than 100 kg total waste onsite as of 8/31/17)
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	86612
Site Name:	WORLD OIL #52
Violation Date:	10-09-2014
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes:	THE LAST TIME YOUR HAZARDOUS MATERIAL INVENTORY WAS UPDATED WAS ON

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WORLD OIL #52 (Continued) **S121793217**

3/2013 YOUR INVENTORY NEEDS TO BE CERTIFIED ANNUALLY. ADDITIONALLY, THE HAZARDOUS WASTE STORED AT THIS SITE NEEDS TO BE LISTED ON YOUR INVENTORY. UPDATE THIS INFORMATION IMMEDIATELY.

Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-09-2014
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs.
Violation Notes: Returned to compliance on 10/09/2014. THE MLLD FOR THE SUPREME (91) TANK FAILED WHEN IT WAS TESTED TODAY. TECHNICIAN REPLACED THE MLLD WITH A LIKE-FOR-LIKE (VMI LD2000) AND IT WAS RETESTED DURING THIS INSPECTION AND IT PASSED. NO FURTHER ACTION IS REQUIRED.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-20-2016
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 11/02/2016. Veeder-Root (VR) 794380-208 sensors are located in each under dispenser containment (UDC) pan. The UST Monitoring Plans for all UST systems identify the VR 794380-208 sensors as the leak sensor monitoring the UDCs. While Bravo Float and Chain Assemblies are also in each UDC pan, the float and chain assemblies are not identified on the UST Monitoring Plan and are not tested annually for functionality. Either change the line item, "UDC Monitoring Stops Flow of Product at Dispenser." to "no" as the VR 794380-208 sensors do not stop the flow of product at dispenser -or- Update the UDC Leak Sensor Manufacturer and UDC Leak Sensor Model to include both the 208 sensors and the float and chain assemblies, have the float and chain assemblies? functionality tested annually, and include the float and chain assemblies on the Annual Monitoring System Certifications. NOTE: A "marked-up" copy of the UST Monitoring Plans will be provided with this inspection report.
Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Violation Date: 10-24-2018
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when

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WORLD OIL #52 (Continued) **S121793217**

the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,?2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October?1,?2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.

Violation Notes: Site is unable to demonstrate that proper overfill prevention is installed on the 89 and 91 tanks. 9/28/18 inspection could not confirm that ball floats are installed. Site is using audible/visual alarm for overfill prevention. In order to demonstrate compliance one of the following must be confirmed: a) Vent piping is double walled (CERS indicates that this is the case, but it could not be confirmed during the inspection and the Overfill Prevention Equipment Inspection form indicates that these lines are single walled) b) ball floats are installed on these two tanks (CERS says this is NOT the case, and the Overfill Prevention Equipment Inspection form notes "restricts flow" as what happens when overfill activated) If neither option above can be confirmed, the system must be fitted with mechanical flow shut off valves in the fuel drop tubes and CERS must be updated to reflect this change. Permits required to install/retrofit system.

Violation Division: Santa Clara County Environmental Health
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-01-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: On-site to observe secondary containment testing. Testing was performed by Shaun Malone of Able Maintenance. Mr. Malone has the following certifications observed as current: -ICC UST Service Technician -Incon Sump Test System Operation Level 4 Tank annular spaces are hydrostatically monitored and therefore were not tested. Product piping runs were tested with a 60 minute pressure test @ 5 psig with the following results: -87-1, PASS -87-2, PASS -91, PASS STP sumps were tested with a 15 minute Incon accelerated hydrostatic test with the following results: -87-1, PASS -87-2, PASS -91, PASS Fill sumps were tested with a 15 minute Incon accelerated hydrostatic test with the following results: -87-1, PASS -87-2, PASS -91, PASS UDCs were tested with a 15 minute Incon accelerated hydrostatic test with

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WORLD OIL #52 (Continued) **S121793217**

the following results: -Dispenser 1/2, failed initially but upon retest PASS -Dispenser 3/4, FAIL -Dispenser 5/6, PASS -Dispenser 7/8, [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-28-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ON-SITE ON 3/13/14 TO OVERSEE PARTIAL SB989 TESTING. TESTING WAS CONDUCTED BY JAMES MOORE WITH ABLE MAINTENANCE. MR. MOORE IS CURRENT WITH ALL OF HIS CERTIFICATIONS. SITE SET-UP; T1- 87 DW TANK T2-89 DW TANK T3-91 DW TANK THE FOLLOWING COMPONENTS WERE TESTED AND PASSED AT THE TIME I WAS THERE TO OBSERVE; -91 STP SUMP TESTED USING THE ACCELERATED INCON METHOD. THE FOLLOWING COMPONENTS WERE TESTED AND FAILED AT THE TIME I WAS THERE TO OBSERVE; -89 STP SUMP FAILED THE INCON METHOD TESTING -89 PIPING LINE WAS LOOSING PRESSURE THE 91 AND 87 SECONDARY PIPING LINES WERE HOLDING PRESSURE AT 5 PSI. NOTES: OBSERVED ONE OF THE UST'S FILLED WITH CONCRETE AND IT APPEARS TO HAVE BEEN CLOSED IN PLACE. PROVIDE DOCUMENTATION TO OUR DEPARTMENT SHOWING THAT THIS UST WAS CLOSED WITH REQUIRED PERMITS UNDER A FIRE DEPARTMENT JURISDICTION. WITHIN 30 DAYS PROVIDE A COPY OF THE TESTING REPORT TO OUR OFFICE.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-09-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-10-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: CERS ID# 10075942 CERS Submittal for HMBP compliance made on 3/28/13 (Facility & Inventory elements submitted). Inventory Submitted: 20,000 Gallon Regular Unleaded 12,000 Gallon Plus Unleaded 12,000 Gallon Premium Unleaded
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-10-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: EPA ID# CAD981160724.
Eval Division: Santa Clara County Environmental Health
Eval Program: UST

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WORLD OIL #52 (Continued) **S121793217**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Site generates waste from manitenane and operation of UST system as well as spill clean up. EPA ID CAD981160724, active as of date of inspection Reviewed manifests from 2015, 2017. All TSDF copies available. --Noted letter from Belshire to station noting correction of manifest data PLEASE CONFIRM, IN RESPONSE TO THIS REPORT, THAT BELSHIRE HAS ALSO FILED A MANIFEST CORRECTION LETTER WITH DTSC FOR THESE CORRECTIONS. --Manifest correction in 2017 noted for waste coding, was problem historically (2015 and prior) re: adding federal waste codes on manifests even though site is federal CESQG. Current onsite inventory includes 2x55 gallon drums gas contaminated test water, 1x55 partially full gas contaminated solids (and 1x55 gas contaminated liquids which is empty). Solids drum with start date 3/15/17, test water drums 8/31/17
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-13-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: witness partial testing of SB989
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-09-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ON-SITE TO OVERSEE AN ANNUAL MONITORING SYSTEM CERTIFICATION. TESTING WAS CONDUCTED BY JESSE RODRIGUEZ WITH SSS. MR. RODRIGUEZ HAS THE FOLLOWING CERTIFICATIONS; ICC#8024952 EXP., 10/30/15; VR#B37358 EXP., 1/7/15; VMI#2659 EXP., 4/6/16 PRIOR AND AFTER COMPLETION OF TESTING THERE WERE NO ACTIVE ALARMS IN THE GILBARCO EMC PANEL. THE FOLLOWING COMPONENTS WERE TESTED AND PASSED DURING TODAY'S INSPECTION: - 3 STP SUMP SENSORS - 3 FILL SUMP SENSORS - 3 ANNULAR SENSORS - 4 UDC SENSORS * ALL SENSORS PROVIDED A POSITIVE SHUT DOWN CONDITION AT THE TURBINE. - FAIL SAFE AND SENSOR OUT WERE VERIFIED - ESO WAS VERIFIED - 2 MLLD WERE VERIFIED - 3 SPILL BUCKETS WERE HYDROSTATICALLY TESTED FOR AN HOUR AND PASSED - OVERFILL PREVENTION IN ALL 3 UST'S WAS VERIFIED TO BE AT 90% BY TESTING THE ATG PROBE. THE FOLLOWING INFORMATION WAS REVIEWED: - LIST OF TRAINED EMPLOYEES - DO MONTHLY RECORDS - MAINTENANCE RECORDS - ALL UST FORMS, UST MONITORING PLAN, UST RESPONSE PLAN, [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-15-2015

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WORLD OIL #52 (Continued) **S121793217**

Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	ON-SITE TO OVERSEE AN ANNUAL MONITORING SYSTEM CERTIFICATION. TESTING WAS CONDUCTED BY ISRAEL SANTILLAN WITH SSS. MR. SANTILLAN HAS THE FOLLOWING CERTIFICATIONS; ICC#8057571 EXP., 10/2/17; VR CERTIFICATION EXP., 5/11/17; VMI CERTIFICATION EXP., 6/10/17. PRIOR AND AFTER COMPLETION OF TESTING THERE WERE NO ACTIVE ALARMS IN THE GILBARCO EMC PANEL. THE FOLLOWING COMPONENTS WERE TESTED AND PASSED DURING TODAY'S INSPECTION: - 3 STP SUMP SENSORS - 3 FILL SUMP SENSORS - 3 ANNULAR SENSORS - 4 UDC SENSORS * ALL SENSORS PROVIDED A POSITIVE SHUT DOWN CONDITION AT THE TURBINE. - FAIL SAFE AND SENSOR OUT WERE VERIFIED - 2 MLLD WERE VERIFIED - 3 SPILL BUCKETS WERE HYDROSTATICALLY TESTED FOR AN HOUR AND PASSED - OVERFILL PREVENTION IN ALL 3 UST'S WAS VERIFIED TO BE AT 90% BY TESTING THE ATG PROBE. THE FOLLOWING INFORMATION WAS REVIEWED: - LIST OF TRAINED EMPLOYEES - DO MONTHLY RECORDS - MAINTENANCE RECORDS - ALL UST INFORMATION WAS REVIEWED ON CERS DURING THIS [Truncated]
Eval Division:	Santa Clara County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-28-2014
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-24-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Onsite to witness annual UST monitoring system testing conducgted by Belshire, technician Mark Riley. Mr. Riley holds valid ICC (exp 1/24/19), Veeder Root (exp 10/18/20) and VMI LD tester (exp 1/21/20) certifications. System is three tanks, with a fourth tank onsite, but closed/abandonded in place. Sensors in UDCs, fill and STP sumps provided audible and visual alarms as well as shutdown of turbine. Tank annular sensors provided audible and visual alarms at monitoring panel. Line leak detectors were able to detect a simulated 3gph, 10psi leak and demonstrated slow flow of product at dispenser. Overfill prevention provided by electronic probe set to provide audible and visual alarms at point of fill when tank 90% full. - Triennial testing of system conducted 9/28/18. Results indicated failures for 89 and 91 tank due to inability to confirm installation of ball valves on vent lines. Sensor out and power out both demonstrated ability to shut down turbines. Spill [Truncated]
Eval Division:	Santa Clara County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-25-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency

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WORLD OIL #52 (Continued) **S121793217**

Eval Notes: CERS ID 10075942 Annual inventory submitted 12/5/16. Prior annual submittal 10/16/14 Reviewed response plan, emergency plan and map. All elements OK Inventory (with exception above) meets reported quantity and location. Training is provided and documented as part of UST annual training and does discuss both spills and evacuation.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On-site to witness a lake test of a repaired (electrical penetration) in the UDC at dispenser 3/4. Today's testing was conducted by Shawn Sbragia with Able Maintenance, Inc. Mr. Sbragia held valid ICC UST Service Technician, exp: 12/1/18 and ICON Level 4 Sump tester, exp: Mar 10, 2019. The repair was completed by Kelly Burningham with Able Maintenance, Inc. Mr. Burningham held valid ICC UST Installation/Retrofitting exp: 01/20/2019 and ICON Containment Solutions exp: April14, 2018. The lake test was completed an INCON TS-STS Tester for 15-minutes: PASS. The dispenser is approved to be used as designed. Provide a copy of the abbreviated Secondary Containment report, documenting the repair and retest of UDC 3/4 by 9/30/17. Ensure that a copy of this report and corresponding documentation regarding this repair is provided to the facility for future inspections. For questions regarding this report contact Ray Maiden at 408-918-1980 or via email at [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-10-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-24-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NOTES TO FACILITY: 1) The UST Permit to Operate expires October 31, 2016. The UST Permit to Operate cannot be renewed until all open violations have been corrected and compliance has been verified by HMCD [23 CCR 2712(e)]. 2) It is of note that the symbol key identifies the leak detector symbol as a hexagon with ?L1? in the center, but the L- number changes for each hexagon identifying a sensor on the map. The symbol key also identifies dispenser pumps as ?2/1? but the number on the map changes with the corresponding dispenser number. It is recommended that the symbol key be amended to accurately reflect the information on the map, such as removing the L1 from the symbol key and replacing ?2/1? with the icon used to identify dispenser pumps on the map. 3) Submit a copy of the completed Monitoring System

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WORLD OIL #52 (Continued) **S121793217**

Certification and spill bucket test reports to HMCD within 30 days. On-site for an Annual Monitoring System Certification on 10/20/2016 performed by Service [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Onsite to oversee UST annual monitoring certificaiton testing conducted by Service Station Systems Inc. Technician Jesse Rodriguez had current ICC, Veeder Root Level 4, and VMI tester certifications. Four tanks onsite, three operational and one abandoned in place. Per Mr. Chandler, closure overseen by Fire Department. Observed that fill bucket and STP sump are filled with a compacted clay/soil. --IF POSSIBLE, PLEASE PROVIDE A COPY OF THE REPORT THAT DOCUMENTED CLOSURE OF THE TANK. 87, 89 and 91 tank annular sensors provided audible and visual alarms at monitoring panel. 87, 89 and 91 tank STP sump sensors provided audible and visual alarms at monitoring panel as well as turbine shutdown. 87, 89 and 91 tank fill sump sensors provided audible and visual alarms at monitoring panel as well as turbine shutdown. * Not required, but programmed and as operated. UDC 1/2, 3/4, 5/6, 7/8 sensors provided audible and visual alarms at monitoring panel as well as turbine [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: UST
Eval Source: CERS

Enforcement Action:
Site ID: 86612
Site Name: WORLD OIL #52
Site Address: 16720 MONTEREY RD
Site City: MORGAN HILL
Site Zip: 95037
Enf Action Date: 03-28-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS

Site ID: 86612
Site Name: WORLD OIL #52
Site Address: 16720 MONTEREY RD
Site City: MORGAN HILL
Site Zip: 95037
Enf Action Date: 10-09-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

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WORLD OIL #52 (Continued) **S121793217**

Site ID:	86612
Site Name:	WORLD OIL #52
Site Address:	16720 MONTEREY RD
Site City:	MORGAN HILL
Site Zip:	95037
Enf Action Date:	10-09-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Santa Clara County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS

Site ID:	86612
Site Name:	WORLD OIL #52
Site Address:	16720 MONTEREY RD
Site City:	MORGAN HILL
Site Zip:	95037
Enf Action Date:	10-10-2013
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Santa Clara County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS

Coordinates:

Site ID:	86612
Facility Name:	WORLD OIL #52
Env Int Type Code:	HWG
Program ID:	10075942
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	37.121593
Longitude:	-121.647377

Affiliation:

Affiliation Type Desc:	Operator
Entity Name:	World Oil Marketing Company
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 928-0100

Affiliation Type Desc:	Environmental Contact
Entity Name:	John P. Hundley
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90280
Affiliation Phone:	Not reported

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WORLD OIL #52 (Continued) **S121793217**

Affiliation Type Desc:	Identification Signer
Entity Name:	Jim Tostado
Entity Title:	Director
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	BOST LAND, LLC
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90280
Affiliation Phone:	(562) 928-0100

Affiliation Type Desc:	Property Owner
Entity Name:	BOST LAND, LLC
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90280
Affiliation Phone:	(562) 928-0100

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Jim Tostado
Entity Title:	Director
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 928-0100

Affiliation Type Desc:	UST Tank Owner
Entity Name:	World Oil Marketing Company
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90280
Affiliation Phone:	(562) 928-0100

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported

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WORLD OIL #52 (Continued) **S121793217**

Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400
Affiliation Type Desc:	Document Preparer
Entity Name:	Evelyn Kywe
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90280
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	World Oil Marketing Company
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90280
Affiliation Phone:	(562) 928-0100
Affiliation Type Desc:	Parent Corporation
Entity Name:	World Oil Marketing Company
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Operator
Entity Name:	World Oil Marketing Company
Entity Title:	Not reported
Affiliation Address:	9302 Garfield Ave.
Affiliation City:	South Gate
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90280
Affiliation Phone:	(562) 928-0100

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B10 West < 1/8 0.050 mi. 263 ft. | **WORLD OIL MARKETING CO 52**
16720 MONTEREY HIGHWAY
MORGAN HILL, CA 95037 | **HIST UST WDS CIWQS** | **S105557732 N/A**

Site 5 of 6 in cluster B

Relative: Lower
Actual: 335 ft.

HIST UST:

Name:	WORLD OIL MARKETING CO 52
Address:	16720 MONTEREY HIGHWAY
City,State,Zip:	MORGAN HILL, CA 95037
File Number:	00020ACA
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00020ACA.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

WDS:

Name:	WORLD OIL SS #52
Address:	16720 16720 MONTEREY HWY
City:	MORGAN HILL
Facility ID:	Central Coastal 430005001
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAG993002 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	3
Facility Telephone:	Not reported
Facility Contact:	Not reported
Agency Name:	WORLD OIL MARKETING CO
Agency Address:	PO BOX 1966
Agency City,St,Zip:	SOUTH GATE 95037
Agency Contact:	JOHN HUNDLEY
Agency Telephone:	Not reported
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported

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WORLD OIL MARKETING CO 52 (Continued) **S105557732**

Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name:	WORLD OIL SS #52
Address:	16720 16720 MONTEREY HWY
City,State,Zip:	MORGAN HILL, CA 95037
Agency:	World Oil Marketing Company
Agency Address:	9302 South Garfield Avenue, South Gate, CA 90280-3896
Place/Project Type:	Other
SIC/NAICS:	5541
Region:	3
Program:	NPDNONMUNIPRCS
Regulatory Measure Status:	Historical
Regulatory Measure Type:	Enrollee
Order Number:	01-134
WDID:	3 430005001
NPDES Number:	CAG993002
Adoption Date:	Not reported
Effective Date:	09/15/2000
Termination Date:	10/13/2005
Expiration/Review Date:	Not reported
Design Flow:	0
Major/Minor:	Not reported
Complexity:	C
TTWQ:	3
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

DRAFT

B11 **WORLD OIL #52** **LUST** **S104542021**
West **16720 MONTEREY HWY** **HIST LUST** **N/A**
< 1/8 **MORGAN HILL, CA 95037**
0.050 mi.
263 ft. **Site 6 of 6 in cluster B**

Relative:
Lower

Actual:
335 ft.

LUST REG 3:

Region:	3
Regional Board:	Central Coast Region
Facility County:	Santa Clara
Global ID:	T0608502184
Status:	Pollution Characterization
Case Number:	3411
Local Case Num:	09S3E28L01f
Case Type:	A
Substance:	Gasoline
Quantity:	Not reported
Abatement Method:	Not reported
Leak Source:	Not reported
Leak Cause:	Not reported
How Stopped:	Not reported
How Discovered:	Not reported
Release Date:	04/07/1986
Discovered Date:	Not reported
Enter Date:	/ /
Stop Date:	Not reported
Review Date:	/ /
Enforce Date:	Not reported
Close Date:	Not reported
Enforcement Type:	SEL
Responsible Party:	Not reported
RP Address:	Not reported
Contact:	Not reported
Cross Street:	Not reported
Local Agency:	43099L
Lead Agency:	Local Agency
Staff Initials:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	4/11/86
Pollution Char:	05/19/1986
Remedial Plan:	Not reported
Remedial Action:	Not reported
Monitoring:	/ /
Pilot Program:	LUST
Interim Action:	Not reported
Funding:	Not reported
MTBE Class:	B
Max MTBE Grnd Wtr:	1200
Max MTBE Soil:	0
Max MTBE Data:	01/25/2002
MTBE Tested:	YES
Lat/Long:	37.1178781 / -121.645922
Soil Qualifier:	ND
Grnd Wtr Qualifier:	=
Mtbe Concentratn:	2
Mtbe Fuel:	1
Org Name:	Not reported
Basin Plan:	Not reported

DRAFT

WORLD OIL #52 (Continued) **S104542021**

Beneficial: MUN
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Distance From Well: 0
Assigned Name: Not reported
Summary: Not reported

HIST LUST SANTA CLARA:
Name: World Oil #52
Address: 16720 Monterey Hwy
City: Morgan Hill
Region: SANTA CLARA
Region Code: 3
SCVWD ID: 09S3E28L01
Oversite Agency: SCCDEH
Date Listed: 1987-01-01 00:00:00
Closed Date: Not reported

C12
ENE
< 1/8
0.100 mi.
526 ft.

AIRTRONICS METAL PRODUCTS, INC. **CERS HAZ WASTE** **S121769653**
140 SAN PEDRO AVE **CERS** **N/A**
MORGAN HILL, CA 95037

Site 1 of 11 in cluster C

Relative:
Higher

Actual:
341 ft.

CERS HAZ WASTE:
Site ID: 3740
CERS ID: 10603135
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 3740
Site Name: Airtronics Metal Products, Inc.
Violation Date: 05-04-2018
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes: Returned to compliance on 06/08/2018. Facility failed to notify property owner in writing. Corrected at time of inspection. NO FURTHER ACTION.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 3740
Site Name: Airtronics Metal Products, Inc.
Violation Date: 05-04-2018
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 06/08/2018. Metal fines from graining operation are managed as scrap metal although after a review of mill

DRAFT

AIRTRONICS METAL PRODUCTS, INC. (Continued) **S121769653**

spec sheets for aluminum (5052) indicated a possible chromium range of 0.15-0.35% (1500-3500 ppm). Additionally, metal fines from grinding operation are disposed of as non hazardous waste including fines from a grinding machine that has a vacuum attached and collects metal fines in a bag. Lastly, tumbling water that contains metal fines from deburring is evaporated in the evaporator. Manage the above waste streams as hazardous waste or perform a TTLC (and STLC if TTLC numbers indicate) for Cam17 metals.

Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 3740
Site Name: Airtronics Metal Products, Inc.
Violation Date: 05-04-2018
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes: Returned to compliance on 06/08/2018. Facility cleans liquid spray guns with acetone but sprays acetone from gun onto the paint booth filters, changing the physical state of the waste. Waste acetone can be feasible collected (eg. sprayed into container) and must be managed as hazardous waste.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 3740
Site Name: Airtronics Metal Products, Inc.
Violation Date: 05-04-2018
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 06/08/2018. Facility reported propane at 64 gallons but observed over 200 gallons on-site at time of inspection.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Most recent electronic submission was performed on 2-22-2018. Observed the following reportable hazardous materials on-site at time of inspection: Laser gas mix (Co2, He, N) Waylube oil Used Coolant/oil Coolant (GX cool 2021) Used oil Liquid Oxygen Liquid Argon Propane Acetone Paint Related Waste Powder Coatings Solvent Based paint Water based paint GF Adjust (Sodium Hydroxide) GF Adjust (213) GF Clean 1052

DRAFT

AIRTRONICS METAL PRODUCTS, INC. (Continued) **S121769653**

GF Clean 3077 LF (Phosphoric acid) Training documentation reviewed. Employees trained annually and training is documented. Training includes response to a release of threatened release of hazardous material. Note: Update inventory for the ph adjusting chemicals previously reported under a different manufacturer (eg. Fremont 757 (phosphoric acid))

Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility performs sheet metal design engineering and fabrication. Material for sheet metal predominately consists of hot or cold steel (~50%), aluminum (~30%), and stainless steel (~20%). Some galvanized or copper sheet metal may be used on rare occasion. Activities inspected on-site include but are not limited to: Graining (aluminum and steel) - Metal fines are disposed of as non hazardous waste. Mill spec sheets reviewed for aluminum and steel for metal composition. Aluminum (5052) does not contain regulated levels of copper but has a chromium range of 0.15-0.35% (1500-3500 ppm). Refer to waste determination violation. Griding - Grinding fines are disposed of as non hazardous waste including fines from a grinding machine that has a vacuum attached and collects metal fines in a bag. Refer to waste determination violation. Metal washing - Metal is washed prior to applying any coating. First state of wash contains a potassium hydroxide (GF Clean 1052) that is [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 3740
Facility Name: Airtronics Metal Products, Inc.
Env Int Type Code: HWG
Program ID: 10603135
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.121960
Longitude: -121.644560

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Fermin Rodriguez
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Airtronics Metal Products

DRAFT

AIRTRONICS METAL PRODUCTS, INC. (Continued) **S121769653**

Entity Title:	Not reported
Affiliation Address:	140 San Pedro Ave
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95037
Affiliation Phone:	(408) 977-7800

Affiliation Type Desc:	Operator
Entity Name:	Airtronics Metal Products, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 977-7800

Affiliation Type Desc:	Parent Corporation
Entity Name:	AIRTRONICS METAL PRODUCTS INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	Stacy Brunner, EHS Consulting Services
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Environmental Contact
Entity Name:	Bret Hendrickson
Entity Title:	Not reported
Affiliation Address:	140 San Pedro Ave
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

DRAFT

AIRTRONICS METAL PRODUCTS, INC. (Continued) **S121769653**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	140 San Pedro Ave
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

CERS:

Name:	AIRTRONICS METAL PRODUCTS, INC.
Address:	140 SAN PEDRO AVE
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	3740
CERS ID:	10603135
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	3740
Site Name:	Airtronics Metal Products, Inc.
Violation Date:	05-04-2018
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes:	Returned to compliance on 06/08/2018. Facility failed to notify property owner in writing. Corrected at time of inspection. NO FURTHER ACTION.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	3740
Site Name:	Airtronics Metal Products, Inc.
Violation Date:	05-04-2018
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Returned to compliance on 06/08/2018. Metal fines from graining operation are managed as scrap metal although after a review of mill spec sheets for aluminum (5052) indicated a possible chromium range of 0.15-0.35% (1500-3500 ppm). Additionally, metal fines from grinding operation are disposed of as non hazardous waste including fines from a grinding machine that has a vacuum attached and collects metal fines in a bag. Lastly, tumbling water that contains metal fines from deburring is evaporated in the evaporator. Manage the above waste streams as hazardous waste or perform a TTLC (and STLC if TTLC numbers indicate) for Cam17 metals.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	3740

DRAFT

AIRTRONICS METAL PRODUCTS, INC. (Continued) **S121769653**

Site Name: Airtronics Metal Products, Inc.
Violation Date: 05-04-2018
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes: Returned to compliance on 06/08/2018. Facility cleans liquid spray guns with acetone but sprays acetone from gun onto the paint booth filters, changing the physical state of the waste. Waste acetone can be feasible collected (eg. sprayed into container) and must be managed as hazardous waste.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 3740
Site Name: Airtronics Metal Products, Inc.
Violation Date: 05-04-2018
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 06/08/2018. Facility reported propane at 64 gallons but observed over 200 gallons on-site at time of inspection.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Most recent electronic submission was performed on 2-22-2018. Observed the following reportable hazardous materials on-site at time of inspection: Laser gas mix (Co2, He, N) Waylube oil Used Coolant/oil Coolant (GX cool 2021) Used oil Liquid Oxygen Liquid Argon Propane Acetone Paint Related Waste Powder Coatings Solvent Based paint Water based paint GF Adjust (Sodium Hydroxide) GF Adjust (213) GF Clean 1052 GF Clean 3077 LF (Phosphoric acid) Training documentation reviewed. Employees trained annually and training is documented. Training includes response to a release of threatened release of hazardous material. Note: Update inventory for the ph adjusting chemicals previously reported under a different manufacturer (eg. Fremont 757 (phosphoric acid))
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2018
Violations Found: Yes

DRAFT

AIRTRONICS METAL PRODUCTS, INC. (Continued) **S121769653**

Eval Type:	Routine done by local agency
Eval Notes:	Facility performs sheet metal design engineering and fabrication. Material for sheet metal predominately consists of hot or cold steel (~50%), aluminum (~30%), and stainless steel (~20%). Some galvanized or copper sheet metal may be used on rare occasion. Activities inspected on-site include but are not limited to: Graining (aluminum and steel) - Metal fines are disposed of as non hazardous waste. Mill spec sheets reviewed for aluminum and steel for metal composition. Aluminum (5052) does not contain regulated levels of copper but has a chromium range of 0.15-0.35% (1500-3500 ppm). Refer to waste determination violation. Griding - Grinding fines are disposed of as non hazardous waste including fines from a grinding machine that has a vacuum attached and collects metal fines in a bag. Refer to waste determination violation. Metal washing - Metal is washed prior to applying any coating. First state of wash contains a potassium hydroxide (GF Clean 1052) that is [Truncated]
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	3740
Facility Name:	Airtronics Metal Products, Inc.
Env Int Type Code:	HWG
Program ID:	10603135
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	37.121960
Longitude:	-121.644560

Affiliation:

Affiliation Type Desc:	Identification Signer
Entity Name:	Fermin Rodriguez
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Airtronics Metal Products
Entity Title:	Not reported
Affiliation Address:	140 San Pedro Ave
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95037
Affiliation Phone:	(408) 977-7800

Affiliation Type Desc:	Operator
Entity Name:	Airtronics Metal Products, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported

DRAFT

AIRTRONICS METAL PRODUCTS, INC. (Continued) **S121769653**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 977-7800

Affiliation Type Desc:	Parent Corporation
Entity Name:	AIRTRONICS METAL PRODUCTS INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	Stacy Brunner, EHS Consulting Services
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Environmental Contact
Entity Name:	Bret Hendrickson
Entity Title:	Not reported
Affiliation Address:	140 San Pedro Ave
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	140 San Pedro Ave
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

DRAFT

C13 ENE < 1/8 0.100 mi. 526 ft. | **AIRTONICS METAL PRODUCTS INC**
140 SAN PEDRO AVE
MORGAN HILL, CA 95037

RCRA NonGen / NLR | **1024848008**
CAL000403293

Site 2 of 11 in cluster C

Relative: Higher

Actual: 341 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/26/2014
Facility name:	AIRTONICS METAL PRODUCTS INC
Facility address:	140 SAN PEDRO AVE MORGAN HILL, CA 95037
EPA ID:	CAL000403293
Mailing address:	140 SAN PEDRO AVE. MORGAN HILL, CA 95037-0000
Contact:	DIANE NEFF
Contact address:	140 SAN PEDRO AVE. MORGAN HILL, CA 95037
Contact country:	Not reported
Contact telephone:	408-977-7800
Contact email:	BHENDRICKSON@AIRTRONICS.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	DIANE NEFF
Owner/operator address:	140 SAN PEDRO AVE. MORGAN HILL, CA 95037
Owner/operator country:	Not reported
Owner/operator telephone:	408-977-7800
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	AIRTRONICS METAL PRODUCTS INC
Owner/operator address:	140 SAN PEDRO AVE. MORGAN HILL, CA 95037
Owner/operator country:	Not reported
Owner/operator telephone:	408-977-7800
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No

DRAFT

AIRTONICS METAL PRODUCTS INC (Continued) **1024848008**

On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

C14
ENE
< 1/8
0.100 mi.
526 ft.

Relative:
Higher

Actual:
341 ft.

REDTREE PROPERTIES
140 SAN PEDRO AVE
MORGAN HILL, CA 95037

Site 3 of 11 in cluster C

LUST **S101309016**
HIST LUST **N/A**
CUPA Listings
HAZNET
HIST CORTESE
NPDES
CIWQS
CERS

LUST:

Name:	REDTREE PROPERTIES
Address:	140 SAN PEDRO AVE
City,State,Zip:	MORGAN HILL, CA 95037
Lead Agency:	SANTA CLARA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608526086
Global Id:	T0608526086
Latitude:	37.1218816008857
Longitude:	-121.644937992096
Status:	Completed - Case Closed
Status Date:	11/12/1993
Case Worker:	UST
RB Case Number:	3396
Local Agency:	SANTA CLARA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

LUST:

Global Id:	T0608526086
Contact Type:	Local Agency Caseworker
Contact Name:	UST CASE WORKER
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 Berger Drive, Suite 300
City:	SAN JOSE
Email:	Not reported
Phone Number:	4089183400

LUST:

Global Id:	T0608526086
Action Type:	RESPONSE
Date:	03/28/1994
Action:	Other Report / Document

Global Id: T0608526086

DRAFT

REDTREE PROPERTIES (Continued) **S101309016**

Action Type:	Other
Date:	01/01/1991
Action:	Leak Reported
Global Id:	T0608526086
Action Type:	ENFORCEMENT
Date:	11/12/1993
Action:	Closure/No Further Action Letter

LUST:

Global Id:	T0608526086
Status:	Completed - Case Closed
Status Date:	11/12/1993
Global Id:	T0608526086
Status:	Open - Case Begin Date
Status Date:	01/01/1991

LUST REG 3:

Region:	3
Regional Board:	Central Coast Region
Facility County:	Santa Clara
Global ID:	T0608526086
Status:	Case Closed
Case Number:	3396
Local Case Num:	09S3E28K01f
Case Type:	S
Substance:	0
Quantity:	Not reported
Abatement Method:	Not reported
Leak Source:	Not reported
Leak Cause:	Not reported
How Stopped:	Not reported
How Discovered:	Not reported
Release Date:	01/01/1991
Discovered Date:	Not reported
Enter Date:	/ /
Stop Date:	Not reported
Review Date:	/ /
Enforce Date:	Not reported
Close Date:	11/12/93
Enforcement Type:	Not reported
Responsible Party:	Not reported
RP Address:	Not reported
Contact:	Not reported
Cross Street:	Not reported
Local Agency:	43099L
Lead Agency:	Local Agency
Staff Initials:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	/ /
Remedial Plan:	Not reported
Remedial Action:	Not reported

DRAFT

REDTREE PROPERTIES (Continued) **S101309016**

Monitoring: / /
Pilot Program: LUST
Interim Action: Not reported
Funding: Not reported
MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: NRQ
Lat/Long: 37.122091 / -121.644944
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 0
Mtbe Fuel: 0
Org Name: Not reported
Basin Plan: Not reported
Beneficial: MUN
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Distance From Well: 0
Assigned Name: Not reported
Summary: Not reported

LUST SANTA CLARA:
Name: REDTREE PROPERTIES
Address: 140 SAN PEDRO AVE
City,State,Zip: MORGAN HILL, CA
Region: SANTA CLARA
SCVWD ID: 09S3E28K01F
Date Closed: 11/12/1993
EDR Link ID: 09S3E28K01F

HIST LUST SANTA CLARA:
Name: Redtree Properties
Address: 140 San Pedro Ave
City: Morgan Hill
Region: SANTA CLARA
Region Code: 3
SCVWD ID: 09S3E28K01
Oversite Agency: SCVWD
Date Listed: 1992-05-20 00:00:00
Closed Date: 1993-11-12 00:00:00

CUPA SANTA CLARA:
Name: AIRTRONICS METAL PRODUCTS, INC.
Address: 140 SAN PEDRO AV
City,State,Zip: MORGAN HILL, CA 95037
Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Latitude: 37.122179
Longitude: -121.6438953

DRAFT

REDTREE PROPERTIES (Continued) **S101309016**

Record ID: PR0422446
Facility ID: FA0280099

Name: AIRTRONICS METAL PRODUCTS, INC.
Address: 140 SAN PEDRO AV
City,State,Zip: MORGAN HILL, CA 95037
Region: SANTA CLARA
PE#: Not reported
Program Description: HMBP FACILITY, 16-21 CHEMICALS
Latitude: 37.122179
Longitude: -121.6438953
Record ID: PR0422447
Facility ID: FA0280099

HAZNET:
Name: AIRTONICS METAL PRODUCTS INC
Address: 140 SAN PEDRO AVE
City,State,Zip: MORGAN HILL, CA 95037
Year: 2017
GEPAID: CAL000403293
Contact: DIANE NEFF
Telephone: 4089777800
Mailing Name: Not reported
Mailing Address: 140 SAN PEDRO AVE.
Mailing City,St,Zip: MORGAN HILL, CA 950370000
Gen County: Santa Clara
TSD EPA ID: NMD002208627
TSD County: 99
Tons: 0.2335
CA Waste Code: 331-Off-specification, aged or surplus organics
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Santa Clara

Name: AIRTONICS METAL PRODUCTS INC
Address: 140 SAN PEDRO AVE
City,State,Zip: MORGAN HILL, CA 95037
Year: 2017
GEPAID: CAL000403293
Contact: DIANE NEFF
Telephone: 4089777800
Mailing Name: Not reported
Mailing Address: 140 SAN PEDRO AVE.
Mailing City,St,Zip: MORGAN HILL, CA 950370000
Gen County: Santa Clara
TSD EPA ID: NMD002208627
TSD County: 99
Tons: 0.2335
CA Waste Code: 331-Off-specification, aged or surplus organics
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Santa Clara

Name: AIRTONICS METAL PRODUCTS INC
Address: 140 SAN PEDRO AVE
City,State,Zip: MORGAN HILL, CA 95037
Year: 2016

DRAFT

REDTREE PROPERTIES (Continued) **S101309016**

GEPAID: CAL000403293
Contact: DIANE NEFF
Telephone: 4089777800
Mailing Name: Not reported
Mailing Address: 140 SAN PEDRO AVE.
Mailing City,St,Zip: MORGAN HILL, CA 950370000
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Tons: 0.363
CA Waste Code: 331-Off-specification, aged or surplus organics
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Santa Clara

Name: AIRTONICS METAL PRODUCTS INC
Address: 140 SAN PEDRO AVE
City,State,Zip: MORGAN HILL, CA 95037
Year: 2016
GEPAID: CAL000403293
Contact: DIANE NEFF
Telephone: 4089777800
Mailing Name: Not reported
Mailing Address: 140 SAN PEDRO AVE.
Mailing City,St,Zip: MORGAN HILL, CA 950370000
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Tons: 0.363
CA Waste Code: 331-Off-specification, aged or surplus organics
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Santa Clara

Name: AIRTONICS METAL PRODUCTS INC
Address: 140 SAN PEDRO AVE
City,State,Zip: MORGAN HILL, CA 95037
Year: 2015
GEPAID: CAL000403293
Contact: DIANE NEFF
Telephone: 4089777800
Mailing Name: Not reported
Mailing Address: 140 SAN PEDRO AVE.
Mailing City,St,Zip: MORGAN HILL, CA 950370000
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Tons: 0.1815
CA Waste Code: 331-Off-specification, aged or surplus organics
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

DRAFT

REDTREE PROPERTIES (Continued) **S101309016**

HIST CORTESE:

edr_fname:	REDTREE PROPERTIES
edr_fadd1:	140 SAN PEDRO
City,State,Zip:	MORGAN HILL, CA
Region:	CORTESE
Facility County Code:	43
Reg By:	LTNKA
Reg Id:	2192

NPDES:

Name:	AIRTRONICS METAL PRODUCTS INC
Address:	140 SAN PEDRO AVENUE
City,State,Zip:	MORGAN HILL, CA 95037
Facility Status:	Active
NPDES Number:	CAS000001
Region:	3
Agency Number:	0
Regulatory Measure ID:	466171
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	3 43NEC001547
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/19/2015
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	140 San Pedro Avenue
Discharge Name:	Airtronics Metal Products Inc
Discharge City:	Morgan Hill
Discharge State:	California
Discharge Zip:	95037
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	3
Regulatory Measure ID:	466171
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	3 43NEC001547
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported

DRAFT

REDTREE PROPERTIES (Continued) **S101309016**

Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	10/28/2015
Processed Date:	11/19/2015
Status:	Active
Status Date:	11/19/2015
Place Size:	90000
Place Size Unit:	SqFt
Contact:	Fermin Rodriguez
Contact Title:	Vice-President
Contact Phone:	408-977-7800
Contact Phone Ext:	Not reported
Contact Email:	frodriguez@airtronics.com
Operator Name:	Airtronics Metal Products Inc
Operator Address:	140 San Pedro Avenue
Operator City:	Morgan Hill
Operator State:	California
Operator Zip:	95037
Operator Contact:	Fermin Rodriguez
Operator Contact Title:	Not reported
Operator Contact Phone:	408-977-7800
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	frodriguez@airtronics.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	831-630-9452
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Fermin Rodriguez
Certifier Title:	Vice President
Certification Date:	13-JAN-17
Primary Sic:	3499-Fabricated Metal Products, NEC

DRAFT

REDTREE PROPERTIES (Continued) **S101309016**

Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	3
Regulatory Measure ID:	466171
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	3 43NEC001547
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/19/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Airtronics Metal Products Inc
Discharge Address:	140 San Pedro Avenue
Discharge City:	Morgan Hill
Discharge State:	California
Discharge Zip:	95037
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported

DRAFT

REDTREE PROPERTIES (Continued) **S101309016**

Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	AIRTRONICS METAL PRODUCTS INC
Address:	140 SAN PEDRO AVENUE
City,State,Zip:	MORGAN HILL, CA 95037
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	3 43NEC001547
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	11/19/2015
Operator Name:	Airtronics Metal Products Inc
Operator Address:	140 San Pedro Avenue
Operator City:	Morgan Hill
Operator State:	California
Operator Zip:	95037

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	3

DRAFT

REDTREE PROPERTIES (Continued) **S101309016**

Regulatory Measure ID:	466171
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	3 43NEC001547
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	10/28/2015
Processed Date:	11/19/2015
Status:	Active
Status Date:	11/19/2015
Place Size:	90000
Place Size Unit:	SqFt
Contact:	Fermin Rodriguez
Contact Title:	Vice-President
Contact Phone:	408-977-7800
Contact Phone Ext:	Not reported
Contact Email:	frodriguez@airtronics.com
Operator Name:	Airtronics Metal Products Inc
Operator Address:	140 San Pedro Avenue
Operator City:	Morgan Hill
Operator State:	California
Operator Zip:	95037
Operator Contact:	Fermin Rodriguez
Operator Contact Title:	Not reported
Operator Contact Phone:	408-977-7800
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	frodriguez@airtronics.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	831-630-9452
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported

DRAFT

REDTREE PROPERTIES (Continued) **S101309016**

Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Fermin Rodriguez
Certifier Title:	Vice President
Certification Date:	13-JAN-17
Primary Sic:	3499-Fabricated Metal Products, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	3
Regulatory Measure ID:	466171
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	3 43NEC001547
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/19/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Airtronics Metal Products Inc
Discharge Address:	140 San Pedro Avenue
Discharge City:	Morgan Hill
Discharge State:	California
Discharge Zip:	95037
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported

DRAFT

REDTREE PROPERTIES (Continued) **S101309016**

Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	AIRTRONICS METAL PRODUCTS INC
Address:	140 SAN PEDRO AVENUE
City,State,Zip:	MORGAN HILL, CA 95037
Agency:	Airtronics Metal Products Inc
Agency Address:	140 San Pedro Avenue, Morgan Hill, CA 95037
Place/Project Type:	Industrial - Fabricated Metal Products, NEC
SIC/NAICS:	3499
Region:	3
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	3 43NEC001547
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	11/19/2015
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported

DRAFT

REDTREE PROPERTIES (Continued) **S101309016**

TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.12279
Longitude:	-121.643895

CERS:

Name:	REDTREE PROPERTIES
Address:	140 SAN PEDRO AVE
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	240313
CERS ID:	T0608526086
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	UST CASE WORKER - SANTA CLARA COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	4089183400

Name:	AIRTRONICS METAL PRODUCTS INC
Address:	140 SAN PEDRO AVENUE
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	450093
CERS ID:	842324
CERS Description:	Industrial Facility Storm Water

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Airtronics Metal Products Inc
Entity Title:	Operator
Affiliation Address:	140 San Pedro Avenue
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

C15 **ON THE MARK PRECISION INC** **CUPA Listings** **S121473209**
NE **195 SAN PEDRO AV C10** **N/A**
< 1/8 **MORGAN HILL, CA 95037**
0.105 mi.
557 ft. **Site 4 of 11 in cluster C**

Relative:
Higher

Actual:
341 ft.

CUPA SANTA CLARA:

Name:	ON THE MARK PRECISION INC
Address:	195 SAN PEDRO AV C10
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2201
Program Description:	GENERATES WASTE OIL ONLY

DRAFT

ON THE MARK PRECISION INC (Continued) **S121473209**

Latitude:	37.122721
Longitude:	-121.643893
Record ID:	PR0377765
Facility ID:	FA0258103

C16 **TRI-CAL, INC.** **SWEEPS UST** **S101625261**
NE **195 SAN PEDRO AVE** **CA FID UST** **N/A**
< 1/8 **MORGAN HILL, CA 95037**
0.105 mi.
557 ft. **Site 5 of 11 in cluster C**

Relative:
Higher

Actual:
341 ft.

SWEEPS UST:

Name:	TRI-CAL, INC.
Address:	195 SAN PEDRO AVE
City:	MORGAN HILL
Status:	Not reported
Comp Number:	20278
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	49-000-020278-000002
Tank Status:	Not reported
Capacity:	1
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	4

Name:	TRI-CAL, INC.
Address:	195 SAN PEDRO AVE
City:	MORGAN HILL
Status:	Not reported
Comp Number:	20278
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	49-000-020278-000003
Tank Status:	Not reported
Capacity:	1
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

Name:	TRI-CAL, INC.
Address:	195 SAN PEDRO AVE
City:	MORGAN HILL
Status:	Not reported
Comp Number:	20278
Number:	Not reported

DRAFT

TRI-CAL, INC. (Continued) **S101625261**

Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-020278-000004
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: TRI-CAL, INC.
Address: 195 SAN PEDRO AVE
City: MORGAN HILL
Status: Not reported
Comp Number: 20278
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-020278-000006
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Name: TRI-CAL, INC.
Address: 195 SAN PEDRO AVE
City: MORGAN HILL
Status: Active
Comp Number: 20278
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 49-000-020278-000001
Tank Status: A
Capacity: 1
Active Date: 04-13-90
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 2

Name: TRI-CAL, INC.
Address: 195 SAN PEDRO AVE
City: MORGAN HILL

DRAFT

TRI-CAL, INC. (Continued) **S101625261**

Status:	Active
Comp Number:	20278
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	3
SWRCB Tank Id:	49-000-020278-000005
Tank Status:	A
Capacity:	Not reported
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	Not reported

Name:	TRI-CAL, INC.
Address:	195 SAN PEDRO AVE
City:	MORGAN HILL
Status:	Not reported
Comp Number:	20278
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-004-020278-000001
Tank Status:	Not reported
Capacity:	1
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	6

Name:	TRI-CAL, INC.
Address:	195 SAN PEDRO AVE
City:	MORGAN HILL
Status:	Not reported
Comp Number:	20278
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-004-020278-000002
Tank Status:	Not reported
Capacity:	1
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

DRAFT

TRI-CAL, INC. (Continued) **S101625261**

Name:	TRI-CAL, INC.
Address:	195 SAN PEDRO AVE
City:	MORGAN HILL
Status:	Not reported
Comp Number:	20278
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-004-020278-000003
Tank Status:	Not reported
Capacity:	1
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

Name:	TRI-CAL, INC.
Address:	195 SAN PEDRO AVE
City:	MORGAN HILL
Status:	Not reported
Comp Number:	20278
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-004-020278-000004
Tank Status:	Not reported
Capacity:	1
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	TRI-CAL, INC.
Address:	195 SAN PEDRO AVE
City:	MORGAN HILL
Status:	Not reported
Comp Number:	20278
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-004-020278-000005
Tank Status:	Not reported
Capacity:	1
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT

DRAFT

TRI-CAL, INC. (Continued) **S101625261**

Content: LEADED
Number Of Tanks: Not reported

Name: TRI-CAL, INC.
Address: 195 SAN PEDRO AVE
City: MORGAN HILL
Status: Not reported
Comp Number: 20278
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-004-020278-000006
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 43010833
Regulated By: UTNKA
Regulated ID: 00020278
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4087792186
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: MORGAN HILL 95037
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Facility ID: 43010833
Regulated By: UTNKI
Regulated ID: 00020278
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4087792186
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: MORGAN HILL 95037
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported

DRAFT

TRI-CAL, INC. (Continued) **S101625261**

Comments: Not reported
Status: Inactive

C17 **CHAPARRAL SIGNS AND AUTOGRAPHS INC** **CUPA Listings** **S121473905**
NE **195 SAN PEDRO AV C** **N/A**
< 1/8 **MORGAN HILL, CA 95037**
0.105 mi.
557 ft. **Site 6 of 11 in cluster C**

Relative:
Higher

Actual:
341 ft.

CUPA SANTA CLARA:

Name:	CHAPARRAL SIGNS AND AUTOGRAPHS INC
Address:	195 SAN PEDRO AV C
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2202
Program Description:	GENERATES < 100 KG/YR
Latitude:	37.122721
Longitude:	-121.643893
Record ID:	PR0374507
Facility ID:	FA0256450

Name:	CHAPARRAL SIGNS AND AUTOGRAPHS INC
Address:	195 SAN PEDRO AV C
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2502
Program Description:	HAZMAT STORAGE FACILITY-MINIMAL STORAGE SITE
Latitude:	37.122721
Longitude:	-121.643893
Record ID:	PR0377355
Facility ID:	FA0256450

Name:	JUAN'S CUSTOM FURNITURE
Address:	195 SAN PEDRO AV 8E
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2202
Program Description:	GENERATES < 100 KG/YR
Latitude:	37.122721
Longitude:	-121.643893
Record ID:	PR0382949
Facility ID:	FA0261177

C18 **TOWN CATS OF MORGAN HILL** **RCRA NonGen / NLR** **1024868855**
NE **195 SAN PEDRO AVE** **CAL000437461**
< 1/8 **MORGAN HILL, CA 95037**
0.105 mi.
557 ft. **Site 7 of 11 in cluster C**

Relative:
Higher

Actual:
341 ft.

RCRA NonGen / NLR:

Date form received by agency:	07/17/2018
Facility name:	TOWN CATS OF MORGAN HILL
Facility address:	195 SAN PEDRO AVE BLDG C UNIT 12 13 MORGAN HILL, CA 95037
EPA ID:	CAL000437461

DRAFT

TOWN CATS OF MORGAN HILL (Continued) **1024868855**

Mailing address:	PO BOX 1828 MORGAN HILL, CA 95037
Contact:	SAMANTHA SULLIVAN
Contact address:	195 SAN PEDRO AVE BLDG C UNIT 12 13 MORGAN HILL, CA 95037
Contact country:	Not reported
Contact telephone:	408-654-6344
Contact email:	SAMANTHA.SULLIVAN@TOWNCATS.ORG
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	TOWN CATS OF MORGAN HILL
Owner/operator address:	195 SAN PEDRO AVE BLDG C UNIT 12 13 MORGAN HILL, CA 95037
Owner/operator country:	Not reported
Owner/operator telephone:	408-779-5761
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	SAMANTHA SULLIVAN
Owner/operator address:	195 SAN PEDRO AVE BLDG C UNIT 12 13 MORGAN HILL, CA 95037
Owner/operator country:	Not reported
Owner/operator telephone:	408-654-6344
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

DRAFT

TOWN CATS OF MORGAN HILL (Continued) **1024868855**

Violation Status: No violations found

C19 NE < 1/8 0.105 mi. 557 ft. | **AMERICAN MAT & FRAME INC**
195 E SAN PEDRO AVENUE
MORGAN HILL, CA 95037

Site 8 of 11 in cluster C

HIST UST FINDS CUPA Listings EMI CERS | **1005775128 N/A**

Relative: Higher

Actual: 341 ft.

HIST UST:

Name:	TRI -CAL INC
Address:	195 SAN PEDRO AVE
City,State,Zip:	MORGAN HILL, CA 95037
File Number:	00020919
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00020919.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

FINDS:

Registry ID: 110010464522

Environmental Interest/Information System
HAZARDOUS AIR POLLUTANT MAJOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CUPA SANTA CLARA:

Name:	ELMECH INC
Address:	195 SAN PEDRO AV STE E-15
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2202
Program Description:	GENERATES < 100 KG/YR
Latitude:	37.122721
Longitude:	-121.643893
Record ID:	PR0376797
Facility ID:	FA0257567

DRAFT

AMERICAN MAT & FRAME INC (Continued) **1005775128**

Name:	RJR PRODUCTS LLC
Address:	195 E SAN PEDRO AV STE E5
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2201
Program Description:	GENERATES WASTE OIL ONLY
Latitude:	37.122721
Longitude:	-121.643893
Record ID:	PR0382953
Facility ID:	FA0261179

EMI:

Name:	AMERICAN MAT & FRAME, INC
Address:	195 E SAN PEDRO AVENUE
City,State,Zip:	MORGAN HILL, CA 95037
Year:	1995
County Code:	43
Air Basin:	SF
Facility ID:	10285
Air District Name:	BA
SIC Code:	2499
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AMERICAN MAT & FRAME, INC
Address:	195 E SAN PEDRO AVENUE
City,State,Zip:	MORGAN HILL, CA 95037
Year:	1996
County Code:	43
Air Basin:	SF
Facility ID:	10285
Air District Name:	BA
SIC Code:	2499
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AMERICAN MAT & FRAME, INC
Address:	195 E SAN PEDRO AVENUE
City,State,Zip:	MORGAN HILL, CA 95037
Year:	1997
County Code:	43

DRAFT

AMERICAN MAT & FRAME INC (Continued) **1005775128**

Air Basin:	SF
Facility ID:	10285
Air District Name:	BA
SIC Code:	2499
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AMERICAN MAT & FRAME, INC
Address:	195 E SAN PEDRO AVENUE
City,State,Zip:	MORGAN HILL, CA 95037
Year:	1998
County Code:	43
Air Basin:	SF
Facility ID:	10285
Air District Name:	BA
SIC Code:	2499
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AMERICAN MAT & FRAME, INC
Address:	195 E SAN PEDRO AVENUE
City,State,Zip:	MORGAN HILL, CA 95037
Year:	1999
County Code:	43
Air Basin:	SF
Facility ID:	10285
Air District Name:	BA
SIC Code:	2499
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AMERICAN MAT & FRAME, INC
Address:	195 E SAN PEDRO AVENUE

DRAFT

AMERICAN MAT & FRAME INC (Continued) **1005775128**

City,State,Zip:	MORGAN HILL, CA 95037
Year:	2000
County Code:	43
Air Basin:	SF
Facility ID:	10285
Air District Name:	BA
SIC Code:	2499
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AMERICAN MAT & FRAME, INC
Address:	195 E SAN PEDRO AVENUE
City,State,Zip:	MORGAN HILL, CA 95037
Year:	2001
County Code:	43
Air Basin:	SF
Facility ID:	10285
Air District Name:	BA
SIC Code:	2499
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AMERICAN MAT & FRAME, INC
Address:	195 E SAN PEDRO AVENUE
City,State,Zip:	MORGAN HILL, CA 95037
Year:	2002
County Code:	43
Air Basin:	SF
Facility ID:	10285
Air District Name:	BA
SIC Code:	2499
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

DRAFT

AMERICAN MAT & FRAME INC (Continued) **1005775128**

Name:	AMERICAN MAT & FRAME, INC
Address:	195 E SAN PEDRO AVENUE
City,State,Zip:	MORGAN HILL, CA 95037
Year:	2003
County Code:	43
Air Basin:	SF
Facility ID:	10285
Air District Name:	BA
SIC Code:	2499
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AMERICAN MAT & FRAME, INC
Address:	195 E SAN PEDRO AVENUE
City,State,Zip:	MORGAN HILL, CA 95037
Year:	2004
County Code:	43
Air Basin:	SF
Facility ID:	10285
Air District Name:	BA
SIC Code:	2499
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.201
Reactive Organic Gases Tons/Yr:	0.1985679
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AMERICAN MAT & FRAME, INC
Address:	195 E SAN PEDRO AVENUE
City,State,Zip:	MORGAN HILL, CA 95037
Year:	2005
County Code:	43
Air Basin:	SF
Facility ID:	10285
Air District Name:	BA
SIC Code:	2499
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.201
Reactive Organic Gases Tons/Yr:	.1985679
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

DRAFT

AMERICAN MAT & FRAME INC (Continued) **1005775128**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

CERS:

Name:	AMERICAN MAT & FRAME INC
Address:	195 E SAN PEDRO AVENUE
City,State,Zip:	MORGAN HILL, CA 95037-5139
Site ID:	451061
CERS ID:	110010464522
CERS Description:	US EPA Air Emission Inventory System (EIS)

C20
NE
< 1/8
0.105 mi.
557 ft.

CHAPARRAL SIGNS AND AUTOGRAPHS INC **RCRA NonGen / NLR** **1024869096**
195 SAN PEDRO BLDG C-9 **CAL000437705**
MORGAN HILL, CA 95037

Site 9 of 11 in cluster C

Relative:
Higher

Actual:
341 ft.

RCRA NonGen / NLR:

Date form received by agency:	07/19/2018
Facility name:	CHAPARRAL SIGNS AND AUTOGRAPHS INC
Facility address:	195 SAN PEDRO BLDG C-9 MORGAN HILL, CA 95037
EPA ID:	CAL000437705
Mailing address:	14830 SEYMOUR AVE SAN MARTIN, CA 95046-0000
Contact:	MIKE HUBBS
Contact address:	14830 SEYMOUR AVE SAN MARTIN, CA 95046-0000
Contact country:	Not reported
Contact telephone:	408-607-0402
Contact email:	MIKE@CHAPARRALSIGNS.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MIKE HUBBS
Owner/operator address:	14830 SEYMOUR AVE SAN MARTIN, CA 95046
Owner/operator country:	Not reported
Owner/operator telephone:	408-607-0402
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	CHAPARRAL SIGNS AND AUTOGRAPHS INC
Owner/operator address:	14830 SEYMOUR AVE SAN MARTIN, CA 95046
Owner/operator country:	Not reported
Owner/operator telephone:	408-607-0402
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported

DRAFT

CHAPARRAL SIGNS AND AUTOGRAPHS INC (Continued) **1024869096**

Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

C21
NE
< 1/8
0.105 mi.
557 ft.

TRI-CAL, INC. **HIST UST** **U001601629**
195 SAN PEDRO AVE **N/A**
MORGAN HILL, CA 95037

Site 10 of 11 in cluster C

Relative:
Higher

Actual:
341 ft.

HIST UST:
Name: TRI-CAL, INC.
Address: 195 SAN PEDRO AVE
City,State,Zip: MORGAN HILL, CA 95037
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000020278
Facility Type: Not reported
Other Type: AGRICULTURAL
Contact Name: Not reported
Telephone: 4087792186
Owner Name: SOUTH COUNTY INDUSTRIAL PARK
Owner Address: 1670 NEWHALL #204
Owner City,St,Zip: SANTA CLARA, CA 95050
Total Tanks: 0000

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 5

DRAFT

TRI-CAL, INC. (Continued) **U001601629**

Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	003
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	004
Container Num:	6
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	005
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	006
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

C22 **CHAPARRAL SIGNS** **CERS HAZ WASTE** **S112345543**
NE **195 SAN PEDRO AV C** **N/A**
< 1/8 **MORGAN HILL, CA 95037**
0.105 mi.
557 ft. **Site 11 of 11 in cluster C**

Relative:
Higher

Actual:
341 ft.

CERS HAZ WASTE:

Site ID:	17973
CERS ID:	10348483
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	17973
Site Name:	CHAPARRAL SIGNS
Violation Date:	02-09-2018

DRAFT

CHAPARRAL SIGNS (Continued) **S112345543**

Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	State identification number CAL000279554 has been inactive since 6-30-2012.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-09-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility performs custom printing, lettering, and pinstriping. Facility has a spray booth area for working on larger pieces such as automobiles or motorcycles. No stripping of paint is performed. Fountain wash is used on some printers and is continuously reused within the machine until it is too contaminated. A parts cleaning machine is being lightly used and generates a thinner waste which is collected and managed as hazardous waste. Most recent disposal was performed in 2013 (uniform hazardous waste manifest reviewed). Owner indicated a copy of the generator manifest is sent out with following each shipment. MINOR VIOLATIONS CORRECTED AT TIME OF INSPECTION 1x15 gal container of paint related/thinner/solvent waste - incomplete hazardous waste marking. Marked. NOTE 1: Facility can accumulate hazardous waste indefinitely until 100kgs (~30 gal) is reached. To participate in the County's disposal program for small businesses, go to HHW.ORG. NOTE 2: options [Truncated]
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Legal Owner
Entity Name:	HUBBS, TERRY
Entity Title:	Not reported
Affiliation Address:	14830 SEYMOUR AV
Affiliation City:	SAN MARTIN
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95046
Affiliation Phone:	(408) 779-4242

DRAFT

CHAPARRAL SIGNS (Continued) **S112345543**

Affiliation Type Desc:	Parent Corporation
Entity Name:	CHAPARRAL SIGNS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	14830 SEYMOUR AV
Affiliation City:	SAN MARTIN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95046
Affiliation Phone:	Not reported

D23 **LOWERY GENE** **EDR Hist Auto** **1020708082**
WNW **16795 S MONTEREY ST** **N/A**
< 1/8 **MORGAN HILL, CA 95037**
0.106 mi.
560 ft. **Site 1 of 4 in cluster D**

Relative: EDR Hist Auto
Lower
Actual:
336 ft.

Year:	Name:	Type:
1971	LOWERY GENE	Gasoline Service Stations
1972	LOWERY GENE	Gasoline Service Stations
1973	LOWERY GENE	Gasoline Service Stations
1974	LOWERY GENE	Gasoline Service Stations
1975	LOWERY GENE	Gasoline Service Stations
1976	LOWERY GENE	Gasoline Service Stations
1977	LOWERY GENE	Gasoline Service Stations
1978	LOWERY GENE	Gasoline Service Stations
1979	LOWERY GENE	Gasoline Service Stations
1980	M & H SERVICE	Gasoline Service Stations
1987	M & H USED CARS	Used Car Dealers
2003	WASHINGTON HEIGHTS AUTO	General Automotive Repair Shops
2004	WASHINGTON HEIGHTS AUTO	General Automotive Repair Shops
2005	WASHINGTON HEIGHTS AUTO	General Automotive Repair Shops
2006	WASHINGTON HEIGHTS AUTO	General Automotive Repair Shops

D24 **GOLDEN STATE SUPPLY LLC DBA CARQUEST AUTO PARTS #7** **RCRA NonGen / NLR** **1024847856**
WNW **16795 MONTEREY ST** **CAL000403061**
< 1/8 **MORGAN HILL, CA 95037**
0.106 mi.
560 ft. **Site 2 of 4 in cluster D**

Relative: RCRA NonGen / NLR:
Lower
Actual:
336 ft.

Date form received by agency:	12/16/2014
Facility name:	GOLDEN STATE SUPPLY LLC DBA CARQUEST AUTO PARTS #7357
Facility address:	16795 MONTEREY ST

DRAFT

GOLDEN STATE SUPPLY LLC DBA CARQUEST AUTO PARTS #7357 (Continued) **1024847856**

	MORGAN HILL, CA 95037-5118
EPA ID:	CAL000403061
Mailing address:	5008 AIRPORT ROAD
	ROANOKE, VA 24012-0000
Contact:	MICAH THOMPSON
Contact address:	5008 AIRPORT ROAD
	ROANOKE, VA 24012
Contact country:	Not reported
Contact telephone:	540-561-8492
Contact email:	MICAH.THOMPSON@ADVANCE-AUTO.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MICAH THOMPSON
Owner/operator address:	5008 AIRPORT ROAD
	ROANOKE, VA 24012
Owner/operator country:	Not reported
Owner/operator telephone:	540-561-8492
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	GOLDEN STATE SUPPLY LLC
Owner/operator address:	PO BOX 26006
	RALEIGH, NC 27611
Owner/operator country:	Not reported
Owner/operator telephone:	919-573-3900
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No

DRAFT

GOLDEN STATE SUPPLY LLC DBA CARQUEST AUTO PARTS #7357 (Continued) **1024847856**

Used oil transporter: No

Violation Status: No violations found

D25 WNW < 1/8 0.106 mi. 560 ft. **M & H SERVICE**
16795 MONTEREY ST
MORGAN HILL, CA 95037

SWEEPS UST **S101625247**
CA FID UST **N/A**

Site 3 of 4 in cluster D

Relative: Lower

Actual: 336 ft.

SWEEPS UST:

Name:	M & H SERVICE
Address:	16795 MONTEREY ST
City:	MORGAN HILL
Status:	Not reported
Comp Number:	24952
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	49-000-024952-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	3

Name:	M & H SERVICE
Address:	16795 MONTEREY ST
City:	MORGAN HILL
Status:	Not reported
Comp Number:	24952
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	49-000-024952-000002
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	M & H SERVICE
Address:	16795 MONTEREY ST
City:	MORGAN HILL
Status:	Not reported
Comp Number:	24952
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported

DRAFT

M & H SERVICE (Continued) **S101625247**

Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	49-000-024952-000003
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

Name:	M & H SERVICE
Address:	16795 MONTEREY ST
City:	MORGAN HILL
Status:	Not reported
Comp Number:	24952
Number:	Not reported
Board Of Equalization:	44-025943
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-004-024952-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	3

Name:	M & H SERVICE
Address:	16795 MONTEREY ST
City:	MORGAN HILL
Status:	Not reported
Comp Number:	24952
Number:	Not reported
Board Of Equalization:	44-025943
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-004-024952-000002
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	M & H SERVICE
Address:	16795 MONTEREY ST
City:	MORGAN HILL
Status:	Not reported
Comp Number:	24952

DRAFT

M & H SERVICE (Continued) **S101625247**

Number:	Not reported
Board Of Equalization:	44-025943
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-004-024952-000003
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	43008049
Regulated By:	UTNKI
Regulated ID:	00024952
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4087793848
Mail To:	Not reported
Mailing Address:	16795 MONTEREY ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MORGAN HILL 95037
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

DRAFT

D26 **M & H SERVICE** **HIST UST** **U001601580**
WNW **16795 MONTEREY ST** **N/A**
< 1/8 **MORGAN HILL, CA 95037**
0.106 mi.
560 ft. **Site 4 of 4 in cluster D**

Relative:
Lower

Actual:
336 ft.

HIST UST:

Name:	M & H SERVICE
Address:	16795 MONTEREY ST
City,State,Zip:	MORGAN HILL, CA 95037
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000024952
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	OWNER
Telephone:	4087793848
Owner Name:	GEORGE ASFOUR
Owner Address:	16795 MONTEREY ST
Owner City,St,Zip:	MORGAN HILL, CA 95037
Total Tanks:	0003

M & H SERVICE (Continued) **U001601580**

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

E27 **JOHN L GAWF-SIR SPEEDY** **RCRA NonGen / NLR** **1024816942**
South **16500 MONTEREY ST** **CAL000319849**
< 1/8 **MORGAN HILL, CA 95037**
0.117 mi.
616 ft. **Site 1 of 3 in cluster E**

Relative:
Lower

Actual:
334 ft.

RCRA NonGen / NLR:

Date form received by agency:	05/22/2007
Facility name:	JOHN L GAWF-SIR SPEEDY
Facility address:	16500 MONTEREY ST MORGAN HILL, CA 95037-5159
EPA ID:	CAL000319849
Contact:	ADOLFO ROJAS
Contact address:	16500 MONTEREY ST MORGAN HILL, CA 95037
Contact country:	Not reported
Contact telephone:	408-776-8700
Contact email:	SIRSPEEDY@GARLIC.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	JOHN & BONNIE GAWF
Owner/operator address:	307 BISHOP AVE PACIFIC GROVE, CA 93950
Owner/operator country:	Not reported
Owner/operator telephone:	831-642-0449
Owner/operator email:	Not reported
Owner/operator fax:	Not reported

DRAFT

JOHN L GAWF-SIR SPEEDY (Continued) **1024816942**

Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ADOLFO ROJAS
Owner/operator address: 16500 MONTEREY ST
MORGAN HILL, CA 95037
Owner/operator country: Not reported
Owner/operator telephone: 408-776-8700
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

E28
South
< 1/8
0.117 mi.
616 ft.

PACIFIC COMMERICAL BROKERS LLC DBA SIR SPEEDY **RCRA NonGen / NLR** **1024873176**
16500 MONTEREY RD STE 100 **CAL000441827**
MORGAN HILL, CA 95037

Site 2 of 3 in cluster E

Relative:
Lower

Actual:
334 ft.

RCRA NonGen / NLR:
Date form received by agency: 12/14/2018
Facility name: PACIFIC COMMERICAL BROKERS LLC DBA SIR SPEEDY
Facility address: 16500 MONTEREY RD STE 100
MORGAN HILL, CA 95037
EPA ID: CAL000441827
Contact: ADOFO ROJAS
Contact address: 16500 MONTEREY RD STE 100
MORGAN HILL, CA 95037
Contact country: Not reported
Contact telephone: 408-776-8700
Contact email: SALES@SIRSPEEDY-SOUTHBAY.COM
EPA Region: 09
Classification: Non-Generator

DRAFT

PACIFIC COMMERICAL BROKERS LLC DBA SIR SPEEDY (Continued) **1024873176**

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	PACIFIC COMMERICAL BROKERS LLC
Owner/operator address:	201 GOODWIN DR SAN BRUNO, CA 94066
Owner/operator country:	Not reported
Owner/operator telephone:	650-490-0783
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	ADOFO ROJAS
Owner/operator address:	16500 MONTEREY RD STE 100 MORGAN HILL, CA 95037
Owner/operator country:	Not reported
Owner/operator telephone:	408-776-8700
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

DRAFT

E29 South < 1/8 0.117 mi. 616 ft. | **SIR SPEEDY PRINTING 16500 MONTEREY RD 100 MORGAN HILL, CA 95037** | **CERS HAZ WASTE CUPA Listings** | **S112346705 N/A**

Site 3 of 3 in cluster E

Relative: Lower

Actual: 334 ft.

CERS HAZ WASTE:

Site ID:	153829
CERS ID:	10346959
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	153829
Site Name:	SIR SPEEDY PRINTING
Violation Date:	12-15-2017
Citation:	22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Description:	Failure to send a legible copy of each hazardous waste manifest to the Department within 30 days of each shipment of hazardous waste.
Violation Notes:	Returned to compliance on 01/11/2018. Facility has not been sending generator manifest copy to the state.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-15-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility performs printing primarily using hydrocarbon based inks. State Identification number CAL000319849 is active. Waste streams generated include but are not limited to: Stabilizer and activator waste from printer - Managed as hazardous waste. Rags contaminated with inks/fountain wash/IPA- Managed as hazardous waste. MINOR VIOLATIONS CORRECTED AT TIME OF INSPECTION: 1x30 gal container of Activator hydroxide waste - no physical state, statement of hazard, or accumulation start date. Marked. 1x15 gal container of contaminated rags - no physical state, statement of hazard, or accumulation start date. Marked. Facility is eligible to participate in the County's hazardous waste disposal program for small businesses. To participate, go to HHW.ORG.
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address

DRAFT

SIR SPEEDY PRINTING (Continued) **S112346705**

Entity Title:	Not reported
Affiliation Address:	16500 MONTEREY RD 100
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	SIR SPEEDY PRINTING
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	GAWF, JOHN L.
Entity Title:	Not reported
Affiliation Address:	16500 MONTEREY RD 100
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95037
Affiliation Phone:	(408) 776-8700

CUPA SANTA CLARA:

Name:	SIR SPEEDY PRINTING
Address:	16500 MONTEREY RD 100
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2202
Program Description:	GENERATES < 100 KG/YR
Latitude:	37.11938
Longitude:	-121.646434
Record ID:	PR0380242
Facility ID:	FA0259521

F30 **ITTCUSA** **CUPA Listings** **S121471661**
SE **120 MAST ST** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037**
0.133 mi.
702 ft. **Site 1 of 11 in cluster F**

Relative:
Higher

Actual:
337 ft.

CUPA SANTA CLARA:

Name:	ITTCUSA
Address:	120 MAST ST
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Latitude:	37.119827
Longitude:	-121.644075
Record ID:	PR0421530

DRAFT

ITTCUSA (Continued) **S121471661**

Facility ID: FA0250645

F31
SE
1/8-1/4
0.133 mi.
702 ft.

ITALIX COMPANY, INC.
120 MAST ST #1
MORGAN HILL, CA 95037

RCRA-LQG **1023966865**
CAR000275867

Site 2 of 11 in cluster F

Relative:
Higher

Actual:
337 ft.

RCRA-LQG:

Date form received by agency:	09/06/2017
Facility name:	ITALIX COMPANY, INC.
Facility address:	120 MAST ST #1 MORGAN HILL, CA 95037
EPA ID:	CAR000275867
Mailing address:	MAST ST #1 MORGAN HILL, CA 95037
Contact:	TIMOTHY J THOMPSON
Contact address:	MAST ST #1 MORGAN HILL, CA 95037
Contact country:	US
Contact telephone:	408-988-2487
Contact email:	TIM@ITALIX.COM
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	ITALIX COMPANY, INC.
Owner/operator address:	MAST ST #1 MORGAN HILL, CA 95037
Owner/operator country:	US
Owner/operator telephone:	408-988-2487
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	11/01/2017
Owner/Op end date:	Not reported
Owner/operator name:	RAAF, LLC
Owner/operator address:	MAST ST #1 MORGAN HILL, CA 95037
Owner/operator country:	US
Owner/operator telephone:	408-988-2487
Owner/operator email:	ALYSSA@ITALIX.COM

DRAFT

ITALIX COMPANY, INC. (Continued) **1023966865**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/13/2015
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 132
. Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 491
. Waste name: Unspecified sludge waste

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

DRAFT

ITALIX COMPANY, INC. (Continued) **1023966865**

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Violation Status: No violations found

F32
SE
1/8-1/4
0.133 mi.
702 ft.

ITALIX COMPANY INC
120 MAST ST # 1
MORGAN HILL, CA 95037

CERS HAZ WASTE **S121474814**
CUPA Listings **N/A**
CERS

Site 3 of 11 in cluster F

Relative:
Higher

Actual:
337 ft.

CERS HAZ WASTE:
Site ID: 427374
CERS ID: 10747255
CERS Description: Hazardous Waste Generator

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 120 Mast St #1
Affiliation City: Morgan Hill
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95037
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Frank Fantino
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Italix Company Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

DRAFT

ITALIX COMPANY INC (Continued) **S121474814**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 988-2487

Affiliation Type Desc: Legal Owner
Entity Name: Alyssa DePalma
Entity Title: Not reported
Affiliation Address: 120 Mast St #1
Affiliation City: Morgan Hill
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95037
Affiliation Phone: (408) 988-2487

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Timothy Thompson
Entity Title: EHS Coordinator
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: ITALIX CO INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: RAAF, LLC
Entity Title: Not reported
Affiliation Address: PO Box 1578
Affiliation City: Campbell
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95009
Affiliation Phone: (408) 966-9457

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400

Affiliation Type Desc: Document Preparer
Entity Name: Timothy Thompson
Entity Title: Not reported

DRAFT

ITALIX COMPANY INC (Continued) **S121474814**

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Timothy J. Thompson
Entity Title: Not reported
Affiliation Address: 120 Mast St #1
Affiliation City: Morgan Hill
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95037
Affiliation Phone: Not reported

Site ID: 427374
CERS ID: 10747255
CERS Description: Hazardous Waste Onsite Treatment

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 120 Mast St #1
Affiliation City: Morgan Hill
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95037
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Frank Fantino
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Italix Company Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 988-2487

Affiliation Type Desc: Legal Owner
Entity Name: Alyssa DePalma
Entity Title: Not reported
Affiliation Address: 120 Mast St #1
Affiliation City: Morgan Hill

DRAFT

ITALIX COMPANY INC (Continued) **S121474814**

Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95037
Affiliation Phone: (408) 988-2487

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Timothy Thompson
Entity Title: EHS Coordinator
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: ITALIX CO INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: RAAF, LLC
Entity Title: Not reported
Affiliation Address: PO Box 1578
Affiliation City: Campbell
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95009
Affiliation Phone: (408) 966-9457

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400

Affiliation Type Desc: Document Preparer
Entity Name: Timothy Thompson
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Timothy J. Thompson

DRAFT

ITALIX COMPANY INC (Continued) **S121474814**

Entity Title:	Not reported
Affiliation Address:	120 Mast St #1
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Site ID:	427374
CERS ID:	10747255
CERS Description:	RCRA LQ HW Generator

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	120 Mast St #1
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Frank Fantino
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Italix Company Inc
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 988-2487

Affiliation Type Desc:	Legal Owner
Entity Name:	Alyssa DePalma
Entity Title:	Not reported
Affiliation Address:	120 Mast St #1
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95037
Affiliation Phone:	(408) 988-2487

Affiliation Type Desc:	Onsite Treatment Unit Owner Operator
Entity Name:	Timothy Thompson
Entity Title:	EHS Coordinator
Affiliation Address:	Not reported

DRAFT

ITALIX COMPANY INC (Continued) **S121474814**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	ITALIX CO INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	RAAF, LLC
Entity Title:	Not reported
Affiliation Address:	PO Box 1578
Affiliation City:	Campbell
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95009
Affiliation Phone:	(408) 966-9457

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Document Preparer
Entity Name:	Timothy Thompson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Timothy J. Thompson
Entity Title:	Not reported
Affiliation Address:	120 Mast St #1
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

DRAFT

ITALIX COMPANY INC (Continued) **S121474814**

CUPA SANTA CLARA:

Name:	ITALIX COMPANY INC
Address:	120 MAST ST # 1
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2225
Program Description:	ONSITE HAZ WASTE RECYCLER > 100 KG/MO
Latitude:	37.119634
Longitude:	-121.644053
Record ID:	PR0430070
Facility ID:	FA0273612

Name:	ITALIX COMPANY INC
Address:	120 MAST ST # 1
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	GENERATES 5 TO <25 TONS/YR (RCRA LQG)
Latitude:	37.119634
Longitude:	-121.644053
Record ID:	PR0430072
Facility ID:	FA0273612

Name:	ITALIX COMPANY INC
Address:	120 MAST ST # 1
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 22+ CHEMICALS
Latitude:	37.119634
Longitude:	-121.644053
Record ID:	PR0413686
Facility ID:	FA0273612

Name:	ITALIX COMPANY INC
Address:	120 MAST ST # 1
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2261
Program Description:	PERMIT BY RULE (PBR)
Latitude:	37.119634
Longitude:	-121.644053
Record ID:	PR0430071
Facility ID:	FA0273612

CERS:

Name:	ITALIX COMPANY INC
Address:	120 MAST ST # 1
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	427374
CERS ID:	10747255
CERS Description:	Chemical Storage Facilities

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported

DRAFT

ITALIX COMPANY INC (Continued) **S121474814**

Affiliation Address:	120 Mast St #1
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Frank Fantino
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Italix Company Inc
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 988-2487

Affiliation Type Desc:	Legal Owner
Entity Name:	Alyssa DePalma
Entity Title:	Not reported
Affiliation Address:	120 Mast St #1
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95037
Affiliation Phone:	(408) 988-2487

Affiliation Type Desc:	Onsite Treatment Unit Owner Operator
Entity Name:	Timothy Thompson
Entity Title:	EHS Coordinator
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	ITALIX CO INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

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ITALIX COMPANY INC (Continued) **S121474814**

Affiliation Type Desc:	Property Owner
Entity Name:	RAAF, LLC
Entity Title:	Not reported
Affiliation Address:	PO Box 1578
Affiliation City:	Campbell
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95009
Affiliation Phone:	(408) 966-9457

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Document Preparer
Entity Name:	Timothy Thompson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Timothy J. Thompson
Entity Title:	Not reported
Affiliation Address:	120 Mast St #1
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

F33 **SEA-TEK** **CUPA Listings** **S121473052**
SE **120 MAST ST 4** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037**
0.133 mi.
702 ft. **Site 4 of 11 in cluster F**

Relative:
Higher

Actual:
337 ft.

CUPA SANTA CLARA:

Name:	SEA-TEK
Address:	120 MAST ST 4
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.119827
Longitude:	-121.644075
Record ID:	PR0377082
Facility ID:	FA0257347

DRAFT

F34 SE 1/8-1/4 0.133 mi. 702 ft. — **O'BRIEN OLSON INC**, **120 MAST ST**, **MORGAN HILL, CA 95037** — **CUPA Listings** — **S121468845** **N/A**

Site 5 of 11 in cluster F

Relative: Higher
Actual: 337 ft.

CUPA SANTA CLARA:

Name:	O'BRIEN OLSON INC
Address:	120 MAST ST
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2202
Program Description:	GENERATES < 100 KG/YR
Latitude:	37.119827
Longitude:	-121.644075
Record ID:	PR0315418
Facility ID:	FA0203008

G35 SSE 1/8-1/4 0.140 mi. 741 ft. — **FULL THROTTLE GARAGE**, **16485 CHURCH ST**, **MORGAN HILL, CA 95037** — **CUPA Listings** — **S121474157** **N/A**

Site 1 of 2 in cluster G

Relative: Lower
Actual: 335 ft.

CUPA SANTA CLARA:

Name:	FULL THROTTLE GARAGE
Address:	16485 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.119255
Longitude:	-121.644724
Record ID:	PR0388300
Facility ID:	FA0263578

Name:	FULL THROTTLE GARAGE
Address:	16485 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Latitude:	37.119255
Longitude:	-121.644724
Record ID:	PR0435144
Facility ID:	FA0263578

H36 NW 1/8-1/4 0.150 mi. 794 ft. — **LEONARD COSENTINI**, **16830 MONTEREY RD**, **MORGAN HILL, CA 95037** — **SWEEPS UST**, **CA FID UST** — **S101625246** **N/A**

Site 1 of 6 in cluster H

Relative: Higher
Actual: 339 ft.

SWEEPS UST:

Name:	LEONARD COSENTINI
Address:	16830 MONTEREY RD
City:	MORGAN HILL
Status:	Not reported

DRAFT

LEONARD COSENTINI (Continued) **S101625246**

Comp Number:	55158
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	49-000-055158-000001
Tank Status:	Not reported
Capacity:	250
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

Name:	LEONARD COSENTINI
Address:	16830 MONTEREY RD
City:	MORGAN HILL
Status:	Not reported
Comp Number:	55158
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-004-055158-000001
Tank Status:	Not reported
Capacity:	250
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

CA FID UST:

Facility ID:	43011909
Regulated By:	UTNKI
Regulated ID:	00055158
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4087780069
Mail To:	Not reported
Mailing Address:	455 LA CROSSE DR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MORGAN HILL 95037
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

DRAFT

H37 NW 1/8-1/4 0.152 mi. 802 ft. — **LEONARD COSENTINI**, **16830 MONTEREY ST**, **MORGAN HILL, CA 95037** — **HIST UST** — **U001601578**, **N/A**

Site 2 of 6 in cluster H

Relative: Higher

Actual: 339 ft.

HIST UST:

Name:	LEONARD COSENTINI
Address:	16830 MONTEREY ST
City,State,Zip:	MORGAN HILL, CA 95037
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000055158
Facility Type:	Other
Other Type:	FARM
Contact Name:	Not reported
Telephone:	4087780069
Owner Name:	LEONARD COSENTINI
Owner Address:	455 LA CROSSE DR.
Owner City,St,Zip:	MORGAN HILL, CA 95037
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000250
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None

H38 NW 1/8-1/4 0.152 mi. 802 ft. — **UHC MORGAN HILL LP**, **16830 MONTEREY STREET**, **MORGAN HILL, CA 95037** — **RCRA NonGen / NLR** — **1024760737**, **CAC002980593**

Site 3 of 6 in cluster H

Relative: Higher

Actual: 339 ft.

RCRA NonGen / NLR:

Date form received by agency:	09/17/2018
Facility name:	UHC MORGAN HILL LP
Facility address:	16830 MONTEREY STREET MORGAN HILL, CA 95037
EPA ID:	CAC002980593
Mailing address:	2000 E. FOURTH ST STE 205 SANTA ANA, CA 92705
Contact:	UHC MORGAN HILL LP
Contact address:	2000 E. FOURTH ST STE 205 SANTA ANA, CA 92705
Contact country:	Not reported
Contact telephone:	714-835-3955
Contact email:	ERIOS@BUCCANEERDEMOLITION.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	UHC MORGAN HILL LP

DRAFT

UHC MORGAN HILL LP (Continued) **1024760737**

Owner/operator address: 2000 E. FOURTH ST STE 205
SANTA ANA, CA 92705
Owner/operator country: Not reported
Owner/operator telephone: 714-835-3955
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: UHC MORGAN HILL LP
Owner/operator address: 2000 E. FOURTH ST STE 205
SANTA ANA, CA 92705
Owner/operator country: Not reported
Owner/operator telephone: 714-835-3955
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

F39 **JAPAN/EUROPE/USA AUTO SERVICE AND REPAIR** **RCRA NonGen / NLR** **1024819011**
SSE **16455 CHURCH ST** **CAL000327857**
1/8-1/4 **MORGAN HILL, CA 95037**
0.159 mi.
838 ft. **Site 6 of 11 in cluster F**

Relative:
Lower

Actual:
335 ft.

RCRA NonGen / NLR:
Date form received by agency: 12/13/2007
Facility name: JAPAN/EUROPE/USA AUTO SERVICE AND REPAIR
Facility address: 16455 CHURCH ST
MORGAN HILL, CA 95037-5482
EPA ID: CAL000327857
Contact: DARREN FERNSTROM
Contact address: 16455 CHURCH ST

DRAFT

JAPAN/EUROPE/USA AUTO SERVICE AND REPAIR (Continued) **1024819011**

	MORGAN HILL, CA 95037-5482
Contact country:	Not reported
Contact telephone:	408-776-7686
Contact email:	DARREN@MIJEUSA.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	DARREN FERNSTROM
Owner/operator address:	2919 LAS FLORES CIR
	LOS BANOS, CA 93635
Owner/operator country:	Not reported
Owner/operator telephone:	408-776-7686
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	DARREN FERNSTROM
Owner/operator address:	16455 CHURCH ST
	MORGAN HILL, CA 95037
Owner/operator country:	Not reported
Owner/operator telephone:	408-776-7686
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

DRAFT

F40 SSE 1/8-1/4 0.159 mi. 838 ft. | **MADE IN JAPAN-MADE IN USA**
16455 CHURCH ST
MORGAN HILL, CA 95037 | **CUPA Listings** | **S121468854**
N/A

Site 7 of 11 in cluster F

Relative: Lower
Actual: 335 ft.

CUPA SANTA CLARA:

Name:	MADE IN JAPAN-MADE IN USA
Address:	16455 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.119083
Longitude:	-121.644398
Record ID:	PR0315300
Facility ID:	FA0203084

F41 SSE 1/8-1/4 0.159 mi. 838 ft. | **MADE IN JAPAN/MADE IN USA**
16455 CHURCH ST
MORGAN HILL, CA 95037 | **CERS HAZ WASTE**
CUPA Listings
CERS | **S107146490**
N/A

Site 8 of 11 in cluster F

Relative: Lower
Actual: 335 ft.

CERS HAZ WASTE:

Site ID:	45963
CERS ID:	10346926
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	45963
Site Name:	MADE IN JAPAN/MADE IN USA
Violation Date:	04-16-2018
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Facility has 2 used oil tanks on-site that are both double walled, however facility is intentionally filling both the primary and secondary space with used oil. As tanks are currently being used, they do not have any secondary containment and are being stored on top of soil. Secondary space of tank tank nearest the building is at maximum capacity while secondary space of tank further away also holds used oil but is not full. The fact that used oil remains in the secondary space days after a recent used oil pickup indicates the disposal contractor is unaware of used oil being stored in secondary space of tanks. If you plan to continue filling the tank secondary space, ensure you obtain a true secondary containment around the tank. Also inform the disposal contractor that both primary and secondary space is being used as primary containment for used oil. If you decide to use the tank as designed by not fillingl the secondary space of the tank, ensure staff are trained [Truncated]
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	45963

DRAFT

MADE IN JAPAN/MADE IN USA (Continued) **S107146490**

Site Name: MADE IN JAPAN/MADE IN USA
Violation Date: 04-16-2018
Citation: HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description: Failure of a generator of hazardous waste that meets the conditions to be transported on a consolidated manifest to comply with one or more of the required consolidated manifesting procedures and retain copies of receipts for three years.
Violation Notes: Observed the following consolidated manifests that were not property completed or incomplete: Facility has failed to use the correct state identification number on all consolidated manifest receipts with the exception of the most recent from 4-12-18. Ensure you communicate with hauler that CAL000327857 must be used. CAL000114902 belongs to prior owner and is not allowed to be used. Additionally, the following consolidated manifests failed to indicate a receiving facility. #003433997GBF shipped on 6-05-15 #003433971GBF shipped on 6-05-15 #003434224GBF shipped on 7-17-17
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 45963
Site Name: MADE IN JAPAN/MADE IN USA
Violation Date: 04-16-2018
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Facility most recently electronically submitted a hazardous materials business plan (HMBP) on 3-29-17. HMBP must be recertified annually.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 45963
Site Name: MADE IN JAPAN/MADE IN USA
Violation Date: 04-16-2018
Citation: 40 CFR 1 265.201(c)(5) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(5)
Violation Description: Failure to inspect hazardous waste tanks for the following, when present: 4) The construction materials of the tank at least weekly to detect corrosion or leaking of fixtures or seams. 5) The construction materials of, and the area immediately surrounding, discharge confinement structures (e.g., dikes) at least weekly to detect erosion or obvious signs of leakage (e.g., wet spots or dead vegetation).
Violation Notes: Clutter, debris, and absorbent around area of 2 waste oil tanks and 1 waste antifreeze tanks do not allow for a weekly visual inspection of the tanks and surrounding area.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 45963
Site Name: MADE IN JAPAN/MADE IN USA
Violation Date: 04-16-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22,

DRAFT

MADE IN JAPAN/MADE IN USA (Continued) **S107146490**

	Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	The following containers of hazardous waste were unmarked or insufficiently marked: 1x55 gal paper filters - no marking. 1x20 gal portable used antifreeze dolly - no marking. 1x20 gal portable used oil dolly - no marking.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	45963
Site Name:	MADE IN JAPAN/MADE IN USA
Violation Date:	04-16-2018
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes:	Facility has not notified landlord in writing.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-16-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	State ID # CAL000327857 is active. Reviewed disposal receipts from prior 3 years including: Antifreeze Oil Filters (Metal) Filters (Paper) Overfill prevention for waste tanks: Used oil tanks (2) - dipstick and visual checks prior to emptying container contents into tank. Used antifreeze - Visual checks prior to emptying container contents into tank. Leak detection for waste tanks: Visual only of tank and area immediately around tank.
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-16-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility most recently electronically submitted a hazardous materials business plan on 3-29-17. Reportable hazardous materials include but are not limited to: Waste coolant Waste oil New oil New coolant
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	Environmental Contact

DRAFT

MADE IN JAPAN/MADE IN USA (Continued) **S107146490**

Entity Name:	Darren Fernstrom
Entity Title:	Not reported
Affiliation Address:	16455 church st
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	DARREN FERNSTROM
Entity Title:	OWNER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	FERNSTROM, DARREN
Entity Title:	Not reported
Affiliation Address:	16455 CHURCH ST
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95037
Affiliation Phone:	(408) 776-7686

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	16455 CHURCH ST
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Parent Corporation
Entity Name:	MADE IN JAPAN/MADE IN USA
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

DRAFT

MADE IN JAPAN/MADE IN USA (Continued) **S107146490**

Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	DARREN FERNSTROM
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	FERNSTROM, DARREN
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 776-7686

Affiliation Type Desc:	Property Owner
Entity Name:	FRANCO DE CICCO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(805) 801-1248

CUPA SANTA CLARA:

Name:	MADE IN JAPAN/MADE IN USA
Address:	16455 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.132162
Longitude:	-121.611809
Record ID:	PR0387848
Facility ID:	FA0263322

Name:	MADE IN JAPAN/MADE IN USA
Address:	16455 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 4-6 CHEMICALS
Latitude:	37.132162
Longitude:	-121.611809
Record ID:	PR0388142
Facility ID:	FA0263322

DRAFT

MADE IN JAPAN/MADE IN USA (Continued) **S107146490**

CERS:

Name:	MADE IN JAPAN/MADE IN USA
Address:	16455 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	45963
CERS ID:	10346926
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	45963
Site Name:	MADE IN JAPAN/MADE IN USA
Violation Date:	04-16-2018
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Facility has 2 used oil tanks on-site that are both double walled, however facility is intentionally filling both the primary and secondary space with used oil. As tanks are currently being used, they do not have any secondary containment and are being stored on top of soil. Secondary space of tank tank nearest the building is at maximum capacity while secondary space of tank further away also holds used oil but is not full. The fact that used oil remains in the secondary space days after a recent used oil pickup indicates the disposal contractor is unaware of used oil being stored in secondary space of tanks. If you plan to continue filling the tank secondary space, ensure you obtain a true secondary containment around the tank. Also inform the disposal contractor that both primary and secondary space is being used as primary containment for used oil. If you decide to use the tank as designed by not fillingl the secondary space of the tank, ensure staff are trained [Truncated]
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	45963
Site Name:	MADE IN JAPAN/MADE IN USA
Violation Date:	04-16-2018
Citation:	HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description:	Failure of a generator of hazardous waste that meets the conditions to be transported on a consolidated manifest to comply with one or more of the required consolidated manifesting procedures and retain copies of receipts for three years.
Violation Notes:	Observed the following consolidated manifests that were not property completed or incomplete: Facility has failed to use the correct state identification number on all consolidated manifest receipts with the exception of the most recent from 4-12-18. Ensure you communicate with hauler that CAL000327857 must be used. CAL000114902 belongs to prior owner and is not allowed to be used. Additionally, the following consolidated manifests failed to indicate a receiving facility. #003433997GBF shipped on 6-05-15 #003433971GBF shipped on 6-05-15 #003434224GBF shipped on 7-17-17
Violation Division:	Santa Clara County Environmental Health

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MADE IN JAPAN/MADE IN USA (Continued) **S107146490**

Violation Program:	HW
Violation Source:	CERS
Site ID:	45963
Site Name:	MADE IN JAPAN/MADE IN USA
Violation Date:	04-16-2018
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Facility most recently electronically submitted a hazardous materials business plan (HMBP) on 3-29-17. HMBP must be recertified annually.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	45963
Site Name:	MADE IN JAPAN/MADE IN USA
Violation Date:	04-16-2018
Citation:	40 CFR 1 265.201(c)(5) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(5)
Violation Description:	Failure to inspect hazardous waste tanks for the following, when present: 4) The construction materials of the tank at least weekly to detect corrosion or leaking of fixtures or seams. 5) The construction materials of, and the area immediately surrounding, discharge confinement structures (e.g., dikes) at least weekly to detect erosion or obvious signs of leakage (e.g., wet spots or dead vegetation).
Violation Notes:	Clutter, debris, and absorbent around area of 2 waste oil tanks and 1 waste antifreeze tanks do not allow for a weekly visual inspection of the tanks and surrounding area.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	45963
Site Name:	MADE IN JAPAN/MADE IN USA
Violation Date:	04-16-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	The following containers of hazardous waste were unmarked or insufficiently marked: 1x55 gal paper filters - no marking. 1x20 gal portable used antifreeze dolly - no marking. 1x20 gal portable used oil dolly - no marking.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	45963
Site Name:	MADE IN JAPAN/MADE IN USA
Violation Date:	04-16-2018
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95,

Draft

MADE IN JAPAN/MADE IN USA (Continued) **S107146490**

	Section(s) 25505.1
Violation Description:	Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes:	Facility has not notified landlord in writing.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-16-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	State ID # CAL000327857 is active. Reviewed disposal receipts from prior 3 years including: Antifreeze Oil Filters (Metal) Filters (Paper) Overfill prevention for waste tanks: Used oil tanks (2) - dipstick and visual checks prior to emptying container contents into tank. Used antifreeze - Visual checks prior to emptying container contents into tank. Leak detection for waste tanks: Visual only of tank and area immediately around tank.
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-16-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility most recently electronically submitted a hazardous materials business plan on 3-29-17. Reportable hazardous materials include but are not limited to: Waste coolant Waste oil New oil New coolant
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	Darren Fernstrom
Entity Title:	Not reported
Affiliation Address:	16455 church st
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	DARREN FERNSTROM
Entity Title:	OWNER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

DRAFT

MADE IN JAPAN/MADE IN USA (Continued) **S107146490**

Affiliation Type Desc:	Legal Owner
Entity Name:	FERNSTROM, DARREN
Entity Title:	Not reported
Affiliation Address:	16455 CHURCH ST
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95037
Affiliation Phone:	(408) 776-7686

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	16455 CHURCH ST
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Parent Corporation
Entity Name:	MADE IN JAPAN/MADE IN USA
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	DARREN FERNSTROM
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	FERNSTROM, DARREN
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

DRAFT

MADE IN JAPAN/MADE IN USA (Continued) **S107146490**

Affiliation Zip:	Not reported
Affiliation Phone:	(408) 776-7686
Affiliation Type Desc:	Property Owner
Entity Name:	FRANCO DE CICCO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(805) 801-1248

F42 **MORGAN HILL AUTO BODY** **CERS HAZ WASTE** **S112346215**
SSE **16455 CHURCH ST C** **CUPA Listings** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037** **CERS**
0.159 mi.
838 ft. **Site 9 of 11 in cluster F**

Relative:
Lower
Actual:
335 ft.

CERS HAZ WASTE:

Site ID:	50141
CERS ID:	10346929
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	50141
Site Name:	MORGAN HILL AUTO BODY
Violation Date:	02-11-2016
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain and/or maintain an Active EPA ID.
Violation Notes:	Per the Hazardous Waste Tracking System, EPA ID# CAL000177012 is inactive. Provided owner with DTSC Form 1358.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-11-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine hazardous waste inspection. Inspection conducted with Ray Maiden. Fire extinguishers have received annual maintenance. Observed the following wastes on site: 1 x 55 gallon drum of solvent waste 1 x 30 gallon drum of waterborne waste 1 x 5 gallon container of waterborne waste G020C: 1 x 30 gallon drum of waterborne waste and 1 x 55 gallon drum of solvent waste were missing physical properties, and state markings. 1 x 5 gallon container of waterborne waste was missing proper markings. These markings were added during the inspection. G023C : 1 x 5 gallon container of waterborne waste was open during inspection. The cap was found and placed on the container. Note: A printout showing confirmation of facility's EPA ID number was provided. Confirmation was received 10/5/15.
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HW
Eval Source:	CERS

DRAFT

MORGAN HILL AUTO BODY (Continued) **S112346215**

Affiliation:

Affiliation Type Desc:	Parent Corporation
Entity Name:	MORGAN HILL AUTO BODY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	16455 CHURCH ST UNIT C
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

CUPA SANTA CLARA:

Name:	MORGAN HILL AUTO BODY
Address:	16455 CHURCH ST C
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.119083
Longitude:	-121.644398
Record ID:	PR0317391
Facility ID:	FA0203085

Name:	MORGAN HILL AUTO BODY
Address:	16455 CHURCH ST C
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Latitude:	37.119083
Longitude:	-121.644398
Record ID:	PR0375992
Facility ID:	FA0203085

DRAFT

MORGAN HILL AUTO BODY (Continued) **S112346215**

CERS:

Name:	MORGAN HILL AUTO BODY
Address:	16455 CHURCH ST C
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	50141
CERS ID:	10346929
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	50141
Site Name:	MORGAN HILL AUTO BODY
Violation Date:	02-11-2016
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain and/or maintain an Active EPA ID.
Violation Notes:	Per the Hazardous Waste Tracking System, EPA ID# CAL000177012 is inactive. Provided owner with DTSC Form 1358.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-11-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine hazardous waste inspection. Inspection conducted with Ray Maiden. Fire extinguishers have received annual maintenance. Observed the following wastes on site: 1 x 55 gallon drum of solvent waste 1 x 30 gallon drum of waterborne waste 1 x 5 gallon container of waterborne waste G020C: 1 x 30 gallon drum of waterborne waste and 1 x 55 gallon drum of solvent waste were missing physical properties, and state markings. 1 x 5 gallon container of waterborne waste was missing proper markings. These markings were added during the inspection. G023C : 1 x 5 gallon container of waterborne waste was open during inspection. The cap was found and placed on the container. Note: A printout showing confirmation of facility's EPA ID number was provided. Confirmation was received 10/5/15.
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	Parent Corporation
Entity Name:	MORGAN HILL AUTO BODY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported

DRAFT

MORGAN HILL AUTO BODY (Continued) **S112346215**

Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	16455 CHURCH ST UNIT C
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

F43 **MORGAN HILL AUTO BODY INC** **RCRA NonGen / NLR** **1024796550**
SSE **16455 CHURCH ST** **CAL000177012**
1/8-1/4 **MORGAN HILL, CA 95037**
0.159 mi.
838 ft. **Site 10 of 11 in cluster F**

Relative:
Lower

Actual:
335 ft.

RCRA NonGen / NLR:

Date form received by agency:	06/23/1995
Facility name:	MORGAN HILL AUTO BODY INC
Facility address:	16455 CHURCH ST MORGAN HILL, CA 95037-0000
EPA ID:	CAL000177012
Contact:	LARRY BIRAL
Contact address:	16455 CHURCH ST MORGAN HILL, CA 95037
Contact country:	Not reported
Contact telephone:	408-778-7999
Contact email:	MORGANHILLAUTOBODY@VERIZON.NET
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	LARRY BIRAL
Owner/operator address:	16455 CHURCH ST MORGAN HILL, CA 95037
Owner/operator country:	Not reported
Owner/operator telephone:	408-778-7999
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	LARRY BIRAL
Owner/operator address:	16455 CHURCH ST MORGAN HILL, CA 95037

DRAFT

MORGAN HILL AUTO BODY INC (Continued) **1024796550**

Owner/operator country:	Not reported
Owner/operator telephone:	408-776-3110
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

F44 **AUTOWORKS** **CUPA Listings** **S121471386**
SSE **16455 CHURCH ST H** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037**
0.159 mi.
838 ft. **Site 11 of 11 in cluster F**

Relative:
Lower

Actual:
335 ft.

CUPA SANTA CLARA:

Name:	AUTOWORKS
Address:	16455 CHURCH ST H
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.119083
Longitude:	-121.644398
Record ID:	PR0340008
Facility ID:	FA0240006

DRAFT

I45 ESE 1/8-1/4 0.160 mi. 845 ft. — **RA-TEK PRECIS SHEET METAL INC**, **195 MAST ST**, **MORGAN HILL, CA 95037** — **CUPA Listings** — **S121468870** / **N/A**

Site 1 of 9 in cluster I

Relative: Higher
Actual: 340 ft.

CUPA SANTA CLARA:

Name:	RA-TEK PRECIS SHEET METAL INC
Address:	195 MAST ST
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.12064
Longitude:	-121.642667
Record ID:	PR0314172
Facility ID:	FA0203200

I46 ESE 1/8-1/4 0.160 mi. 845 ft. — **J L CLARK**, **195 MAST ST**, **MORGAN HILL, CA 95037** — **CA FID UST** — **S101595487** / **N/A**

Site 2 of 9 in cluster I

Relative: Higher
Actual: 340 ft.

CA FID UST:

Facility ID:	49003656
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4087793108
Mail To:	Not reported
Mailing Address:	2300 6TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MORGAN HILL 95037
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

I47 ESE 1/8-1/4 0.160 mi. 845 ft. — **J L CLARK**, **195 MAST ST**, **MORGAN HILL, CA 95037** — **SWEEPS UST**, **CA FID UST** — **S101594510** / **N/A**

Site 3 of 9 in cluster I

Relative: Higher
Actual: 340 ft.

SWEEPS UST:

Name:	J L CLARK
Address:	195 MAST ST
City:	MORGAN HILL
Status:	Active
Comp Number:	66668
Number:	1
Board Of Equalization:	Not reported
Referral Date:	04-13-90

DRAFT

J L CLARK (Continued) **S101594510**

Action Date: 04-13-90
Created Date: 04-13-90
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-066668-000001
Tank Status: A
Capacity: 1
Active Date: 04-13-90
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 1

Name: J L CLARK
Address: 195 MAST ST
City: MORGAN HILL
Status: Active
Comp Number: 66668
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-13-90
Action Date: 04-13-90
Created Date: 04-13-90
Owner Tank Id: Not reported
SWRCB Tank Id: 43-004-066668-000001
Tank Status: A
Capacity: 1
Active Date: 04-13-90
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 1

Name: J L CLARK
Address: 195 MAST ST
City: MORGAN HILL
Status: Active
Comp Number: 66668
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-13-90
Action Date: 04-13-90
Created Date: 04-13-90
Owner Tank Id: Not reported
SWRCB Tank Id: 43-004-066668-000001
Tank Status: A
Capacity: 1
Active Date: 04-13-90
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 1

CA FID UST:
Facility ID: 43002965
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported

DRAFT

J L CLARK (Continued) **S101594510**

SIC Code:	Not reported
Facility Phone:	4087793108
Mail To:	Not reported
Mailing Address:	2300 6TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MORGAN HILL 95037
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

I48 **CALLIBER COLLISION CENTERS** **RCRA NonGen / NLR** **1024871753**
ESE **140 MAST ST** **CAL000440399**
1/8-1/4 **MORGAN HILL, CA 95037**
0.161 mi.
851 ft. **Site 4 of 9 in cluster I**

Relative:
Higher

Actual:
338 ft.

RCRA NonGen / NLR:

Date form received by agency:	10/29/2018
Facility name:	CALLIBER COLLISION CENTERS
Facility address:	140 MAST ST MORGAN HILL, CA 95037
EPA ID:	CAL000440399
Mailing address:	401 E CORPORATE DR STE 150 LEWISVILLE, TX 75057
Contact:	SHARON LAWRENCE
Contact address:	401 E CORPORATE DR STE 150 LEWISVILLE, TX 75057
Contact country:	Not reported
Contact telephone:	469-948-9500
Contact email:	LICENSEANDPERMITS@CALIBERCOLLISION.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CALIBER BODYWORKS INC
Owner/operator address:	401 E CORPORATE DR STE 150 LEWISVILLE, TX 75057
Owner/operator country:	Not reported
Owner/operator telephone:	469-948-9500
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	SHARON LAWRENCE
Owner/operator address:	401 E CORPORATE DR STE 150 LEWISVILLE, TX 75057
Owner/operator country:	Not reported
Owner/operator telephone:	469-948-9500

DRAFT

CALLIBER COLLISION CENTERS (Continued) **1024871753**

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

I49
ESE
1/8-1/4
0.161 mi.
851 ft.

CALIBER COLLISION CENTER - MORGAN HILL **CERS HAZ WASTE** **S123302034**
140 MAST ST **CUPA Listings** **N/A**
MORGAN HILL, CA 95037 **CERS**

Site 5 of 9 in cluster I

Relative:
Higher

Actual:
338 ft.

CERS HAZ WASTE:
Site ID: 445795
CERS ID: 10778050
CERS Description: Hazardous Waste Generator

Coordinates:
Site ID: 445795
Facility Name: Caliber Collision Center - Morgan Hill
Env Int Type Code: HMBP
Program ID: 10778050
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.119960
Longitude: -121.643140

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 401 E CORPORATE DR STE 150
Affiliation City: Lewisville
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: 75057
Affiliation Phone: Not reported

DRAFT

CALIBER COLLISION CENTER - MORGAN HILL (Continued) **S123302034**

Affiliation Type Desc:	Operator
Entity Name:	CALIBER COLLISION CENTER
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(469) 948-9500

Affiliation Type Desc:	Document Preparer
Entity Name:	Allison Kahl
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Sharon Lawrence
Entity Title:	Regulatory coordinator
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Legal Owner
Entity Name:	Caliber Bodyworks, Inc.
Entity Title:	Not reported
Affiliation Address:	401 E Corporate Drive - Suite 150
Affiliation City:	Lewisville
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75057
Affiliation Phone:	(469) 948-9500

Affiliation Type Desc:	Environmental Contact
Entity Name:	GMG Envirosafe
Entity Title:	Not reported
Affiliation Address:	1658 N Milwaukee Avenue - Suite 287
Affiliation City:	Chicago
Affiliation State:	IL
Affiliation Country:	Not reported

DRAFT

CALIBER COLLISION CENTER - MORGAN HILL (Continued) **S123302034**

Affiliation Zip:	60647
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Caliber Bodyworks, Inc. dba Caliber Collision Centers
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

CUPA SANTA CLARA:

Name:	CALIBER COLLISION CENTERS INC
Address:	140 MAST ST
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 7-9 CHEMICALS
Latitude:	37.1199591
Longitude:	-121.6432796
Record ID:	PR0433918
Facility ID:	FA0288586
Name:	CALIBER COLLISION CENTERS INC
Address:	140 MAST ST
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.1199591
Longitude:	-121.6432796
Record ID:	PR0433919
Facility ID:	FA0288586

CERS:

Name:	CALIBER COLLISION CENTER - MORGAN HILL
Address:	140 MAST ST
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	445795
CERS ID:	10778050
CERS Description:	Chemical Storage Facilities

Coordinates:

Site ID:	445795
Facility Name:	Caliber Collision Center - Morgan Hill
Env Int Type Code:	HMBP
Program ID:	10778050
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	37.119960
Longitude:	-121.643140

Affiliation:

DRAFT

CALIBER COLLISION CENTER - MORGAN HILL (Continued) **S123302034**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	401 E CORPORATE DR STE 150
Affiliation City:	Lewisville
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75057
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	CALIBER COLLISION CENTER
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(469) 948-9500

Affiliation Type Desc:	Document Preparer
Entity Name:	Allison Kahl
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Sharon Lawrence
Entity Title:	Regulatory coordinator
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Legal Owner
Entity Name:	Caliber Bodyworks, Inc.
Entity Title:	Not reported
Affiliation Address:	401 E Corporate Drive - Suite 150
Affiliation City:	Lewisville
Affiliation State:	TX
Affiliation Country:	United States

DRAFT

CALIBER COLLISION CENTER - MORGAN HILL (Continued) **S123302034**

Affiliation Zip:	75057
Affiliation Phone:	(469) 948-9500
Affiliation Type Desc:	Environmental Contact
Entity Name:	GMG Envirosafe
Entity Title:	Not reported
Affiliation Address:	1658 N Milwaukee Avenue - Suite 287
Affiliation City:	Chicago
Affiliation State:	IL
Affiliation Country:	Not reported
Affiliation Zip:	60647
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Caliber Bodyworks, Inc. dba Caliber Collision Centers
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

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50 **KWIK WAY INDUSTRIES LLC** **RCRA NonGen / NLR** **1024837746**
ENE **196 SAN PEDRO AVE** **CAL000383728**
1/8-1/4 **MORGAN HILL, CA 95037**
0.172 mi.
908 ft.

Relative:
Higher

Actual:
343 ft.

RCRA NonGen / NLR:

Date form received by agency:	03/22/2013
Facility name:	KWIK WAY INDUSTRIES LLC
Facility address:	196 SAN PEDRO AVE MORGAN HILL, CA 95037
EPA ID:	CAL000383728
Mailing address:	185 WARREN AVE MORGAN HILL, CA 95037-0000
Contact:	DAVE GRAVES
Contact address:	185 WARREN AVE MORGAN HILL, CA 95037
Contact country:	Not reported
Contact telephone:	408-930-2242
Contact email:	KWIKWAYIND@YMAIL.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	DAVE GRAVES
Owner/operator address:	185 WARREN AVE MORGAN HILL, CA 95037
Owner/operator country:	Not reported
Owner/operator telephone:	408-930-2242
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported

DRAFT

KWIK WAY INDUSTRIES LLC (Continued) **1024837746**

Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: KWIK WAY INDUSTRIES
Owner/operator address: 185 WARREN AVE
MORGAN HILL, CA 95037
Owner/operator country: Not reported
Owner/operator telephone: 408-930-2242
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

G51 **FRED'S EUROPEAN** **CUPA Listings** **S121473243**
SE **16415 CHURCH ST** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037**
0.175 mi.
926 ft. **Site 2 of 2 in cluster G**

Relative:
Lower

Actual:
336 ft.

CUPA SANTA CLARA:
Name: FRED'S EUROPEAN
Address: 16415 CHURCH ST
City,State,Zip: MORGAN HILL, CA 95037
Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Latitude: 37.11891
Longitude: -121.644007
Record ID: PR0378004
Facility ID: FA0258201

DRAFT

J52 North 1/8-1/4 0.177 mi. 937 ft. | **NO EAST WEST SO MAGNETICS CORP**
16890 CHURCH ST 17
MORGAN HILL, CA 95037 | **CERS HAZ WASTE**
CUPA Listings
CERS | **S103979565**
N/A

Site 1 of 17 in cluster J

Relative: Higher

Actual: 342 ft.

CERS HAZ WASTE:

Site ID:	138437
CERS ID:	10347223
CERS Description:	Hazardous Waste Generator

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-18-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Facility most recently submitted an electronic hazardous materials business plan on 10-10-2017 Reportable hazardous materials on-site include but are not limited to: Transformer Oil (2x 300 gal capacity) Facility currently has approximately 100 gallons of transformer oil on-site and in a 300 gallon tank. NOTE: Facility would not be subject to this permit if the oil on-site was downgraded to 55 gallons or less (in shell capacity). Notify the County if you wish to downsize.
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-18-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Facility specialized in dry and oil filled transformers, inductors, high voltage supplies, and coil winding. Owner believes the last disposal occurred over 5 years ago. Historically, facility had generated small amounts of transformer oil as a result of receiving and working on oil containing transformers that required draining. Facility does not generate hazardous waste and permit will be inactivated. Facility is eligible to participate in the County's hazardous waste disposal program for small businesses in the event that hazardous waste is generated. Go to HHW.ORG to participate.
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Document Preparer
Entity Name:	Clarence C Ruckriegel
Entity Title:	Not reported
Affiliation Address:	Not reported

DRAFT

NO EAST WEST SO MAGNETICS CORP (Continued) **S103979565**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	VONG, LAY
Entity Title:	Not reported
Affiliation Address:	16890 CHURCH ST #17
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95037
Affiliation Phone:	(408) 776-9876

Affiliation Type Desc:	Operator
Entity Name:	Lay C Vong
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 251-9007

Affiliation Type Desc:	Parent Corporation
Entity Name:	NO EAST WEST SO MAGNETICS CORP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Lay C Vong
Entity Title:	Not reported
Affiliation Address:	16890 Church St # 17
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	16890 CHURCH ST #17
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer

DRAFT

NO EAST WEST SO MAGNETICS CORP (Continued) **S103979565**

Entity Name:	Lay C Vong
Entity Title:	President / owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	South County Ind. Park (Angelo Leber)
Entity Title:	Not reported
Affiliation Address:	PO Box 877
Affiliation City:	Saratoga
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95071
Affiliation Phone:	(408) 309-5733

CUPA SANTA CLARA:

Name:	NO EAST WEST SO MAGNETICS CORP
Address:	16890 CHURCH ST 17
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2202
Program Description:	GENERATES < 100 KG/YR
Latitude:	37.124521
Longitude:	-121.647414
Record ID:	PR0340384
Facility ID:	FA0240314

Name:	NO EAST WEST SO MAGNETICS CORP
Address:	16890 CHURCH ST 17
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Latitude:	37.124521
Longitude:	-121.647414
Record ID:	PR0375144
Facility ID:	FA0240314

CERS:

Name:	NO EAST WEST SO MAGNETICS CORP
Address:	16890 CHURCH ST 17
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	138437
CERS ID:	10347223
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-18-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Facility most recently submitted an electronic hazardous materials

DRAFT

NO EAST WEST SO MAGNETICS CORP (Continued) **S103979565**

business plan on 10-10-2017 Reportable hazardous materials on-site include but are not limited to: Transformer Oil (2x 300 gal capacity) Facility currently has approximately 100 gallons of transformer oil on-site and in a 300 gallon tank. NOTE: Facility would not be subject to this permit if the oil on-site was downgraded to 55 gallons or less (in shell capacity). Notify the County if you wish to downsize.

Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-18-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility specialized in dry and oil filled transformers, inductors, high voltage supplies, and coil winding. Owner believes the last disposal occurred over 5 years ago. Historically, facility had generated small amounts of transformer oil as a result of receiving and working on oil containing transformers that required draining. Facility does not generate hazardous waste and permit will be inactivated. Facility is eligible to participate in the County's hazardous waste disposal program for small businesses in the event that hazardous waste is generated. Go to HHW.ORG to participate.
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400

Affiliation Type Desc: Document Preparer
Entity Name: Clarence C Ruckriegel
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: VONG, LAY
Entity Title: Not reported
Affiliation Address: 16890 CHURCH ST #17
Affiliation City: MORGAN HILL
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95037
Affiliation Phone: (408) 776-9876

DRAFT

NO EAST WEST SO MAGNETICS CORP (Continued) **S103979565**

Affiliation Type Desc:	Operator
Entity Name:	Lay C Vong
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 251-9007

Affiliation Type Desc:	Parent Corporation
Entity Name:	NO EAST WEST SO MAGNETICS CORP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Lay C Vong
Entity Title:	Not reported
Affiliation Address:	16890 Church St # 17
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	16890 CHURCH ST #17
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Lay C Vong
Entity Title:	President / owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	South County Ind. Park (Angelo Leber)
Entity Title:	Not reported
Affiliation Address:	PO Box 877
Affiliation City:	Saratoga
Affiliation State:	CA
Affiliation Country:	United States

DRAFT

NO EAST WEST SO MAGNETICS CORP (Continued) **S103979565**

Affiliation Zip: 95071
Affiliation Phone: (408) 309-5733

J53 **A TOUCH OF COLOR** **CUPA Listings** **S121472777**
North **16890 CHURCH ST** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037**
0.177 mi.
937 ft. **Site 2 of 17 in cluster J**

Relative:
Higher
Actual:
342 ft.

CUPA SANTA CLARA:

Name:	A TOUCH OF COLOR
Address:	16890 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.124521
Longitude:	-121.647414
Record ID:	PR0373675
Facility ID:	FA0255889

J54 **ABM SCALE COMPANY** **CUPA Listings** **S121471478**
North **16890 CHURCH ST #13** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037**
0.177 mi.
937 ft. **Site 3 of 17 in cluster J**

Relative:
Higher
Actual:
342 ft.

CUPA SANTA CLARA:

Name:	ABM SCALE COMPANY
Address:	16890 CHURCH ST #13
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Latitude:	37.124521
Longitude:	-121.647414
Record ID:	PR0316793
Facility ID:	FA0240392

J55 **HEICK'S CABINET SHOP, INC. DBA: HCSI** **CUPA Listings** **S118754884**
North **16890 CHURCH ST # 12** **N/A**
1/8-1/4 **MORGAN HILL, CA 95035**
0.177 mi.
937 ft. **Site 4 of 17 in cluster J**

Relative:
Higher
Actual:
342 ft.

CUPA SANTA CLARA:

Name:	HEICK'S CABINET SHOP, INC. DBA: HCSI
Address:	16890 CHURCH ST # 12
City,State,Zip:	MORGAN HILL, CA 95035
Region:	SANTA CLARA
PE#:	2202
Program Description:	GENERATES < 100 KG/YR
Latitude:	37.123635
Longitude:	-121.645947

DRAFT

HEICK'S CABINET SHOP, INC. DBA: HCSI (Continued) **S118754884**

Record ID:	PR0390303
Facility ID:	FA0264611
Name:	HEICK'S CABINET SHOP, INC. DBA: HCSI
Address:	16890 CHURCH ST # 12
City,State,Zip:	MORGAN HILL, CA 95035
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Latitude:	37.123635
Longitude:	-121.645947
Record ID:	PR0421227
Facility ID:	FA0264611

J56 **D AND A SPRAY** **RCRA-SQG** **1001085774**
North **16890 CHURCH ST BLDG 12** **FINDS** **CAR000011023**
1/8-1/4 **MORGAN HILL, CA 95037** **ECHO**
0.177 mi. **HIST CORTESE**
937 ft. **Site 5 of 17 in cluster J**

Relative:
Higher

Actual:
342 ft.

RCRA-SQG:

Date form received by agency:	04/09/1996
Facility name:	D AND A SPRAY
Facility address:	16890 CHURCH ST BLDG 12 MORGAN HILL, CA 95037
EPA ID:	CAR000011023
Mailing address:	CHURCH ST BLDG 12 MORGAN HILL, CA 95037
Contact:	BOB DALTON
Contact address:	16890 CHURCH ST BLDG 12 MORGAN HILL, CA 95037
Contact country:	US
Contact telephone:	408-778-1616
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	BOB DALTON
Owner/operator address:	16890 CHURCH ST BLDG 12 MORGAN HILL, CA 95037
Owner/operator country:	Not reported
Owner/operator telephone:	408-778-1616
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

DRAFT

D AND A SPRAY (Continued) **1001085774**

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110009552493

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001085774
Registry ID:	110009552493
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009552493

HIST CORTESE:

edr_fname:	AAFES GAS STATION BLDG 23
edr_fadd1:	16890 CHURCH
City,State,Zip:	MORGAN HILL, CA
Region:	CORTESE
Facility County Code:	43
Reg By:	LTNKA
Reg Id:	2580

DRAFT

J57 North 1/8-1/4 0.177 mi. 937 ft. | **RAWSON CUSTOM CABINETS INC**
16890 CHURCH ST BLDG 1A
MORGAN HILL, CA 95037 | **RCRA-SQG, EMI, HAZNET** | **1004676133**
CAR000081265

Site 6 of 17 in cluster J

Relative: Higher

Actual: 342 ft.

RCRA-SQG:

Date form received by agency:	08/29/2000
Facility name:	RAWSON CUSTOM CABINETS INC
Facility address:	16890 CHURCH ST BLDG 1A MORGAN HILL, CA 95037-5115
EPA ID:	CAR000081265
Contact:	LARRY CHIVERS
Contact address:	16890 CHURCH ST BLDG 1A MORGAN HILL, CA 95037-5115
Contact country:	US
Contact telephone:	408-779-9838
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	DENNIS RAWSON
Owner/operator address:	16890 CHURCH ST BLDG 1A MORGAN HILL, CA 95037
Owner/operator country:	Not reported
Owner/operator telephone:	408-779-9838
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

DRAFT

RAWSON CUSTOM CABINETS INC (Continued) **1004676133**

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

EMI:

Name:	RAWSON CUSTOM CABINET INC
Address:	16890 CHURCH ST, UNIT #1
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2001
County Code:	43
Air Basin:	SF
Facility ID:	12636
Air District Name:	BA
SIC Code:	5712
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	RAWSON CUSTOM CABINET INC
Address:	16890 CHURCH ST, UNIT #1
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2002
County Code:	43

DRAFT

RAWSON CUSTOM CABINETS INC (Continued) **1004676133**

Air Basin:	SF
Facility ID:	12636
Air District Name:	BA
SIC Code:	5712
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	RAWSON CUSTOM CABINET INC
Address:	16890 CHURCH ST, UNIT #1
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2003
County Code:	43
Air Basin:	SF
Facility ID:	12636
Air District Name:	BA
SIC Code:	5712
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	RAWSON CUSTOM CABINET INC
Address:	16890 CHURCH ST, UNIT #1
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2004
County Code:	43
Air Basin:	SF
Facility ID:	12636
Air District Name:	BA
SIC Code:	5712
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.005
Reactive Organic Gases Tons/Yr:	2.1471092
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	RAWSON CUSTOM CABINET INC
Address:	16890 CHURCH ST, UNIT #1

DRAFT

RAWSON CUSTOM CABINETS INC (Continued) **1004676133**

City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2005
County Code:	43
Air Basin:	SF
Facility ID:	12636
Air District Name:	BA
SIC Code:	5712
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.167
Reactive Organic Gases Tons/Yr:	1.5497174
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	RAWSON CUSTOM CABINET INC
Address:	16890 CHURCH ST, UNIT #1
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2006
County Code:	43
Air Basin:	SF
Facility ID:	12636
Air District Name:	BA
SIC Code:	5712
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.167
Reactive Organic Gases Tons/Yr:	1.5497174
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	RAWSON CUSTOM CABINET INC
Address:	16890 CHURCH ST, UNIT #1
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2007
County Code:	43
Air Basin:	SF
Facility ID:	12636
Air District Name:	BA
SIC Code:	5712
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.452
Reactive Organic Gases Tons/Yr:	1.8230804
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

DRAFT

RAWSON CUSTOM CABINETS INC (Continued) **1004676133**

Name:	RAWSON CUSTOM CABINET INC
Address:	16890 CHURCH ST, UNIT #1
City,State,Zip:	MORGAN HILL, CA 95037
Year:	2008
County Code:	43
Air Basin:	SF
Facility ID:	12636
Air District Name:	BA
SIC Code:	5712
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.942
Reactive Organic Gases Tons/Yr:	1.4383862
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	RAWSON CUSTOM CABINET INC
Address:	16890 CHURCH ST, UNIT #1
City,State,Zip:	MORGAN HILL, CA 95037
Year:	2009
County Code:	43
Air Basin:	SF
Facility ID:	12636
Air District Name:	BA
SIC Code:	5712
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.9670000000000001
Reactive Organic Gases Tons/Yr:	2.6876312000000002
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	RAWSON CUSTOM CABINET INC
Address:	16890 CHURCH ST, UNIT #1
City,State,Zip:	MORGAN HILL, CA 95037
Year:	2010
County Code:	43
Air Basin:	SF
Facility ID:	12636
Air District Name:	BA
SIC Code:	5712
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.2270000000000001
Reactive Organic Gases Tons/Yr:	0.84799440000000004
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

DRAFT

RAWSON CUSTOM CABINETS INC (Continued) **1004676133**

Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	RAWSON CUSTOM CABINET INC
Address:	16890 CHURCH ST, UNIT #1
City,State,Zip:	MORGAN HILL, CA 95037
Year:	2011
County Code:	43
Air Basin:	SF
Facility ID:	12636
Air District Name:	BA
SIC Code:	5712
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.008
Reactive Organic Gases Tons/Yr:	0.6956016
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	RAWSON CUSTOM CABINET INC
Address:	16890 CHURCH ST, UNIT #1
City,State,Zip:	MORGAN HILL, CA 95037
Year:	2012
County Code:	43
Air Basin:	SF
Facility ID:	12636
Air District Name:	BA
SIC Code:	5712
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.008
Reactive Organic Gases Tons/Yr:	0.6956016
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	RAWSON CUSTOM CABINET INC
Address:	16890 CHURCH ST, UNIT #1
City,State,Zip:	MORGAN HILL, CA 95037
Year:	2013
County Code:	43
Air Basin:	SF
Facility ID:	12636
Air District Name:	BA
SIC Code:	5712
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.008
Reactive Organic Gases Tons/Yr:	0.6956016

DRAFT

RAWSON CUSTOM CABINETS INC (Continued) **1004676133**

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	RAWSON CUSTOM CABINET INC
Address:	16890 CHURCH ST, UNIT #1
City,State,Zip:	MORGAN HILL, CA 95037
Year:	2014
County Code:	43
Air Basin:	SF
Facility ID:	12636
Air District Name:	BA
SIC Code:	5712
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.007945265
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	RAWSON CUSTOM CABINET INC
Address:	16890 CHURCH ST, UNIT #1
City,State,Zip:	MORGAN HILL, CA 95037
Year:	2015
County Code:	43
Air Basin:	SF
Facility ID:	12636
Air District Name:	BA
SIC Code:	5712
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.38814339
Reactive Organic Gases Tons/Yr:	1.2968204449
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	RAWSON CUSTOM CABINET INC
Address:	16890 CHURCH ST, UNIT #1
City,State,Zip:	MORGAN HILL, CA 95037
Year:	2016
County Code:	43
Air Basin:	SF
Facility ID:	12636
Air District Name:	BA
SIC Code:	5712
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

DRAFT

RAWSON CUSTOM CABINETS INC (Continued) **1004676133**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.552090826
Reactive Organic Gases Tons/Yr:	1.0412675521
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

HAZNET:

Name:	RAWSON CUSTOM CABINETS INC
Address:	16890 CHURCH ST BLDG 1A
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2017
GEPAID:	CAR000081265
Contact:	DENNIS RAWSON/OWNER
Telephone:	4087799838
Mailing Name:	Not reported
Mailing Address:	16890 CHURCH ST BLDG 1A
Mailing City,St,Zip:	MORGAN HILL, CA 950370000
Gen County:	Santa Clara
TSD EPA ID:	UTD981552177
TSD County:	99
Tons:	0.35
CA Waste Code:	352-Other organic solids
Method:	H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County:	Santa Clara

Name:	RAWSON CUSTOM CABINETS INC
Address:	16890 CHURCH ST BLDG 1A
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2017
GEPAID:	CAR000081265
Contact:	DENNIS RAWSON/OWNER
Telephone:	4087799838
Mailing Name:	Not reported
Mailing Address:	16890 CHURCH ST BLDG 1A
Mailing City,St,Zip:	MORGAN HILL, CA 950370000
Gen County:	Santa Clara
TSD EPA ID:	NED981723513
TSD County:	99
Tons:	0.2225
CA Waste Code:	352-Other organic solids
Method:	H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County:	Santa Clara

Name:	RAWSON CUSTOM CABINETS INC
Address:	16890 CHURCH ST BLDG 1A
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2017
GEPAID:	CAR000081265
Contact:	DENNIS RAWSON/OWNER
Telephone:	4087799838
Mailing Name:	Not reported
Mailing Address:	16890 CHURCH ST BLDG 1A
Mailing City,St,Zip:	MORGAN HILL, CA 950370000
Gen County:	Santa Clara

DRAFT

RAWSON CUSTOM CABINETS INC (Continued) **1004676133**

TSD EPA ID: CAD059494310
TSD County: Santa Clara
Tons: 0.594
CA Waste Code: 214-Unspecified solvent mixture
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Santa Clara

Name: RAWSON CUSTOM CABINETS INC
Address: 16890 CHURCH ST BLDG 1A
City,State,Zip: MORGAN HILL, CA 950370000
Year: 2017
GEPAID: CAR000081265
Contact: DENNIS RAWSON/OWNER
Telephone: 4087799838
Mailing Name: Not reported
Mailing Address: 16890 CHURCH ST BLDG 1A
Mailing City,St,Zip: MORGAN HILL, CA 950370000
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Tons: 0.594
CA Waste Code: 214-Unspecified solvent mixture
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Santa Clara

Name: RAWSON CUSTOM CABINETS INC
Address: 16890 CHURCH ST BLDG 1A
City,State,Zip: MORGAN HILL, CA 950370000
Year: 2017
GEPAID: CAR000081265
Contact: DENNIS RAWSON/OWNER
Telephone: 4087799838
Mailing Name: Not reported
Mailing Address: 16890 CHURCH ST BLDG 1A
Mailing City,St,Zip: MORGAN HILL, CA 950370000
Gen County: Santa Clara
TSD EPA ID: UTD981552177
TSD County: 99
Tons: 0.35
CA Waste Code: 352-Other organic solids
Method: H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
97 additional CA_HAZNET: record(s) in the EDR Site Report.

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J58 North 1/8-1/4 0.177 mi. 937 ft. | **JBM CUSTOM CABINETS**
16890 CHURCH ST 6B
MORGAN HILL, CA 95037 | **CUPA Listings** | **S113663265**
N/A

Site 7 of 17 in cluster J

Relative: Higher
Actual: 342 ft.

CUPA SANTA CLARA:

Name:	JBM CUSTOM CABINETS
Address:	16890 CHURCH ST 6B
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2202
Program Description:	GENERATES < 100 KG/YR
Latitude:	37.124521
Longitude:	-121.647414
Record ID:	PR0387676
Facility ID:	FA0260109

Name:	JBM CUSTOM CABINETS
Address:	16890 CHURCH ST 6B
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2502
Program Description:	HAZMAT STORAGE FACILITY-MINIMAL STORAGE SITE
Latitude:	37.124521
Longitude:	-121.647414
Record ID:	PR0381205
Facility ID:	FA0260109

J59 North 1/8-1/4 0.177 mi. 937 ft. | **J&J TOOL & DIE**
16890 CHURCH ST BUILDING 18
MORGAN HILL, CA 95037 | **RCRA-SQG**
FINDS
ECHO | **1000134070**
CAD981981772

Site 8 of 17 in cluster J

Relative: Higher
Actual: 342 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	J&J TOOL & DIE
Facility address:	16890 CHURCH ST BUILDING 18 MORGAN HILL, CA 95037
EPA ID:	CAD981981772
Mailing address:	CHURCH ST BUILDING 18 MORGAN HILL, CA 95037
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	FLANAGAN & SON MAC

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J&J TOOL & DIE (Continued) **1000134070**

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110009541013

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

DRAFT

J&J TOOL & DIE (Continued) **1000134070**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000134070
Registry ID:	110009541013
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009541013

J60 **CALIFORNIA CABINET** **CUPA Listings** **S121473056**
North **16890 CHURCH ST 12** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037**
0.177 mi.
937 ft. **Site 9 of 17 in cluster J**

Relative:
Higher

Actual:
342 ft.

CUPA SANTA CLARA:

Name:	CALIFORNIA CABINET
Address:	16890 CHURCH ST 12
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2202
Program Description:	GENERATES < 100 KG/YR
Latitude:	37.124521
Longitude:	-121.647414
Record ID:	PR0376283
Facility ID:	FA0257359

J61 **SOUTH COUNTY INDUSTRIAL PARK** **CUPA Listings** **S112962443**
North **16890 CHURCH ST** **HAZNET** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037**
0.177 mi.
937 ft. **Site 10 of 17 in cluster J**

Relative:
Higher

Actual:
342 ft.

CUPA SANTA CLARA:

Name:	JUAN'S CUSTOM FURNITURE & KITCHEN CABINETS
Address:	16890 CHURCH ST 15
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2202
Program Description:	GENERATES < 100 KG/YR
Latitude:	37.123635
Longitude:	-121.645947
Record ID:	PR0389770
Facility ID:	FA0264372

HAZNET:

Name:	SOUTH COUNTY INDUSTRIAL PARK
Address:	16890 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2007
GEPAID:	CAC002618272
Contact:	ANGELO LIBER
Telephone:	4083934327
Mailing Name:	Not reported
Mailing Address:	16890 CHURCH ST

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SOUTH COUNTY INDUSTRIAL PARK (Continued) **S112962443**

Mailing City,St,Zip:	MORGAN HILL, CA 950370000
Gen County:	Santa Clara
TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Tons:	0.175
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Santa Clara

Name:	SOUTH COUNTY INDUSTRIAL PARK
Address:	16890 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2007
GEPAID:	CAC002618272
Contact:	ANGELO LIBER
Telephone:	4083934327
Mailing Name:	Not reported
Mailing Address:	16890 CHURCH ST
Mailing City,St,Zip:	MORGAN HILL, CA 950370000
Gen County:	Santa Clara
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Tons:	1.372
CA Waste Code:	343-Unspecified organic liquid mixture
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Santa Clara

Name:	SOUTH COUNTY INDUSTRIAL PARK
Address:	16890 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2007
GEPAID:	CAC002618272
Contact:	ANGELO LIBER
Telephone:	4083934327
Mailing Name:	Not reported
Mailing Address:	16890 CHURCH ST
Mailing City,St,Zip:	MORGAN HILL, CA 950370000
Gen County:	Santa Clara
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Tons:	0.0175
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Santa Clara

Name:	SOUTH COUNTY INDUSTRIAL PARK
Address:	16890 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2007
GEPAID:	CAC002618272
Contact:	ANGELO LIBER
Telephone:	4083934327
Mailing Name:	Not reported
Mailing Address:	16890 CHURCH ST

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SOUTH COUNTY INDUSTRIAL PARK (Continued) **S112962443**

Mailing City,St,Zip:	MORGAN HILL, CA 950370000
Gen County:	Santa Clara
TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Tons:	0.175
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Santa Clara

Name:	SOUTH COUNTY INDUSTRIAL PARK
Address:	16890 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2007
GEPAID:	CAC002618272
Contact:	ANGELO LIBER
Telephone:	4083934327
Mailing Name:	Not reported
Mailing Address:	16890 CHURCH ST
Mailing City,St,Zip:	MORGAN HILL, CA 950370000
Gen County:	Santa Clara
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Tons:	1.372
CA Waste Code:	343-Unspecified organic liquid mixture
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

J62 **JBM CUSTOM CABINETS** **CERS HAZ WASTE** **S121773749**
North **16890 CHURCH ST** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037**
0.177 mi.
937 ft. **Site 11 of 17 in cluster J**

Relative:
Higher

Actual:
342 ft.

CERS HAZ WASTE:

Site ID:	39534
CERS ID:	10347214
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	39534
Site Name:	JBM CUSTOM CABINETS
Violation Date:	01-18-2018
Citation:	22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description:	Failure to meet the following conditions of satellite accumulation regulations: ? Accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator. ? Total time hazardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accmulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first. ? The generator complies with section 66265.171,

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JBM CUSTOM CABINETS (Continued) **S121773749**

66265.172, and 66265.173(a). ? The container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words ?Hazardous Waste? including specified information ? Container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a ?90 day? accumulation area ? 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated

Violation Notes: Returned to compliance on 05/02/2018. Facility has been accumulating waste for over 3 years. Observed a minimum of 10-5 gal containers of thinner/stain/lacquer waste on-site at time of inspection.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 39534
Site Name: JBM CUSTOM CABINETS
Violation Date: 01-18-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 05/02/2018. Observed over 10-5 gal containers of thinner/stain/lacquer waste without any hazardous waste markings.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 39534
Site Name: JBM CUSTOM CABINETS
Violation Date: 01-18-2018
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 05/02/2018. Identification number CAL000301117 has been inactive since 6-30-2008. Reactivate number.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-18-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility produces cabinetry and finished wood products. Facility is eligible to participate in the County's hazardous waste disposal program for small businesses. To participate, go to HHW.ORG. Waste streams generated include but are not limited to: Gun cleaning solvent waste Liquid stain waste (left overs) Spray booth filters Rags contaminated with stain and/or thinner

DRAFT

JBM CUSTOM CABINETS (Continued) **S121773749**

Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: JBM CUSTOM CABINETS
Entity Title: Not reported
Affiliation Address: 16890 CHURCH ST
Affiliation City: MORGAN HILL
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95037
Affiliation Phone: (408) 803-2635

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 16890 CHURCH ST BLDG 6 SPACE B
Affiliation City: MORGAN HILL
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95037
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400

Affiliation Type Desc: Parent Corporation
Entity Name: JBM CUSTOM CABINETS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

J63 **RAWSON CUSTOM CABINETS** **CERS HAZ WASTE** **S112346518**
North **16890 CHURCH ST 1A** **CUPA Listings** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037** **CERS**
0.177 mi.
937 ft. **Site 12 of 17 in cluster J**

Relative:
Higher

Actual:
342 ft.

CERS HAZ WASTE:
Site ID: 146731
CERS ID: 10347226
CERS Description: Hazardous Waste Generator

DRAFT

RAWSON CUSTOM CABINETS (Continued) **S112346518**

Violations:

Site ID:	146731
Site Name:	RAWSON CUSTOM CABINETS
Violation Date:	02-27-2018
Citation:	22 CCR 23 66273.31(a) - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.31(a)
Violation Description:	Failure of the universal waste handler to transfer universal waste to the appropriate destination facility.
Violation Notes:	Returned to compliance on 03/12/2018. Observed a large metal microwave disposed of in the municipal waste dumpster. Electronics that are programmable have circuit boards inside which classify the electronic as an electronic device (ED), a form of a universal waste.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	146731
Site Name:	RAWSON CUSTOM CABINETS
Violation Date:	02-27-2018
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes:	Returned to compliance on 03/12/2018. Facility has failed to provide written notification to property owner.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	146731
Site Name:	RAWSON CUSTOM CABINETS
Violation Date:	02-27-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 03/12/2018. The following reportable hazardous materials were observed on-site but not reported on the hazardous materials inventory: Propane (3x15 gal size for forklift) Note: Observed 6x30 gal size propane tanks that are used solely for heating the workplace and are exempt from state reporting requirements. Due to the volume on-site, it is recommended that you include these propane cylinders in the reporting along with the mandatory reported forklift propanes.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	146731
Site Name:	RAWSON CUSTOM CABINETS
Violation Date:	02-27-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a

DRAFT

RAWSON CUSTOM CABINETS (Continued) **S112346518**

hazardous material or failure to document and maintain training records for a minimum of three years.

Violation Notes: Returned to compliance on 03/12/2018. Employees have not been annually trained regarding how to act in the event of a release or threatened release of a hazardous material. Train employees annually and ensure it is documented.

Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-27-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility most recently electronically submitted a Hazardous Materials Business Plan (HMBP) on 7-17-17. Reportable hazardous materials observed on-site at time of inspection include but are not limited to: Paint related material liquids (waste) Propane Paint and stains (new)
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-27-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility performs cabinetry work. EPA ID # CAR000081265. Waste streams generated on-site include but not not limited to: Empty paint cans and aerosols - Managed as scrap metal or municipal trash. Paint booth filters - Managed in municipal trash stream. Paint related material liquid (lacquer/thinner/paint) - Managed as hazardous waste. Paint related material solid (wipes and rags contaminated with lacquer/thinner/paint. Managed as hazardous Waste. Reviewed uniform hazardous waste manifests from past 3 years. Fire extinguishers appear to be maintained to assure proper operation. Absorbent readily available in case of spill. Weekly inspections reported to be performed. MINOR VIOLATIONS CORRECTED AT TIME OF INSPECTION: 2X55 gal paint related material solids - no accumulation start date. 2x55 gal paint related material liquids - no accumulation start date.
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: Fred Agustinez
Entity Title: Not reported
Affiliation Address: 16890 CHURCH ST BLDG 1
Affiliation City: MORGAN HILL
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95037
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer

DRAFT

RAWSON CUSTOM CABINETS (Continued) **S112346518**

Entity Name:	Tatiana Gallardo
Entity Title:	Office Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	RAWSON, DENNIS
Entity Title:	Not reported
Affiliation Address:	16890 CHURCH ST BLDG #1A
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95037
Affiliation Phone:	(408) 779-0239

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Document Preparer
Entity Name:	Tatiana Gallardo
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	16890 CHURCH ST #1A
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	RAWSON, DENNIS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

DRAFT

RAWSON CUSTOM CABINETS (Continued) **S112346518**

Affiliation Phone: (408) 779-0239

Affiliation Type Desc: Parent Corporation
Entity Name: RAWSON CUSTOM CABINETS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: ROBERT S. POLLOCK
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: United States
Affiliation Zip: Not reported
Affiliation Phone: (408) 867-1080

CUPA SANTA CLARA:
Name: RAWSON CUSTOM CABINETS
Address: 16890 CHURCH ST 1A
City,State,Zip: MORGAN HILL, CA 95037
Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Latitude: 37.124521
Longitude: -121.647414
Record ID: PR0313030
Facility ID: FA0253791

Name: RAWSON CUSTOM CABINETS
Address: 16890 CHURCH ST 1A
City,State,Zip: MORGAN HILL, CA 95037
Region: SANTA CLARA
PE#: Not reported
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Latitude: 37.124521
Longitude: -121.647414
Record ID: PR0375146
Facility ID: FA0253791

CERS:
Name: RAWSON CUSTOM CABINETS
Address: 16890 CHURCH ST 1A
City,State,Zip: MORGAN HILL, CA 95037
Site ID: 146731
CERS ID: 10347226
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 146731
Site Name: RAWSON CUSTOM CABINETS

DRAFT

RAWSON CUSTOM CABINETS (Continued) **S112346518**

Violation Date: 02-27-2018
Citation: 22 CCR 23 66273.31(a) - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.31(a)
Violation Description: Failure of the universal waste handler to transfer universal waste to the appropriate destination facility.
Violation Notes: Returned to compliance on 03/12/2018. Observed a large metal microwave disposed of in the municipal waste dumpster. Electronics that are programmable have circuit boards inside which classify the electronic as an electronic device (ED), a form of a universal waste.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 146731
Site Name: RAWSON CUSTOM CABINETS
Violation Date: 02-27-2018
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes: Returned to compliance on 03/12/2018. Facility has failed to provide written notification to property owner.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 146731
Site Name: RAWSON CUSTOM CABINETS
Violation Date: 02-27-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 03/12/2018. The following reportable hazardous materials were observed on-site but not reported on the hazardous materials inventory: Propane (3x15 gal size for forklift) Note: Observed 6x30 gal size propane tanks that are used solely for heating the workplace and are exempt from state reporting requirements. Due to the volume on-site, it is recommended that you include these propane cylinders in the reporting along with the mandatory reported forklift propanes.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 146731
Site Name: RAWSON CUSTOM CABINETS
Violation Date: 02-27-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 03/12/2018. Employees have not been annually

DRAFT

RAWSON CUSTOM CABINETS (Continued) **S112346518**

trained regarding how to act in the event of a release or threatened release of a hazardous material. Train employees annually and ensure it is documented.

Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-27-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility most recently electronically submitted a Hazardous Materials Business Plan (HMBP) on 7-17-17. Reportable hazardous materials observed on-site at time of inspection include but are not limited to: Paint related material liquids (waste) Propane Paint and stains (new)
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-27-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility performs cabinetry work. EPA ID # CAR000081265. Waste streams generated on-site include but not not limited to: Empty paint cans and aerosols - Managed as scrap metal or municipal trash. Paint booth filters - Managed in municipal trash stream. Paint related material liquid (lacquer/thinner/paint) - Managed as hazardous waste. Paint related material solid (wipes and rags contaminated with lacquer/thinner/paint. Managed as hazardous Waste. Reviewed uniform hazardous waste manifests from past 3 years. Fire extinguishers appear to be maintained to assure proper operation. Absorbent readily available in case of spill. Weekly inspections reported to be performed. MINOR VIOLATIONS CORRECTED AT TIME OF INSPECTION: 2X55 gal paint related material solids - no accumulation start date. 2x55 gal paint related material liquids - no accumulation start date.
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: Fred Agustinez
Entity Title: Not reported
Affiliation Address: 16890 CHURCH ST BLDG 1
Affiliation City: MORGAN HILL
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95037
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Tatiana Gallardo
Entity Title: Office Manager
Affiliation Address: Not reported

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RAWSON CUSTOM CABINETS (Continued) **S112346518**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	RAWSON, DENNIS
Entity Title:	Not reported
Affiliation Address:	16890 CHURCH ST BLDG #1A
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95037
Affiliation Phone:	(408) 779-0239

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Document Preparer
Entity Name:	Tatiana Gallardo
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	16890 CHURCH ST #1A
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	RAWSON, DENNIS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 779-0239

Affiliation Type Desc:	Parent Corporation

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RAWSON CUSTOM CABINETS (Continued) **S112346518**

Entity Name:	RAWSON CUSTOM CABINETS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	ROBERT S. POLLOCK
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 867-1080

J64 **CONCRETE DESIGN** **CUPA Listings** **S117892346**
North **16890 CHURCH ST 10** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037**
0.177 mi.
937 ft. **Site 13 of 17 in cluster J**

Relative:
Higher
Actual:
342 ft.

CUPA SANTA CLARA:

Name:	CONCRETE DESIGN
Address:	16890 CHURCH ST 10
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2502
Program Description:	HAZMAT STORAGE FACILITY-MINIMAL STORAGE SITE
Latitude:	37.124521
Longitude:	-121.647414
Record ID:	PR0381300
Facility ID:	FA0260177

J65 **HCSI MANUFACTURING** **CUPA Listings** **S114555283**
North **16890 CHURCH ST 7** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037**
0.177 mi.
937 ft. **Site 14 of 17 in cluster J**

Relative:
Higher
Actual:
342 ft.

CUPA SANTA CLARA:

Name:	HCSI MANUFACTURING
Address:	16890 CHURCH ST 7
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Latitude:	37.124239
Longitude:	-121.64634
Record ID:	PR0414141
Facility ID:	FA0273870

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J66 North 1/8-1/4 0.177 mi. 937 ft. | **JBM CUSTOM CABINETS, INC.**
16890 CHURCH ST BLDG 6 SPACE B
MORGAN HILL, CA 95037

RCRA NonGen / NLR | **1024812734**
CAL000301117

Site 15 of 17 in cluster J

Relative: Higher

Actual: 342 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/06/2005
Facility name:	JBM CUSTOM CABINETS, INC.
Facility address:	16890 CHURCH ST BLDG 6 SPACE B MORGAN HILL, CA 95037
EPA ID:	CAL000301117
Contact:	LEANARDO FLORES
Contact address:	16890 CHURCH ST BLDG 6 SPACE B MORGAN HILL, CA 95037-0000
Contact country:	Not reported
Contact telephone:	408-710-7070
Contact email:	JBMCABINETS@YAHOO.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	LEANARDO FLORES
Owner/operator address:	16890 CHURCH ST BLDG 6 SPACE B MORGAN HILL, CA 95037
Owner/operator country:	Not reported
Owner/operator telephone:	408-710-7070
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	JBM CUSTOM CABINETS, INC.
Owner/operator address:	16890 CHURCH ST BLDG 6 SPACE B MORGAN HILL, CA 95037
Owner/operator country:	Not reported
Owner/operator telephone:	408-779-2191
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

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JBM CUSTOM CABINETS, INC. (Continued) **1024812734**

Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

J67 **MORGAN HILL SOLID OAK** **CUPA Listings** **S121472408**
North **16890 CHURCH ST 15** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037**
0.177 mi.
937 ft. **Site 16 of 17 in cluster J**

Relative:
Higher

Actual:
342 ft.

CUPA SANTA CLARA:

Name:	MORGAN HILL SOLID OAK
Address:	16890 CHURCH ST 15
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.124521
Longitude:	-121.647414
Record ID:	PR0369536
Facility ID:	FA0253733

J68 **HCSI DESIGN** **CUPA Listings** **S121474900**
North **16890 CHURCH ST BLDG 7A** **N/A**
1/8-1/4 **MORGAN HILL, CA 95038**
0.177 mi.
937 ft. **Site 17 of 17 in cluster J**

Relative:
Higher

Actual:
342 ft.

CUPA SANTA CLARA:

Name:	HCSI DESIGN
Address:	16890 CHURCH ST BLDG 7A
City,State,Zip:	MORGAN HILL, CA 95038
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Latitude:	37.124239
Longitude:	-121.64634
Record ID:	PR0421472
Facility ID:	FA0279338

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H69 NW 1/8-1/4 0.187 mi. 989 ft. | **PRECISION TUNE AUTO CARE**
16860 MONTEREY RD
MORGAN HILL, CA 95037

Site 4 of 6 in cluster H

CERS HAZ WASTE
CUPA Listings
HAZNET
CERS

S113072489
N/A

Relative: Higher

Actual: 340 ft.

CERS HAZ WASTE:

Site ID:	144760
CERS ID:	10424419
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	144760
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	08-24-2015
Citation:	22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description:	Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes:	Returned to compliance on 04/29/2016. Observed several oil filter in the "Drained Used Oil Filters" drum that when inverted, used oil continuously flowed from the filters.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	144760
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	08-24-2015
Citation:	22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description:	Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes:	Returned to compliance on 04/29/2016. Observed 2x55 gallon ope-top drums that were open and could not be closed due to no lids or retaining rings.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	144760
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	08-24-2015
Citation:	22 CCR 15 66265.192(h) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(h)
Violation Description:	Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer stating the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed and that the tank system has sufficient structural strength, compatibility with the waste(s) to be transferred, stored or treated, and corrosion protection so that it will not collapse, rupture, or fail. This assessment shall be obtained prior to placing the tank system in service, and shall be kept on file at the facility. The tank assessment shall be good for five years. This assessment shall also include, at a minimum, the following information: (1) Design standard(s) according to which the tank(s) and ancillary equipment are

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

or will be constructed; (2) Hazardous characteristics of the waste(s) to be handled; (3) For new tank systems or components in which the external shell of a metal tank or any external metal component of the tank system is or will be in contact with the soil or with water, a determination by a corrosion expert of: (A) Factors affecting the potential for corrosion, including but not limited to: 1. Soil moisture content; 2. Soil pH; 3. Soil sulfides level; 4. Soil resistivity; 5. Structure to soil potential; 6. Influence of nearby underground metal structures (e.g., piping); 7. Stray electric current; and 8. Existing corrosion-protection measures (e.g., coating, cathodic protection), and (B) The type and degree of external corrosion protection that are needed to ensure the integrity of the tank system during the use of the tank system or component, consisting of one or more of the following: 1. Corrosion-resistant materials of construction such as special alloys or fiberglass-reinforced plastic; 2. Corrosion-resistant coating (such as epoxy or fi

Violation Notes: The used oil tank and used antifreeze tank must have a tank assessment completed.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 03-21-2016
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 04/29/2016. Observed an eyewash station that was last inspected on 4/25/2012; the tamper inspection tape was broken.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 03-21-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 04/29/2016. The following violations as noted on the inspection report dated 8/24/2015 have not been corrected: Violation Code (VC) G051, G110, G320, G340 and G343.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 03-21-2016
Citation: HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description: Failure to meet any of the following consolidated manifest requirements: 1) Legible receipts for each quantity of hazardous waste that is received from a generator, 2) The generator's information (name, address, identification number, contact person, telephone

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

number of the generator, the signature of the generator or the generator's representative), 3) Date of the shipment, 4) The manifest number, 5) The volume or quantity of each waste stream received, 6) The name, address, and identification number of the authorized facility to which the hazardous waste will be transported, 7) The transporter's information (name, address, and identification number, the driver's signature), 8) A statement, signed by the generator, certifying that the generator has established a program to reduce the volume or quantity and toxicity of the hazardous waste to the degree economically practicable. 9) The generator shall retain each receipt for at least three years.

Violation Notes: Returned to compliance on 04/29/2016. Observed a consolidated manifest #123986, dated 1/8/2016 for shipping used oil filters listed incorrect EPA ID number of CAL000368826 and was incomplete for only listing a portion "Precision" of the facility's full name.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 03-21-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 04/29/2016. The site's EPA ID number CAL000385285 is assigned to entity NCPT Enterprises, Inc. The corporation is listed as FTB suspended on the Secretary of State's website (http:kepler.sos.ca.gov); ref: entity number C3495202. Do not ship any hazardous waste until an EPA ID number is issued to this specific company.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 03-21-2016
Citation: HSC 6.5 25189.5(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a)
Violation Description: Failure to properly dispose of hazardous waste at an authorized location.
Violation Notes: Returned to compliance on 04/29/2016. Observed metal turning from brake lathe in the shop's trash can. Photos of this violation were obtained.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 08-24-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

Violation Notes: Returned to compliance on 04/26/2016.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 08-24-2015
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes: Returned to compliance on 04/29/2016.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 08-24-2015
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 04/26/2016. There is no record of this facility submitting a HMBP on CERS (ID: 10424419).
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 08-24-2015
Citation: 22 CCR 15 66265.195(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(a)
Violation Description: Failure of the owner or operator to conduct inspections and maintain inspection records at the facility of the following tank equipment: 1) Overfill/spill control equipment (e.g., waste-feed cutoff systems,

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

bypass systems, and drainage systems) to ensure that it is in good working order; 2) The aboveground portions of the tank system, if any, to detect corrosion or releases of waste; 3) Data gathered from monitoring equipment and leak-detection equipment, (e.g., pressure and temperature gauges, monitoring wells) to ensure that the tank system is being operated according to its design; 4) The construction materials and the area immediately surrounding the externally accessible portion of the tank system including secondary containment structures (e.g., dikes) to detect erosion or signs of releases of hazardous waste (e.g., wet spots, dead vegetation); and 5) For uncovered tanks, the level of waste in the tank, to ensure compliance with section 66265.194(b)(3).

Violation Notes: Returned to compliance on 04/29/2016. The rupture basin for the used oil tank was full of used oil and the level was measured at 50 inches. Observed various automotive equipment and leafs around and behind the used oil tank preventing a thorough inspection. The facility does not have a mechanism or sensor to inspect the rupture basin of the used oil tank.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 03-21-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 04/29/2016. Observed 6x5-gallon buckets (5 in the waste storage area, 1 in the shop area) of absorbent saturated with used oil not marked as hazardous waste.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 03-21-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 04/26/2016. Facility failed to electronically submit a corrected HMBP within 30 days from the date HMCD notified the facility that their HMBP is deficient in satisfying HMBP requirements. A Hazardous Materials Business Plan (HMBP) inspection was conducted and Official Notice of Inspection (NOI) Report was delivered on 8/24/2015. The NOI Report instructed the facility that an HMBP must be submitted via the California Environmental Reporting System (CERS) within 30 days. As of 3/21/2016, the facility has not submitted an HMBP on CERS. Submit a complete, hazardous materials business plan (HMBP) via the California Environmental Reporting System (CERS) within 30 days with CERS ID: 10424419. CERS website: http://cers.calepa.ca.gov ?If, after review, the unified program agency determines that the handler?s business plan

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

is deficient in satisfying the requirements of this article or the regulations adopted pursuant to Section 25503, the unified program agency shall notify the [Truncated]

Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 08-24-2015
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes: Returned to compliance on 04/26/2016.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 08-24-2015
Citation: HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description: Failure to meet any of the following consolidated manifest requirements: 1) Legible receipts for each quantity of hazardous waste that is received from a generator, 2) The generator's information (name, address, identification number, contact person, telephone number of the generator, the signature of the generator or the generator's representative), 3) Date of the shipment, 4) The manifest number, 5) The volume or quantity of each waste stream received, 6) The name, address, and identification number of the authorized facility to which the hazardous waste will be transported, 7) The transporter's information (name, address, and identification number, the driver's signature), 8) A statement, signed by the generator, certifying that the generator has established a program to reduce the volume or quantity and toxicity of the hazardous waste to the degree economically practicable. 9) The generator shall retain each receipt for at least three years.
Violation Notes: Returned to compliance on 04/29/2016. Consolidated manifests list the incorrect EPA ID number. The correct EPA ID number for this site is CAL000385285.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 08-24-2015
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

Violation Notes: Returned to compliance on 04/29/2016. Observed saturated floor seep around the footing of the used oil tank. Observed an oil spill measuring 8x8 inches near lift #5. Site technicians are using the rupture basin of the used oil tank as a storage tank. The rupture basin liquid level is at approximately 50 inches (full). The site must hire a qualified hazardous waste company to clean the rupture basin of the used oil tank. Provide this office with copies of the service order receipt and copies of disposal receipts from the cleaning of the rupture basin. **This violation has been elevated to a Class II violation due to the method that the used oil rupture basin is being used.**
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-24-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Conducted a hazardous waste inspection of this site. Verified that the site's EPS ID number: CAL000385285 is active. This facility generated more than 265 gallons (2200 lbs) per month of used oil per month and must meet the requirements of a Large Quantity Generator. On average this facility generates 360 gallons of used oil per month. Reviewed disposal records for used oil, used antifreeze, drained oil filter and automotive lead-acid batteries. The facility has a uniform/rag service. Provided additional hazardous waste labels and drained used oil filters.
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-21-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Conducted a follow-up inspection from the inspection that took place 8/24/2015. All of the violations noted on the 8/24/2015 inspection are still outstanding. A copy of the 8/24/2015 inspection report was provided during today's inspection.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-24-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Conducted an HMBP inspection of this site. The CERS ID for this address is: 10424419. Hazardous Materials observed and required to be accounted for on the HMBP: 240 gallon aboveground storage tank containing 10/30w motor oil 55 gallon drum containing 5/20w motor oil 55 gallon drum containing Automatic Transmission Fluid 55 gallon drum containing 50/50 premixed antifreeze 2x55 gallon drums containing drained used oil filters 500 gallon aboveground tank containing Used Oil

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-21-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Conducted a hazardous waste reinspection from the inspection that took place on 8/24/2015. Present during today's inspection was Don Herick, Service Manager. During today's inspection a review of current disposal receipts was completed. Only 2 consolidated receipts were available Mr. Henrick stated that the receipts since the last inspection until march 2016 were offsite due to an audit. Observed 2-mop buckets that when field tested had a pH of 12.5 to 13. The pH of the mop water in its current state would be considered hazardous waste, if spent. The site uses OIL EATER CLEANER/DEGREASER ORIGINAL FORMULA, MFG by KAFKO INTERNATIONAL in the mop buckets. Mr. Henrick stated that shop technicians have not been trained on the use or hazardous waste implications of mis-use. Violations corrected during today's inspection: 22G023 CONTAINER OPEN Observed 5x5-gallon buckets (4 in the waste storage area, 1 in the shop area) of absorbent saturated with used oil without [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Site Address: 16860 MONTEREY RD
Site City: MORGAN HILL
Site Zip: 95037
Enf Action Date: 08-24-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Site Address: 16860 MONTEREY RD
Site City: MORGAN HILL
Site Zip: 95037
Enf Action Date: 08-24-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS

Coordinates:
Site ID: 144760

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

Facility Name:	PRECISION TUNE AUTO CARE
Env Int Type Code:	HWG
Program ID:	10424419
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	37.123710
Longitude:	-121.648480

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Legal Owner
Entity Name:	Precision Tune Auto Care
Entity Title:	Not reported
Affiliation Address:	16860 Monterey Rd
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95037
Affiliation Phone:	(408) 779-7200

Affiliation Type Desc:	Operator
Entity Name:	Precision Tune Auto Care
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 779-7200

Affiliation Type Desc:	Environmental Contact
Entity Name:	Dan Herick
Entity Title:	Not reported
Affiliation Address:	16860 Monterey Rd
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	Precision Tune Auto Care
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Bob Hedayati
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: United States
Affiliation Zip: Not reported
Affiliation Phone: (408) 661-4235

Affiliation Type Desc: Document Preparer
Entity Name: Dan Herick
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 16860 MONTEREY RD
Affiliation City: MORGAN HILL
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95037
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Dan Herick
Entity Title: General Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

CUPA SANTA CLARA:
Name: PRECISION TUNE AUTO CARE
Address: 16860 MONTEREY RD
City,State,Zip: MORGAN HILL, CA 95037
Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Latitude: 37.1235086
Longitude: -121.6489338
Record ID: PR0391029
Facility ID: FA0265080

Name: PRECISION TUNE AUTO CARE
Address: 16860 MONTEREY RD

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.123486
Longitude:	-121.648939
Record ID:	PR0412523
Facility ID:	FA0272760

Name:	PRECISION TUNE AUTO CARE
Address:	16860 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Latitude:	37.123486
Longitude:	-121.648939
Record ID:	PR0412522
Facility ID:	FA0272760

HAZNET:

Name:	EXPOTECH ENTERPRISES DBA PRECISION TUNE
Address:	16860 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2004
GEPAID:	CAL000127939
Contact:	NEIL ORTIZ/OWNER
Telephone:	4087238897
Mailing Name:	Not reported
Mailing Address:	16860 MONTEREY ST
Mailing City,St,Zip:	MORGAN HILL, CA 950375119
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Tons:	0.6048
CA Waste Code:	134-Aqueous solution with total organic residues less than 10 percent
Method:	H01-Transfer Station
Facility County:	Santa Clara

Name:	EXPOTECH ENTERPRISES DBA PRECISION TUNE
Address:	16860 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2004
GEPAID:	CAL000127939
Contact:	NEIL ORTIZ/OWNER
Telephone:	4087238897
Mailing Name:	Not reported
Mailing Address:	16860 MONTEREY ST
Mailing City,St,Zip:	MORGAN HILL, CA 950375119
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Tons:	0.6048
CA Waste Code:	134-Aqueous solution with total organic residues less than 10 percent
Method:	H01-Transfer Station
Facility County:	Santa Clara

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

Name:	EXPOTECH ENTERPRISES DBA PRECISION TUNE
Address:	16860 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2003
GEPAID:	CAL000127939
Contact:	NEIL ORTIZ/OWNER
Telephone:	4087238897
Mailing Name:	Not reported
Mailing Address:	16860 MONTEREY ST
Mailing City,St,Zip:	MORGAN HILL, CA 950375119
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Tons:	0.9702
CA Waste Code:	134-Aqueous solution with total organic residues less than 10 percent
Method:	H01-Transfer Station
Facility County:	Santa Clara

Name:	EXPOTECH ENTERPRISES DBA PRECISION TUNE
Address:	16860 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2003
GEPAID:	CAL000127939
Contact:	NEIL ORTIZ/OWNER
Telephone:	4087238897
Mailing Name:	Not reported
Mailing Address:	16860 MONTEREY ST
Mailing City,St,Zip:	MORGAN HILL, CA 950375119
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Tons:	0.01668
CA Waste Code:	-
Method:	H01-Transfer Station
Facility County:	Santa Clara

Name:	EXPOTECH ENTERPRISES DBA PRECISION TUNE
Address:	16860 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2003
GEPAID:	CAL000127939
Contact:	NEIL ORTIZ/OWNER
Telephone:	4087238897
Mailing Name:	Not reported
Mailing Address:	16860 MONTEREY ST
Mailing City,St,Zip:	MORGAN HILL, CA 950375119
Gen County:	Santa Clara
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Tons:	0.9702
CA Waste Code:	134-Aqueous solution with total organic residues less than 10 percent
Method:	H01-Transfer Station
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
3 additional CA_HAZNET: record(s) in the EDR Site Report.

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

CERS:

Name:	PRECISION TUNE AUTO CARE
Address:	16860 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	144760
CERS ID:	10424419
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	144760
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	08-24-2015
Citation:	22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description:	Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes:	Returned to compliance on 04/29/2016. Observed several oil filter in the "Drained Used Oil Filters" drum that when inverted, used oil continuously flowed from the filters.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	144760
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	08-24-2015
Citation:	22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description:	Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes:	Returned to compliance on 04/29/2016. Observed 2x55 gallon ope-top drums that were open and could not be closed due to no lids or retaining rings.
Violation Division:	Santa Clara County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	144760
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	08-24-2015
Citation:	22 CCR 15 66265.192(h) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(h)
Violation Description:	Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer stating the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed and that the tank system has sufficient structural strength, compatibility with the waste(s) to be transferred, stored or treated, and corrosion protection so that it will not collapse, rupture, or fail. This assessment shall be obtained prior to placing the tank system in service, and shall be kept on file at the facility. The tank assessment shall be good for five years. This assessment shall also include, at a minimum, the following information: (1) Design standard(s) according to which the tank(s) and ancillary equipment are

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

or will be constructed; (2) Hazardous characteristics of the waste(s) to be handled; (3) For new tank systems or components in which the external shell of a metal tank or any external metal component of the tank system is or will be in contact with the soil or with water, a determination by a corrosion expert of: (A) Factors affecting the potential for corrosion, including but not limited to: 1. Soil moisture content; 2. Soil pH; 3. Soil sulfides level; 4. Soil resistivity; 5. Structure to soil potential; 6. Influence of nearby underground metal structures (e.g., piping); 7. Stray electric current; and 8. Existing corrosion-protection measures (e.g., coating, cathodic protection), and (B) The type and degree of external corrosion protection that are needed to ensure the integrity of the tank system during the use of the tank system or component, consisting of one or more of the following: 1. Corrosion-resistant materials of construction such as special alloys or fiberglass-reinforced plastic; 2. Corrosion-resistant coating (such as epoxy or fi

Violation Notes: The used oil tank and used antifreeze tank must have a tank assessment completed.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 03-21-2016
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 04/29/2016. Observed an eyewash station that was last inspected on 4/25/2012; the tamper inspection tape was broken.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 03-21-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 04/29/2016. The following violations as noted on the inspection report dated 8/24/2015 have not been corrected: Violation Code (VC) G051, G110, G320, G340 and G343.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 03-21-2016
Citation: HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description: Failure to meet any of the following consolidated manifest requirements: 1) Legible receipts for each quantity of hazardous waste that is received from a generator, 2) The generator's information (name, address, identification number, contact person, telephone

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

number of the generator, the signature of the generator or the generator's representative), 3) Date of the shipment, 4) The manifest number, 5) The volume or quantity of each waste stream received, 6) The name, address, and identification number of the authorized facility to which the hazardous waste will be transported, 7) The transporter's information (name, address, and identification number, the driver's signature), 8) A statement, signed by the generator, certifying that the generator has established a program to reduce the volume or quantity and toxicity of the hazardous waste to the degree economically practicable. 9) The generator shall retain each receipt for at least three years.

Violation Notes: Returned to compliance on 04/29/2016. Observed a consolidated manifest #123986, dated 1/8/2016 for shipping used oil filters listed incorrect EPA ID number of CAL000368826 and was incomplete for only listing a portion "Precision" of the facility's full name.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 03-21-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 04/29/2016. The site's EPA ID number CAL000385285 is assigned to entity NCPT Enterprises, Inc. The corporation is listed as FTB suspended on the Secretary of State's website (http:kepler.sos.ca.gov); ref: entity number C3495202. Do not ship any hazardous waste until an EPA ID number is issued to this specific company.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 03-21-2016
Citation: HSC 6.5 25189.5(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a)
Violation Description: Failure to properly dispose of hazardous waste at an authorized location.
Violation Notes: Returned to compliance on 04/29/2016. Observed metal turning from brake lathe in the shop's trash can. Photos of this violation were obtained.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 08-24-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

Violation Notes: Returned to compliance on 04/26/2016.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 08-24-2015
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes: Returned to compliance on 04/29/2016.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 08-24-2015
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 04/26/2016. There is no record of this facility submitting a HMBP on CERS (ID: 10424419).
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 08-24-2015
Citation: 22 CCR 15 66265.195(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(a)
Violation Description: Failure of the owner or operator to conduct inspections and maintain inspection records at the facility of the following tank equipment: 1) Overfill/spill control equipment (e.g., waste-feed cutoff systems,

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

bypass systems, and drainage systems) to ensure that it is in good working order; 2) The aboveground portions of the tank system, if any, to detect corrosion or releases of waste; 3) Data gathered from monitoring equipment and leak-detection equipment, (e.g., pressure and temperature gauges, monitoring wells) to ensure that the tank system is being operated according to its design; 4) The construction materials and the area immediately surrounding the externally accessible portion of the tank system including secondary containment structures (e.g., dikes) to detect erosion or signs of releases of hazardous waste (e.g., wet spots, dead vegetation); and 5) For uncovered tanks, the level of waste in the tank, to ensure compliance with section 66265.194(b)(3).

Violation Notes: Returned to compliance on 04/29/2016. The rupture basin for the used oil tank was full of used oil and the level was measured at 50 inches. Observed various automotive equipment and leafs around and behind the used oil tank preventing a thorough inspection. The facility does not have a mechanism or sensor to inspect the rupture basin of the used oil tank.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 03-21-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 04/29/2016. Observed 6x5-gallon buckets (5 in the waste storage area, 1 in the shop area) of absorbent saturated with used oil not marked as hazardous waste.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 03-21-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 04/26/2016. Facility failed to electronically submit a corrected HMBP within 30 days from the date HMCD notified the facility that their HMBP is deficient in satisfying HMBP requirements. A Hazardous Materials Business Plan (HMBP) inspection was conducted and Official Notice of Inspection (NOI) Report was delivered on 8/24/2015. The NOI Report instructed the facility that an HMBP must be submitted via the California Environmental Reporting System (CERS) within 30 days. As of 3/21/2016, the facility has not submitted an HMBP on CERS. Submit a complete, hazardous materials business plan (HMBP) via the California Environmental Reporting System (CERS) within 30 days with CERS ID: 10424419. CERS website: http://cers.calepa.ca.gov ?If, after review, the unified program agency determines that the handler?s business plan

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

is deficient in satisfying the requirements of this article or the regulations adopted pursuant to Section 25503, the unified program agency shall notify the [Truncated]

Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 08-24-2015
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes: Returned to compliance on 04/26/2016.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 08-24-2015
Citation: HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description: Failure to meet any of the following consolidated manifest requirements: 1) Legible receipts for each quantity of hazardous waste that is received from a generator, 2) The generator's information (name, address, identification number, contact person, telephone number of the generator, the signature of the generator or the generator's representative), 3) Date of the shipment, 4) The manifest number, 5) The volume or quantity of each waste stream received, 6) The name, address, and identification number of the authorized facility to which the hazardous waste will be transported, 7) The transporter's information (name, address, and identification number, the driver's signature), 8) A statement, signed by the generator, certifying that the generator has established a program to reduce the volume or quantity and toxicity of the hazardous waste to the degree economically practicable. 9) The generator shall retain each receipt for at least three years.
Violation Notes: Returned to compliance on 04/29/2016. Consolidated manifests list the incorrect EPA ID number. The correct EPA ID number for this site is CAL000385285.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 08-24-2015
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

Violation Notes: Returned to compliance on 04/29/2016. Observed saturated floor seep around the footing of the used oil tank. Observed an oil spill measuring 8x8 inches near lift #5. Site technicians are using the rupture basin of the used oil tank as a storage tank. The rupture basin liquid level is at approximately 50 inches (full). The site must hire a qualified hazardous waste company to clean the rupture basin of the used oil tank. Provide this office with copies of the service order receipt and copies of disposal receipts from the cleaning of the rupture basin. **This violation has been elevated to a Class II violation due to the method that the used oil rupture basin is being used.**
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-24-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Conducted a hazardous waste inspection of this site. Verified that the site's EPS ID number: CAL000385285 is active. This facility generated more than 265 gallons (2200 lbs) per month of used oil per month and must meet the requirements of a Large Quantity Generator. On average this facility generates 360 gallons of used oil per month. Reviewed disposal records for used oil, used antifreeze, drained oil filter and automotive lead-acid batteries. The facility has a uniform/rag service. Provided additional hazardous waste labels and drained used oil filters.
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-21-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Conducted a follow-up inspection from the inspection that took place 8/24/2015. All of the violations noted on the 8/24/2015 inspection are still outstanding. A copy of the 8/24/2015 inspection report was provided during today's inspection.
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-24-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Conducted an HMBP inspection of this site. The CERS ID for this address is: 10424419. Hazardous Materials observed and required to be accounted for on the HMBP: 240 gallon aboveground storage tank containing 10/30w motor oil 55 gallon drum containing 5/20w motor oil 55 gallon drum containing Automatic Transmission Fluid 55 gallon drum containing 50/50 premixed antifreeze 2x55 gallon drums containing drained used oil filters 500 gallon aboveground tank containing Used Oil

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PRECISION TUNE AUTO CARE (Continued) **S113072489**

Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-21-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Conducted a hazardous waste reinspection from the inspection that took place on 8/24/2015. Present during today's inspection was Don Herick, Service Manager. During today's inspection a review of current disposal receipts was completed. Only 2 consolidated receipts were available Mr. Henrick stated that the receipts since the last inspection until march 2016 were offsite due to an audit. Observed 2-mop buckets that when field tested had a pH of 12.5 to 13. The pH of the mop water in its current state would be considered hazardous waste, if spent. The site uses OIL EATER CLEANER/DEGREASER ORIGINAL FORMULA, MFG by KAFKO INTERNATIONAL in the mop buckets. Mr. Henrick stated that shop technicians have not been trained on the use or hazardous waste implications of mis-use. Violations corrected during today's inspection: 22G023 CONTAINER OPEN Observed 5x5-gallon buckets (4 in the waste storage area, 1 in the shop area) of absorbent saturated with used oil without [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Site Address: 16860 MONTEREY RD
Site City: MORGAN HILL
Site Zip: 95037
Enf Action Date: 08-24-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 144760
Site Name: PRECISION TUNE AUTO CARE
Site Address: 16860 MONTEREY RD
Site City: MORGAN HILL
Site Zip: 95037
Enf Action Date: 08-24-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS

Coordinates:
Site ID: 144760

DRAFT

PRECISION TUNE AUTO CARE (Continued) **S113072489**

Facility Name:	PRECISION TUNE AUTO CARE
Env Int Type Code:	HWG
Program ID:	10424419
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	37.123710
Longitude:	-121.648480

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Legal Owner
Entity Name:	Precision Tune Auto Care
Entity Title:	Not reported
Affiliation Address:	16860 Monterey Rd
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95037
Affiliation Phone:	(408) 779-7200

Affiliation Type Desc:	Operator
Entity Name:	Precision Tune Auto Care
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 779-7200

Affiliation Type Desc:	Environmental Contact
Entity Name:	Dan Herick
Entity Title:	Not reported
Affiliation Address:	16860 Monterey Rd
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	Precision Tune Auto Care
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

DRAFT

PRECISION TUNE AUTO CARE (Continued) **S113072489**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Bob Hedayati
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 661-4235
Affiliation Type Desc:	Document Preparer
Entity Name:	Dan Herick
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	16860 MONTEREY RD
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Dan Herick
Entity Title:	General Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

H70 **PRECISION TUNE AUTO CARE** **CUPA Listings** **S121471538**
NW **16860 MONTEREY RD C** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037**
0.187 mi.
989 ft. **Site 5 of 6 in cluster H**

Relative:
Higher

Actual:
340 ft.

CUPA SANTA CLARA:

Name:	PRECISION TUNE AUTO CARE
Address:	16860 MONTEREY RD C
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.123447
Longitude:	-121.648743

DRAFT

PRECISION TUNE AUTO CARE (Continued) **S121471538**

Record ID: PR0360325
Facility ID: FA0250096

H71
NW
1/8-1/4
0.187 mi.
989 ft.

KAMKORP DBA PRECISION TUNE AUTO CARE
16860 MONTEREY RD
MORGAN HILL, CA 95037

RCRA NonGen / NLR **1024862069**
CAL000430577

Site 6 of 6 in cluster H

Relative:
Higher

Actual:
340 ft.

RCRA NonGen / NLR:

Date form received by agency:	09/11/2017
Facility name:	KAMKORP DBA PRECISION TUNE AUTO CARE
Facility address:	16860 MONTEREY RD MORGAN HILL, CA 95037
EPA ID:	CAL000430577
Mailing address:	135 N WOLFE RD STE 10 SUNNYVALE, CA 94086
Contact:	DAN HERICK
Contact address:	1215 SOUTH FIRST ST SAN JOSE, CA 95110
Contact country:	Not reported
Contact telephone:	408-661-4235
Contact email:	DAN.HERICK@PACIFICPTAC.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MARYAM HASHEMI
Owner/operator address:	40611 GRIMMER BLVD UNIT A FREMONT, CA 94538
Owner/operator country:	Not reported
Owner/operator telephone:	408-661-4235
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	DAN HERICK
Owner/operator address:	1215 SOUTH FIRST ST SAN JOSE, CA 95110
Owner/operator country:	Not reported
Owner/operator telephone:	408-661-4235
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

DRAFT

KAMKORP DBA PRECISION TUNE AUTO CARE (Continued) **1024862069**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

I72
ESE
1/8-1/4
0.193 mi.
1017 ft.

A.L.CASTLE,INC. HEADQUARTERS **SWEEPS UST** **S101625222**
190 MAST ST **HIST UST** **N/A**
MORGAN HILL, CA 95037 **CA FID UST**

Site 6 of 9 in cluster I

Relative:
Higher

Actual:
340 ft.

SWEEPS UST:

Name:	A.L. CASTLE, INC. HEADQUARTERS
Address:	190 MAST ST
City:	MORGAN HILL
Status:	Not reported
Comp Number:	19186
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	49-000-019186-000001
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

Name:	A.L. CASTLE, INC. HEADQUATERS
Address:	190 MAST ST
City:	MORGAN HILL
Status:	Not reported
Comp Number:	19186
Number:	Not reported
Board Of Equalization:	44-025938
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-004-019186-000001
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL

DRAFT

A.L.CASTLE,INC. HEADQUARTERS (Continued) **S101625222**

STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

HIST UST:

Name:	AL CASTLE INC HEADQUARTERS
Address:	190 MAST STREET
City,State,Zip:	MORGAN HILL, CA 95037
File Number:	0002CD42
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002CD42.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	43002549
Regulated By:	UTNKI
Regulated ID:	00019186
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4087793141
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MORGAN HILL 95037
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

DRAFT

I73 **ESE** **1/8-1/4** **0.193 mi.** **1017 ft.**	**CASTLE VEGTECH INC** **190 MAST ST** **MORGAN HILL, CA 95037** **Site 7 of 9 in cluster I**	**RCRA-SQG** **FINDS** **ECHO**	**1000414489** **CAD028714640**

Relative:
Higher

Actual:
340 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	CASTLE VEGTECH INC
Facility address:	190 MAST ST MORGAN HILL, CA 95037
EPA ID:	CAD028714640
Mailing address:	PO BOX 1208 MORGAN HILL, CA 95037
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	A L CASTLE INC
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

DRAFT

CASTLE VEGTECH INC (Continued) **1000414489**

Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/18/1980
Site name: CASTLE VEGTECH INC
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002640857

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000414489
Registry ID: 110002640857
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002640857

I74 **CASTLE A.L. INC** **ENVIROSTOR** **S100195591**
ESE **190 MAST** **HIST CORTESE** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037**
0.193 mi.
1017 ft. **Site 8 of 9 in cluster I**

Relative:
Higher

Actual:
340 ft.

ENVIROSTOR:
Name: CASTLE A.L. INC
Address: 190 MAST
City,State,Zip: MORGAN HILL, CA 95037
Facility ID: 43510004
Status: Refer: RWQCB
Status Date: 06/13/1994
Site Code: Not reported
Site Type: Historical

DRAFT

CASTLE A.L. INC (Continued) **S100195591**

Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 30
Senate: 17
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.12027
Longitude: -121.6427
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 43510004
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HIST CORTESE:
edr_fname: CASTLE VEGTECH, INC.
edr_fadd1: 190 MAST
City,State,Zip: MORGAN HILL, CA
Region: CORTESE
Facility County Code: 43
Reg By: WBC&D
Reg Id: 3 432021001

DRAFT

I75 ESE 1/8-1/4 0.193 mi. 1017 ft. | **A.L.CASTLE,INC. HEADQUARTERS** | **HIST UST** | **U001601507** | **N/A**
190 MAST ST
MORGAN HILL, CA 95037

Site 9 of 9 in cluster I

Relative: Higher
Actual: 340 ft.

HIST UST:

Name:	A.L.CASTLE,INC. HEADQUARTERS
Address:	190 MAST ST
City,State,Zip:	MORGAN HILL, CA 95037
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000019186
Facility Type:	Other
Other Type:	AGRICULTURE
Contact Name:	RON BAULDRY
Telephone:	4087793141
Owner Name:	A.L.CASTLE,INC
Owner Address:	190 MAST STREET
Owner City,St,Zip:	MORGAN HILL, CA 95037
Total Tanks:	0001
Tank Num:	001
Container Num:	1948
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	.25
Leak Detection:	Stock Inventor

K76 SE 1/8-1/4 0.205 mi. 1080 ft. | **GENERAL TELEPHONE** | **HIST UST** | **U001601543** | **CHMIRS** | **N/A** | **HAZNET**
16280 CHURCH ST
MORGAN HILL, CA 95037

Site 1 of 4 in cluster K

Relative: Higher
Actual: 337 ft.

HIST UST:

Name:	GENERAL TELEPHONE
Address:	16280 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 95037
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000012920
Facility Type:	Other
Other Type:	PUBLIC UTILITY
Contact Name:	DAVID MCMAHON
Telephone:	4087785233
Owner Name:	GENERAL TELEPHONE CO. OF CA -
Owner Address:	4959 PALO VERDE DR.
Owner City,St,Zip:	MONTCLAIR, CA 91763
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1977
Tank Capacity:	00010000
Tank Used for:	PRODUCT

DRAFT

GENERAL TELEPHONE (Continued) **U001601543**

Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

CHMIRS:

Name:	Not reported
Address:	16280 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 95037
OES Incident Number:	17017
OES notification:	Not reported
OES Date:	12/17/1996
OES Time:	04:43:42 PM
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	contractor in progress
Containment:	Not reported
What Happened:	Not reported
Type:	PETROLEUM
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1996
Agency:	gte california inc.
Incident Date:	1145 17 Dec 96
Admin Agency:	Not reported
Amount:	aprox 100 gal
Contained:	NO
Site Type:	OTHER
E Date:	Not reported
Substance:	diesel fuel
Unknown:	Not reported

DRAFT

GENERAL TELEPHONE (Continued) **U001601543**

Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	ruptured fuel tank on big rig.

HAZNET:

Name:	FRONTIER CA INC MORGAN HILL PY
Address:	16280 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2017
GEPAID:	CAR000084269
Contact:	MASOOD CHOUDHURY
Telephone:	9096205962
Mailing Name:	Not reported
Mailing Address:	PO BOX 725
Mailing City,St,Zip:	CHINO, CA 917080000
Gen County:	Santa Clara
TSD EPA ID:	NED981723513
TSD County:	99
Tons:	0.13
CA Waste Code:	343-Unspecified organic liquid mixture
Method:	H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County:	Santa Clara

Name:	FRONTIER CA INC MORGAN HILL PY
Address:	16280 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2017
GEPAID:	CAR000084269
Contact:	MASOOD CHOUDHURY
Telephone:	9096205962
Mailing Name:	Not reported
Mailing Address:	PO BOX 725
Mailing City,St,Zip:	CHINO, CA 917080000
Gen County:	Santa Clara
TSD EPA ID:	NED981723513
TSD County:	99
Tons:	0.13
CA Waste Code:	343-Unspecified organic liquid mixture
Method:	H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County:	Santa Clara

Name:	FRONTIER CA INC MORGAN HILL PY
Address:	16280 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 950370000

DRAFT

GENERAL TELEPHONE (Continued) **U001601543**

Year:	2017
GEPAID:	CAR000084269
Contact:	MASOOD CHOUDHURY
Telephone:	9096205962
Mailing Name:	Not reported
Mailing Address:	PO BOX 725
Mailing City,St,Zip:	CHINO, CA 917080000
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Tons:	0.354
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Santa Clara

Name:	FRONTIER CA INC MORGAN HILL PY
Address:	16280 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2017
GEPAID:	CAR000084269
Contact:	MASOOD CHOUDHURY
Telephone:	9096205962
Mailing Name:	Not reported
Mailing Address:	PO BOX 725
Mailing City,St,Zip:	CHINO, CA 917080000
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Tons:	0.189
CA Waste Code:	-
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Santa Clara

Name:	FRONTIER CA INC MORGAN HILL PY
Address:	16280 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2017
GEPAID:	CAR000084269
Contact:	MASOOD CHOUDHURY
Telephone:	9096205962
Mailing Name:	Not reported
Mailing Address:	PO BOX 725
Mailing City,St,Zip:	CHINO, CA 917080000
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Tons:	0.189
CA Waste Code:	-
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Santa Clara

Click this hyperlink while viewing on your computer to access
17 additional CA_HAZNET: record(s) in the EDR Site Report.

DRAFT

K77 SE 1/8-1/4 0.205 mi. 1080 ft. | **FRONTIER CALIFORNIA INC.: MORGAN HILL PY**
16280 CHURCH ST
MORGAN HILL, CA 95037

Site 2 of 4 in cluster K

CERS HAZ WASTE
CUPA Listings
HAZNET
CERS

S118754872
N/A

Relative: Higher

Actual: 337 ft.

CERS HAZ WASTE:

Site ID:	405545
CERS ID:	10141567
CERS Description:	Hazardous Waste Generator

Coordinates:

Site ID:	405545
Facility Name:	Frontier California Inc.: Morgan Hill PY
Env Int Type Code:	HMBP
Program ID:	10141567
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	37.119220
Longitude:	-121.643040

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	Masood Choudhury
Entity Title:	Not reported
Affiliation Address:	280 S. Locust Street
Affiliation City:	Pomona
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91766
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Frontier California Inc.
Entity Title:	Not reported
Affiliation Address:	280 S. Locust Street
Affiliation City:	Pomona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91766
Affiliation Phone:	(909) 620-5962

Affiliation Type Desc:	Operator
Entity Name:	Frontier California Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(909) 620-5962

Affiliation Type Desc:	Parent Corporation
Entity Name:	Frontier California, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

DRAFT

FRONTIER CALIFORNIA INC.: MORGAN HILL PY (Continued) **S118754872**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Frontier California Inc.
Entity Title: Not reported
Affiliation Address: 280 S. Locust Street
Affiliation City: Pomona
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91766
Affiliation Phone: (909) 620-5962

Affiliation Type Desc: Document Preparer
Entity Name: Stantec Consulting Services Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 280 S. Locust Street
Affiliation City: Pomona
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91766
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Masood Choudhury
Entity Title: Environmental Manager, Global EHS
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400

CUPA SANTA CLARA:
Name: FRONTIER CALIFORNIA INC.: MORGAN HILL PY
Address: 16280 CHURCH ST

DRAFT

FRONTIER CALIFORNIA INC.: MORGAN HILL PY (Continued) **S118754872**

City,State,Zip: MORGAN HILL, CA 95037
Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Latitude: 37.117486
Longitude: -121.642755
Record ID: PR0312982
Facility ID: FA0203080

Name: FRONTIER CALIFORNIA INC.: MORGAN HILL PY
Address: 16280 CHURCH ST
City,State,Zip: MORGAN HILL, CA 95037
Region: SANTA CLARA
PE#: Not reported
Program Description: HMBP FACILITY, 4-6 CHEMICALS
Latitude: 37.117486
Longitude: -121.642755
Record ID: PR0375135
Facility ID: FA0203080

HAZNET:
Name: FRONTIER CALIFORNIA INC
Address: 16280 CHURCH ST
City,State,Zip: MORGAN HILL, CA 950370000
Year: 2015
GEPAID: CAR000084269
Contact: MASOOD CHOUDHURY
Telephone: 9096205962
Mailing Name: Not reported
Mailing Address: PO BOX 725
Mailing City,St,Zip: CHINO, CA 917080000
Gen County: Santa Clara
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Tons: 0.015
CA Waste Code: 352-Other organic solids
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Santa Clara

Name: FRONTIER CALIFORNIA INC
Address: 16280 CHURCH ST
City,State,Zip: MORGAN HILL, CA 950370000
Year: 2015
GEPAID: CAR000084269
Contact: MASOOD CHOUDHURY
Telephone: 9096205962
Mailing Name: Not reported
Mailing Address: PO BOX 725
Mailing City,St,Zip: CHINO, CA 917080000
Gen County: Santa Clara
TSD EPA ID: UTD981552177
TSD County: 99
Tons: 0.056
CA Waste Code: 551-Laboratory waste chemicals
Method: H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County: Santa Clara

DRAFT

FRONTIER CALIFORNIA INC.: MORGAN HILL PY (Continued) **S118754872**

Name:	FRONTIER CALIFORNIA INC
Address:	16280 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2015
GEPAID:	CAR000084269
Contact:	MASOOD CHOUDHURY
Telephone:	9096205962
Mailing Name:	Not reported
Mailing Address:	PO BOX 725
Mailing City,St,Zip:	CHINO, CA 917080000
Gen County:	Santa Clara
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Tons:	0.015
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Santa Clara

Name:	FRONTIER CALIFORNIA INC
Address:	16280 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 950370000
Year:	2015
GEPAID:	CAR000084269
Contact:	MASOOD CHOUDHURY
Telephone:	9096205962
Mailing Name:	Not reported
Mailing Address:	PO BOX 725
Mailing City,St,Zip:	CHINO, CA 917080000
Gen County:	Santa Clara
TSD EPA ID:	UTD981552177
TSD County:	99
Tons:	0.056
CA Waste Code:	551-Laboratory waste chemicals
Method:	H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County:	Santa Clara

CERS:

Name:	FRONTIER CALIFORNIA INC.: MORGAN HILL PY
Address:	16280 CHURCH ST
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	405545
CERS ID:	10141567
CERS Description:	Chemical Storage Facilities

Coordinates:

Site ID:	405545
Facility Name:	Frontier California Inc.: Morgan Hill PY
Env Int Type Code:	HMBP
Program ID:	10141567
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	37.119220
Longitude:	-121.643040

Affiliation:

Affiliation Type Desc:	Environmental Contact

DRAFT

FRONTIER CALIFORNIA INC.: MORGAN HILL PY (Continued) **S118754872**

Entity Name:	Masood Choudhury
Entity Title:	Not reported
Affiliation Address:	280 S. Locust Street
Affiliation City:	Pomona
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91766
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Frontier California Inc.
Entity Title:	Not reported
Affiliation Address:	280 S. Locust Street
Affiliation City:	Pomona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91766
Affiliation Phone:	(909) 620-5962

Affiliation Type Desc:	Operator
Entity Name:	Frontier California Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(909) 620-5962

Affiliation Type Desc:	Parent Corporation
Entity Name:	Frontier California, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	Frontier California Inc.
Entity Title:	Not reported
Affiliation Address:	280 S. Locust Street
Affiliation City:	Pomona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91766
Affiliation Phone:	(909) 620-5962

Affiliation Type Desc:	Document Preparer
Entity Name:	Stantec Consulting Services Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

DRAFT

FRONTIER CALIFORNIA INC.: MORGAN HILL PY (Continued) **S118754872**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	280 S. Locust Street
Affiliation City:	Pomona
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91766
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Masood Choudhury
Entity Title:	Environmental Manager, Global EHS
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

DRAFT

K78 **FRONTIER CALIFORNIA INC** **RCRA-SQG** **1004676360**
SE **16280 CHURCH ST** **CAR000084269**
1/8-1/4 **MORGAN HILL, CA 95037**
0.205 mi.
1080 ft. **Site 3 of 4 in cluster K**

Relative:
Higher

Actual:
337 ft.

RCRA-SQG:

Date form received by agency:	03/29/2016
Facility name:	FRONTIER CALIFORNIA INC
Facility address:	16280 CHURCH ST MORGAN HILL, CA 95037
EPA ID:	CAR000084269
Mailing address:	P O BOX 725 CHINO, CA 91708
Contact:	MASOOD CHOUDHURY
Contact address:	P O BOX 725 CHINO, CA 91708
Contact country:	US
Contact telephone:	909-620-5962
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous

FRONTIER CALIFORNIA INC (Continued) **1004676360**

waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	FRONTIER CALIFORNIA INC
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	04/01/2016
Owner/Op end date:	Not reported

Owner/operator name:	FRONTIER CALIFORNIA INC
Owner/operator address:	PO BOX 725
	CHINO, CA 91708
Owner/operator country:	US
Owner/operator telephone:	909-620-5962
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	04/01/2016
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	10/10/2000
Site name:	VERIZON CALIFORNIA INCORPORATED MORGAN H
Classification:	Small Quantity Generator

Hazardous Waste Summary:

. Waste code: 141

DRAFT

FRONTIER CALIFORNIA INC (Continued) **1004676360**

. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 214
. Waste name: Unspecified solvent mixture

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 352
. Waste name: Other organic solids

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

K79 **GENERAL TELEPHONE** **SWEEPS UST** **S101630454**
SE **16280 CHURCH ST** **CA FID UST** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037**
0.205 mi.
1080 ft. **Site 4 of 4 in cluster K**

Relative:
Higher

Actual:
337 ft.

SWEEPS UST:

Name:	GENERAL TELEPHONE
Address:	16280 CHURCH ST
City:	MORGAN HILL
Status:	Active
Comp Number:	12920
Number:	4
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88

DRAFT

GENERAL TELEPHONE (Continued) **S101630454**

Owner Tank Id: 1
SWRCB Tank Id: 49-000-012920-000001
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 1

Name: GENERAL TELEPHONE
Address: 16280 CHURCH ST
City: MORGAN HILL
Status: Active
Comp Number: 12920
Number: 4
Board Of Equalization: 44-003721
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 43-004-012920-000001
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 1

Name: GENERAL TELEPHONE
Address: 16280 CHURCH ST
City: MORGAN HILL
Status: Active
Comp Number: 12920
Number: 4
Board Of Equalization: 44-003721
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 43-004-012920-000001
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 1

CA FID UST:
Facility ID: 43004955
Regulated By: UTNKA
Regulated ID: 00012920
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4087785233

DRAFT

GENERAL TELEPHONE (Continued) **S101630454**

Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MORGAN HILL 95037
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

L80
South
1/8-1/4
0.207 mi.
1092 ft.

NEMATOLLAH GHASSEMKHAMI **LUST** **S102434316**
16380 MONTEREY HWY **HIST CORTESE** **N/A**
MORGAN HILL, CA 95037 **CERS**

Site 1 of 3 in cluster L

Relative:
Lower

Actual:
334 ft.

LUST:

Name:	NEMATOLLAH GHASSEMKHAMI
Address:	16380 MONTEREY HWY
City,State,Zip:	MORGAN HILL, CA 95037
Lead Agency:	CENTRAL COAST RWQCB (REGION 3)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608502163
Global Id:	T0608502163
Latitude:	37.1154779
Longitude:	-121.6443234
Status:	Completed - Case Closed
Status Date:	10/07/1988
Case Worker:	RB
RB Case Number:	449
Local Agency:	SANTA CLARA COUNTY LOP
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

LUST:

Global Id:	T0608502163
Contact Type:	Regional Board Caseworker
Contact Name:	RB3 STAFF
Organization Name:	CENTRAL COAST RWQCB (REGION 3)
Address:	895 AEROVISTA PL, SUITE 101
City:	SAN LUIS OBISPO
Email:	centralcoast@waterboards.ca.gov
Phone Number:	8055493147

Global Id:	T0608502163
Contact Type:	Local Agency Caseworker
Contact Name:	UST CASE WORKER
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 Berger Drive, Suite 300
City:	SAN JOSE
Email:	Not reported
Phone Number:	4089183400

DRAFT

NEMATOLLAH GHASSEMKHAMI (Continued) **S102434316**

LUST:

Global Id:	T0608502163
Action Type:	Other
Date:	04/03/1987
Action:	Leak Reported

LUST:

Global Id:	T0608502163
Status:	Completed - Case Closed
Status Date:	10/07/1988
Global Id:	T0608502163
Status:	Open - Case Begin Date
Status Date:	04/03/1987
Global Id:	T0608502163
Status:	Open - Site Assessment
Status Date:	07/24/1987

LUST REG 3:

Region:	3
Regional Board:	Central Coast Region
Facility County:	Santa Clara
Global ID:	T0608502163
Status:	Case Closed
Case Number:	449
Local Case Num:	Not reported
Case Type:	U
Substance:	Waste Oil
Quantity:	Not reported
Abatement Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site
Leak Source:	UNK
Leak Cause:	UNK
How Stopped:	Not reported
How Discovered:	OM
Release Date:	04/03/1987
Discovered Date:	Not reported
Enter Date:	07/24/1987
Stop Date:	Not reported
Review Date:	11/16/1988
Enforce Date:	Not reported
Close Date:	10/7/88
Enforcement Type:	Not reported
Responsible Party:	Not reported
RP Address:	Not reported
Contact:	Not reported
Cross Street:	Not reported
Local Agency:	43099L
Lead Agency:	Regional Board
Staff Initials:	JHM
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	07/24/1987

DRAFT

NEMATOLLAH GHASSEMKHAMI (Continued) **S102434316**

Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: / /
Pilot Program: UST
Interim Action: 0
Funding: Not reported
MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: NRQ
Lat/Long: 37.1154779 / -121.6443234
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 0
Mtbe Fuel: 0
Org Name: Not reported
Basin Plan: 5.30
Beneficial: Not reported
Priority: 0
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: CITY OF MORGAN HILL
Well Name: TENNANT WELL
Distance From Well: 0
Assigned Name: 09S/03E-34D06 M
Summary: GROUND WATER CHARACTERIZATION REPORT DONE 10/87 BY ENGR. SCIENCE. DISCOVERED DURING CLOSURE OF ABANDONED AUTO PAINTING & REPAIR GARAGE. MARGARET AKINO IS PROPERTY MANAGER.

HIST CORTESE:
edr_fname: NEMATOLLAH GHASSEMKHAMI
edr_fadd1: 16380 MONTEREY
City,State,Zip: MORGAN HILL, CA 95020
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 449

CERS:
Name: NEMATOLLAH GHASSEMKHAMI
Address: 16380 MONTEREY HWY
City,State,Zip: MORGAN HILL, CA 95037
Site ID: 217220
CERS ID: T0608502163
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: UST CASE WORKER - SANTA CLARA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported

DRAFT

NEMATOLLAH GHASSEMKHAMI (Continued) **S102434316**

Affiliation Phone:	4089183400
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	RB3 STAFF - CENTRAL COAST RWQCB (REGION 3)
Entity Title:	Not reported
Affiliation Address:	895 AEROVISTA PL, SUITE 101
Affiliation City:	SAN LUIS OBISPO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	8055493147

M81 **VILLA CIOLINO** **LUST** **S108086587**
NW **16873 MONTEREY ROAD** **CERS** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037**
0.207 mi.
1094 ft. **Site 1 of 2 in cluster M**

Relative:
Higher

Actual:
341 ft.

LUST:

Name:	VILLA CIOLINO
Address:	16873 MONTEREY ROAD
City,State,Zip:	MORGAN HILL, CA 95037
Lead Agency:	SANTA CLARA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608566519
Global Id:	T0608566519
Latitude:	37.123727825
Longitude:	-121.649355568
Status:	Completed - Case Closed
Status Date:	11/23/2011
Case Worker:	Not reported
RB Case Number:	14-768
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	09S3E28F05f
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	2/06 - 2 suspect underground storage tanks (USTs) and fill pipes were discovered while demolishing a former restaurant building. Additional suspect USTs were found during a geophysical survey and it was reported the site was occupied by a gasoline station between the 1950-1960s. 8/06 - 5 USTs filled with concrete were removed. Soil excavation was conducted and contaminated soil appeared to extend east under the sidewalk. Soil samples were reported to have maximum concentrations of 9,330 ppm TPHg, 2,160 ppm TOG, 1.9 ppm Benzene, 111 ppm Toluene, 145 ppm Ethylbenzene, and 825 ppm Xylenes. Approximately 494 tons of soil were removed from the site. 3 groundwater monitoring wells were installed and initially sampled in 3/07. Maximum concentrations are reported for well MW3 (downgradient well) of 7,020 ppb TPHg, 126 ppb Benzene, 132 ppb Ethylbenzene, and 153 ppb Xylenes. 7/07 4 Geoprobe borings (B3 through B6) were advanced offsite and downgradient of the site. The investgation concluded that the "analytical data show that the concentrations of petroleum hydrocarbons in the soil and groundwater attenuate rapidly with distance from the site. " Grab groundwater samples collected downgradient were reported to have detectable concentrations of Constituents of Concern. Groundwater monitoring commenced.

DRAFT

VILLA CIOLINO (Continued) **S108086587**

LUST:

Global Id:	T0608566519
Contact Type:	Regional Board Caseworker
Contact Name:	WEI LIU
Organization Name:	CENTRAL COAST RWQCB (REGION 3)
Address:	895 AEROVISTA PLACE, SUITE 101
City:	SAN LUIS OBISPO
Email:	wei.liu@waterboards.ca.gov
Phone Number:	8055493147

LUST:

Global Id:	T0608566519
Action Type:	RESPONSE
Date:	12/27/2010
Action:	Soil and Water Investigation Report
Global Id:	T0608566519
Action Type:	RESPONSE
Date:	01/30/2011
Action:	Monitoring Report - Quarterly
Global Id:	T0608566519
Action Type:	RESPONSE
Date:	04/30/2011
Action:	Monitoring Report - Quarterly
Global Id:	T0608566519
Action Type:	RESPONSE
Date:	07/30/2011
Action:	Monitoring Report - Quarterly
Global Id:	T0608566519
Action Type:	ENFORCEMENT
Date:	07/26/2007
Action:	Staff Letter - #706270
Global Id:	T0608566519
Action Type:	ENFORCEMENT
Date:	09/21/2006
Action:	Staff Letter - #60129
Global Id:	T0608566519
Action Type:	ENFORCEMENT
Date:	10/25/2006
Action:	Staff Letter - #605201
Global Id:	T0608566519
Action Type:	ENFORCEMENT
Date:	09/20/2006
Action:	Notice of Responsibility - #6002029
Global Id:	T0608566519
Action Type:	Other
Date:	08/14/2006
Action:	Leak Discovery

DRAFT

VILLA CIOLINO (Continued) **S108086587**

Global Id: T0608566519
Action Type: RESPONSE
Date: 07/25/2011
Action: Soil and Water Investigation Report

Global Id: T0608566519
Action Type: RESPONSE
Date: 07/24/2015
Action: Site Assessment Report

Global Id: T0608566519
Action Type: ENFORCEMENT
Date: 06/14/2007
Action: Staff Letter - #704160

Global Id: T0608566519
Action Type: ENFORCEMENT
Date: 02/16/2007
Action: Staff Letter - #70612

Global Id: T0608566519
Action Type: ENFORCEMENT
Date: 07/25/2007
Action: Staff Letter - #70527

Global Id: T0608566519
Action Type: Other
Date: 08/14/2006
Action: Leak Stopped

Global Id: T0608566519
Action Type: RESPONSE
Date: 12/30/2011
Action: Well Destruction Report

Global Id: T0608566519
Action Type: ENFORCEMENT
Date: 09/26/2007
Action: Staff Letter - #70629

Global Id: T0608566519
Action Type: RESPONSE
Date: 10/17/2006
Action: Other Workplan

Global Id: T0608566519
Action Type: RESPONSE
Date: 08/31/2007
Action: Other Report / Document

Global Id: T0608566519
Action Type: RESPONSE
Date: 11/30/2007
Action: Soil and Water Investigation Report

Global Id: T0608566519
Action Type: RESPONSE

DRAFT

VILLA CIOLINO (Continued) **S108086587**

Date: 06/05/2007
Action: Other Report / Document

Global Id: T0608566519
Action Type: RESPONSE
Date: 02/07/2007
Action: Remedial Progress Report

Global Id: T0608566519
Action Type: RESPONSE
Date: 01/01/2006
Action: Correspondence

Global Id: T0608566519
Action Type: RESPONSE
Date: 02/28/2011
Action: Request for Closure

Global Id: T0608566519
Action Type: RESPONSE
Date: 08/31/2006
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608566519
Action Type: RESPONSE
Date: 10/31/2011
Action: Well Destruction Report

Global Id: T0608566519
Action Type: RESPONSE
Date: 07/20/2011
Action: Other Report / Document

Global Id: T0608566519
Action Type: ENFORCEMENT
Date: 01/22/2009
Action: Warning Letter

Global Id: T0608566519
Action Type: ENFORCEMENT
Date: 05/26/2009
Action: Warning Letter

Global Id: T0608566519
Action Type: Other
Date: 08/05/2006
Action: Leak Reported

Global Id: T0608566519
Action Type: RESPONSE
Date: 11/08/2006
Action: Preliminary Site Assessment Workplan

Global Id: T0608566519
Action Type: RESPONSE
Date: 04/30/2009
Action: Monitoring Report - Quarterly

DRAFT

VILLA CIOLINO (Continued) **S108086587**

Global Id: T0608566519
Action Type: RESPONSE
Date: 07/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0608566519
Action Type: RESPONSE
Date: 02/09/2009
Action: Monitoring Report - Quarterly

Global Id: T0608566519
Action Type: RESPONSE
Date: 10/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0608566519
Action Type: RESPONSE
Date: 01/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0608566519
Action Type: RESPONSE
Date: 01/31/2007
Action: Interim Remedial Action Report

Global Id: T0608566519
Action Type: RESPONSE
Date: 07/31/2007
Action: Soil and Water Investigation Workplan

Global Id: T0608566519
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608566519
Action Type: RESPONSE
Date: 10/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0608566519
Action Type: RESPONSE
Date: 10/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0608566519
Action Type: RESPONSE
Date: 01/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0608566519
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0608566519
Action Type: RESPONSE

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VILLA CIOLINO (Continued) **S108086587**

Date: 07/24/2007
Action: Monitoring Report - Quarterly

Global Id: T0608566519
Action Type: REMEDIATION
Date: 08/14/2006
Action: Excavation

Global Id: T0608566519
Action Type: ENFORCEMENT
Date: 09/19/2011
Action: Staff Letter

Global Id: T0608566519
Action Type: ENFORCEMENT
Date: 09/08/2010
Action: Staff Letter

Global Id: T0608566519
Action Type: ENFORCEMENT
Date: 08/03/2011
Action: Notification - Public Notice of Case Closure

Global Id: T0608566519
Action Type: ENFORCEMENT
Date: 08/10/2010
Action: Staff Letter

Global Id: T0608566519
Action Type: ENFORCEMENT
Date: 03/15/2011
Action: Staff Letter

Global Id: T0608566519
Action Type: ENFORCEMENT
Date: 11/23/2011
Action: Closure/No Further Action Letter

Global Id: T0608566519
Action Type: ENFORCEMENT
Date: 09/20/2006
Action: Other Report

Global Id: T0608566519
Action Type: RESPONSE
Date: 07/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0608566519
Action Type: RESPONSE
Date: 04/06/2007
Action: Soil and Water Investigation Workplan

Global Id: T0608566519
Action Type: RESPONSE
Date: 09/08/2006
Action: Unauthorized Release Form

DRAFT

VILLA CIOLINO (Continued) **S108086587**

Global Id: T0608566519
Action Type: RESPONSE
Date: 01/02/2017
Action: Other Report / Document

Global Id: T0608566519
Action Type: ENFORCEMENT
Date: 07/27/2015
Action: Staff Letter

Global Id: T0608566519
Action Type: RESPONSE
Date: 07/02/2009
Action: Monitoring Report - Quarterly

Global Id: T0608566519
Action Type: RESPONSE
Date: 01/02/2018
Action: Other Report / Document

Global Id: T0608566519
Action Type: RESPONSE
Date: 05/08/2008
Action: Other Report / Document

Global Id: T0608566519
Action Type: RESPONSE
Date: 12/30/2010
Action: Soil and Water Investigation Report

LUST:
Global Id: T0608566519
Status: Completed - Case Closed
Status Date: 11/23/2011

Global Id: T0608566519
Status: Open - Case Begin Date
Status Date: 08/05/2006

Global Id: T0608566519
Status: Open - Inactive
Status Date: 07/23/2009

Global Id: T0608566519
Status: Open - Site Assessment
Status Date: 09/18/2006

Global Id: T0608566519
Status: Open - Site Assessment
Status Date: 10/17/2006

Global Id: T0608566519
Status: Open - Site Assessment
Status Date: 08/10/2010

Global Id: T0608566519
Status: Open - Verification Monitoring

DRAFT

VILLA CIOLINO (Continued) **S108086587**

Status Date: 09/26/2007

LUST SANTA CLARA:

Name:	VILLA CIOLINO
Address:	16873 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA
Region:	SANTA CLARA
SCVWD ID:	09S3E28F05F
Date Closed:	11/23/2011
EDR Link ID:	09S3E28F05F

CERS:

Name:	VILLA CIOLINO
Address:	16873 MONTEREY ROAD
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	228401
CERS ID:	T0608566519
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	WEI LIU - CENTRAL COAST RWQCB (REGION 3)
Entity Title:	Not reported
Affiliation Address:	895 AEROVISTA PLACE, SUITE 101
Affiliation City:	SAN LUIS OBISPO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	8055493147

N82 **GREIF PACKAGING LLC** **RCRA NonGen / NLR** **1024783287**
NE **235 SAN PEDRO** **CAD981665797**
1/8-1/4 **MORGAN HILL, CA 95037**
0.211 mi.
1113 ft. **Site 1 of 3 in cluster N**

Relative:
Higher

Actual:
344 ft.

RCRA NonGen / NLR:

Date form received by agency:	04/10/1987
Facility name:	GREIF PACKAGING LLC
Facility address:	235 SAN PEDRO MORGAN HILL, CA 95037-0000
EPA ID:	CAD981665797
Mailing address:	366 GREIF PARKWAY DELAWARE, OH 43015-0000
Contact:	GEOFFREY A. WESTPHAL
Contact address:	366 GREIF PARKWAY DELAWARE, OH 43015
Contact country:	Not reported
Contact telephone:	740-657-6616
Contact email:	GEOFF.WESTPHAL@GREIF.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

DRAFT

GREIF PACKAGING LLC (Continued) **1024783287**

Owner/Operator Summary:

Owner/operator name:	GREIF INC.
Owner/operator address:	425 WINTER ROAD DELAWARE, OH 43015
Owner/operator country:	Not reported
Owner/operator telephone:	740-549-6000
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	GEOFFREY A. WESTPHAL
Owner/operator address:	366 GREIF PARKWAY DELAWARE, OH 43015
Owner/operator country:	Not reported
Owner/operator telephone:	740-657-6616
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

N83 **GREIF PACKAGING LLC** **CERS HAZ WASTE** **S121740764**
NE **235 SAN PEDRO AV** **CERS** **N/A**
1/8-1/4 **MORGAN HILL, CA 95037**
0.211 mi.
1113 ft. **Site 2 of 3 in cluster N**

Relative:
Higher

Actual:
344 ft.

CERS HAZ WASTE:

Site ID:	120716
CERS ID:	10350073
CERS Description:	Hazardous Waste Generator

Violations:

DRAFT

GREIF PACKAGING LLC (Continued) **S121740764**

Site ID: 120716
Site Name: GREIF PACKAGING LLC
Violation Date: 11-29-2017
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 12/01/2017. Observed over 1 dozen metal rivets disposed of in the trash near the lever/clasp drum ring assembly area. A review of the physical test report indicated that the rivets contain .02% chromium or 200 ppm. Chromium is regulated at 5 mg/l (California STLC and Federal TCLP). Manage metal as scrap metal or perform analytical testing demonstrating the leachable chromium metal is under 5 mg/l.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 120716
Site Name: GREIF PACKAGING LLC
Violation Date: 11-29-2017
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 11/29/2017. Actual inventory of hazardous materials observed on-site at time of inspection exceeded 100% increase from what was most recently reported on last submittal 2-8-17: Oxygen - reported at 200 cubic feet but observed at 500 cubic feet + Additionally increase reporting of Toluene Diisocyanate (flamebeader) if exceeding more than 2-55 gal drums on-site. CORRECTED AT TIME OF INSPECTION.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 120716
Site Name: GREIF PACKAGING LLC
Violation Date: 11-29-2017
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections

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GREIF PACKAGING LLC (Continued) **S121740764**

(e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Violation Notes: Returned to compliance on 12/01/2017. Observed a non empty 1 gal container of oil or used oil disposed of in the dumpster. Container held approximately 500ml of oil. Oil removed and consolidated into used oil 55 gal drum that is managed as hazardous waste. NO FURTHER ACTION REQUIRED.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-29-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility last electronically submitted a hazardous materials business plan (HMBP) on 2-8-17. Facility operator is also owner of property. Reviewed documented training as it relates to a release or threatened release of a hazardous material. Observed reportable hazardous materials including but not limited to: Propane Oil Toluene Diisocyanate (Flame beader) Sodium Silicate (as irritant) Oxygen Acetylene Ethanol (Vanzola-1) Used Oil Permit to be modified from BP02 (4-6 reportable hazardous materials) to BP03 (7-9 reportable hazardous materials).
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-29-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility performs manufactures packaging containers consisting primarily of fiberboard drums ranging from 8-60 gallons in size. EPA ID # CAD981665797 is active. Operations generate the following waste streams: Waste water from washing sodium silicate adhesive machinery - managed as non hazardous waste. Oily rags and filters - Managed as hazardous waste. Used oil from compressor and machinery - Managed as hazardous waste. Wash water from screen washing for screen printing operations - Managed as hazardous waste. Aqueous Parts washer - Managed as hazardous waste. MINOR VIOLATIONS CORRECTED AT TIME OF INSPECTION: 3x55 gal wash water - no marking. Marked. 1x30 gal wash water - no marking. Marked. 4x55 gal used oil - statement of hazard incorrectly identified as flammable. "Toxic" marked. 2x55 gal used oil - contents marked as "Waste oil" and not as "used oil". Marked. NOTE 1: Unable to determine if generator manifest copies are being sent to the state [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Draft

GREIF PACKAGING LLC (Continued) **S121740764**

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	235 SAN PEDRO AV
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	REMINa HANDA
Entity Title:	Quality & Safety Specialist
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	Greif Packaging LLC
Entity Title:	Not reported
Affiliation Address:	425 Winter Road
Affiliation City:	Delaware,
Affiliation State:	OH
Affiliation Country:	United States
Affiliation Zip:	43015
Affiliation Phone:	(740) 549-6000

Affiliation Type Desc:	Legal Owner
Entity Name:	GREIF Packaging LLC
Entity Title:	Not reported
Affiliation Address:	425 Winter Road
Affiliation City:	Delaware
Affiliation State:	OH
Affiliation Country:	United States
Affiliation Zip:	43015
Affiliation Phone:	(740) 549-6000

Affiliation Type Desc:	Operator
Entity Name:	JIN DULAI
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 706-8136

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA

DRAFT

GREIF PACKAGING LLC (Continued) **S121740764**

Affiliation Country: Not reported
Affiliation Zip: 95112-2716
Affiliation Phone: (408) 918-3400

Affiliation Type Desc: Environmental Contact
Entity Name: GEOFF WESTPHAL
Entity Title: Not reported
Affiliation Address: 425 WINTER ROAD
Affiliation City: DELAWARE
Affiliation State: OH
Affiliation Country: Not reported
Affiliation Zip: 43015
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: GREIF BROTHERS CORP
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

CERS:
Name: GREIF PACKAGING LLC
Address: 235 SAN PEDRO AV
City,State,Zip: MORGAN HILL, CA 95037
Site ID: 120716
CERS ID: 10350073
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 120716
Site Name: GREIF PACKAGING LLC
Violation Date: 11-29-2017
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 12/01/2017. Observed over 1 dozen metal rivets disposed of in the trash near the lever/clasp drum ring assembly area. A review of the physical test report indicated that the rivets contain .02% chromium or 200 ppm. Chromium is regulated at 5 mg/l (California STLC and Federal TCLP). Manage metal as scrap metal or perform analytical testing demonstrating the leachable chromium metal is under 5 mg/l.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 120716
Site Name: GREIF PACKAGING LLC
Violation Date: 11-29-2017
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)

DRAFT

GREIF PACKAGING LLC (Continued) **S121740764**

Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 11/29/2017. Actual inventory of hazardous materials observed on-site at time of inspection exceeded 100% increase from what was most recently reported on last submittal 2-8-17: Oxygen - reported at 200 cubic feet but observed at 500 cubic feet + Additionally increase reporting of Toluene Diisocyanate (flamebeader) if exceeding more than 2-55 gal drums on-site. CORRECTED AT TIME OF INSPECTION.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 120716
Site Name: GREIF PACKAGING LLC
Violation Date: 11-29-2017
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.
Violation Notes: Returned to compliance on 12/01/2017. Observed a non empty 1 gal container of oil or used oil disposed of in the dumpster. Container held approximately 500ml of oil. Oil removed and consolidated into used oil 55 gal drum that is managed as hazardous waste. NO FURTHER ACTION REQUIRED.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-29-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility last electronically submitted a hazardous materials business plan (HMBP) on 2-8-17. Facility operator is also owner of property.

DRAFT

GREIF PACKAGING LLC (Continued) **S121740764**

Reviewed documented training as it relates to a release or threatened release of a hazardous material. Observed reportable hazardous materials including but not limited to: Propane Oil Toluene Diisocyanate (Flame beader) Sodium Silicate (as irritant) Oxygen Acetylene Ethanol (Vanzola-1) Used Oil Permit to be modified from BP02 (4-6 reportable hazardous materials) to BP03 (7-9 reportable hazardous materials).

Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-29-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility performs manufactures packaging containers consisting primarily of fiberboard drums ranging from 8-60 gallons in size. EPA ID # CAD981665797 is active. Operations generate the following waste streams: Waste water from washing sodium silicate adhesive machinery - managed as non hazardous waste. Oily rags and filters - Managed as hazardous waste. Used oil from compressor and machinery - Managed as hazardous waste. Wash water from screen washing for screen printing operations - Managed as hazardous waste. Aqueous Parts washer - Managed as hazardous waste. MINOR VIOLATIONS CORRECTED AT TIME OF INSPECTION: 3x55 gal wash water - no marking. Marked. 1x30 gal wash water - no marking. Marked. 4x55 gal used oil - statement of hazard incorrectly identified as flammable. "Toxic" marked. 2x55 gal used oil - contents marked as "Waste oil" and not as "used oil". Marked. NOTE 1: Unable to determine if generator manifest copies are being sent to the state [Truncated]

Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Affiliation:

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 235 SAN PEDRO AV
Affiliation City: MORGAN HILL
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95037
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: REMINa HANDA
Entity Title: Quality & Safety Specialist
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Greif Packaging LLC

DRAFT

GREIF PACKAGING LLC (Continued) **S121740764**

Entity Title:	Not reported
Affiliation Address:	425 Winter Road
Affiliation City:	Delaware,
Affiliation State:	OH
Affiliation Country:	United States
Affiliation Zip:	43015
Affiliation Phone:	(740) 549-6000

Affiliation Type Desc:	Legal Owner
Entity Name:	GREIF Packaging LLC
Entity Title:	Not reported
Affiliation Address:	425 Winter Road
Affiliation City:	Delaware
Affiliation State:	OH
Affiliation Country:	United States
Affiliation Zip:	43015
Affiliation Phone:	(740) 549-6000

Affiliation Type Desc:	Operator
Entity Name:	JIN DULAI
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 706-8136

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Environmental Contact
Entity Name:	GEOFF WESTPHAL
Entity Title:	Not reported
Affiliation Address:	425 WINTER ROAD
Affiliation City:	DELAWARE
Affiliation State:	OH
Affiliation Country:	Not reported
Affiliation Zip:	43015
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	GREIF BROTHERS CORP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

DRAFT

N84 NE 1/8-1/4 0.211 mi. 1113 ft. | **GREIF PACKAGING LLC**
235 SAN PEDRO AVE.
MORGAN HILL, CA 95037

Site 3 of 3 in cluster N

Relative: Higher

Actual: 344 ft.

SWEEPS UST
HIST UST
CA FID UST
CUPA Listings
NPDES
WDS
CIWQS
CERS

1000249773
N/A

SWEEPS UST:

Name:	GREIF BROS. CORPORATION
Address:	235 SAN PEDRO AVE
City:	MORGAN HILL
Status:	Active
Comp Number:	4359
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	49-000-004359-000001
Tank Status:	A
Capacity:	1000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	2

Name:	GREIF BROS. CORPORATION
Address:	235 SAN PEDRO AVE
City:	MORGAN HILL
Status:	Active
Comp Number:	4359
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	2
SWRCB Tank Id:	49-000-004359-000002
Tank Status:	A
Capacity:	10000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

Name:	GREIF BROS. CORPORATION
Address:	235 SAN PEDRO AVE
City:	MORGAN HILL
Status:	Active
Comp Number:	4359
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported

DRAFT

GREIF PACKAGING LLC (Continued) **1000249773**

Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	43-004-004359-000001
Tank Status:	A
Capacity:	1000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	2

Name:	GREIF BROS. CORPORATION
Address:	235 SAN PEDRO AVE
City:	MORGAN HILL
Status:	Active
Comp Number:	4359
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	2
SWRCB Tank Id:	43-004-004359-000002
Tank Status:	A
Capacity:	10000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

Name:	GREIF BROS. CORPORATION
Address:	235 SAN PEDRO AVE
City:	MORGAN HILL
Status:	Active
Comp Number:	4359
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	43-004-004359-000001
Tank Status:	A
Capacity:	1000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	2

Name:	GREIF BROS. CORPORATION
Address:	235 SAN PEDRO AVE
City:	MORGAN HILL
Status:	Active
Comp Number:	4359
Number:	9

DRAFT

GREIF PACKAGING LLC (Continued) **1000249773**

Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 43-004-004359-000002
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

HIST UST:
Name: GREIF BROS. CORPORATION
Address: 235 SAN PEDRO AVE
City,State,Zip: MORGAN HILL, CA 95037
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000004359
Facility Type: Other
Other Type: MANUFACTURING
Contact Name: Not reported
Telephone: 4087792161
Owner Name: GREIF BROS. CORPORATION
Owner Address: 235 SAN PEDRO AVE.
Owner City,St,Zip: MORGAN HILL, CA 95037
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1970
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 12
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

CA FID UST:
Facility ID: 43005487
Regulated By: UTNKA
Regulated ID: 00004359
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4087792161

DRAFT

GREIF PACKAGING LLC (Continued) **1000249773**

Mail To:	Not reported
Mailing Address:	235 SAN PEDRO AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MORGAN HILL 95037
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

CUPA SANTA CLARA:

Name:	GREIF PACKAGING, LLC
Address:	235 SAN PEDRO AV
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.123099
Longitude:	-121.642908
Record ID:	PR0313222
Facility ID:	FA0203228

Name:	GREIF PACKAGING, LLC
Address:	235 SAN PEDRO AV
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 7-9 CHEMICALS
Latitude:	37.123099
Longitude:	-121.642908
Record ID:	PR0376799
Facility ID:	FA0203228

NPDES:

Name:	GREIF PACKAGING LLC
Address:	235 SAN PEDRO AVE
City,State,Zip:	MORGAN HILL, CA 95037
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	3 43I009374
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported

DRAFT

GREIF PACKAGING LLC (Continued) **1000249773**

Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	11/15/1992
Operator Name:	Greif Packaging LLC
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	3
Regulatory Measure ID:	183995
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	3 43I009374
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/15/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Greif Packaging LLC
Discharge Address:	235 San Pedro Avenue
Discharge City:	Morgan Hill
Discharge State:	California
Discharge Zip:	95037
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported

DRAFT

GREIF PACKAGING LLC (Continued) **1000249773**

Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	3
Regulatory Measure ID:	183995
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	3 43I009374
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	11/15/1992
Status:	Active
Status Date:	11/15/1992
Place Size:	10
Place Size Unit:	Acres
Contact:	Jin Dulai
Contact Title:	Plant Manager
Contact Phone:	408-779-2161

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GREIF PACKAGING LLC (Continued) **1000249773**

Contact Phone Ext:	Not reported
Contact Email:	evan.thomas@greif.com
Operator Name:	Greif Packaging LLC
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Private Individual
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	408-779-2161
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Uvas Creek
Certifier:	Jin Dulai
Certifier Title:	Plant Manager
Certification Date:	21-MAY-15
Primary Sic:	2655-Fiber Cans, Tubes, Drums, and Similar Products
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	GREIF PACKAGING LLC
Address:	235 SAN PEDRO AVE
City,State,Zip:	MORGAN HILL, CA 95037
Facility Status:	Active
NPDES Number:	CAS000001
Region:	3
Agency Number:	0
Regulatory Measure ID:	183995

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GREIF PACKAGING LLC (Continued) **1000249773**

Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	3 43I009374
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/15/1992
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	235 San Pedro Avenue
Discharge Name:	Greif Packaging LLC
Discharge City:	Morgan Hill
Discharge State:	California
Discharge Zip:	95037
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	3
Regulatory Measure ID:	183995
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	3 43I009374
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/15/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Greif Packaging LLC
Discharge Address:	235 San Pedro Avenue
Discharge City:	Morgan Hill
Discharge State:	California
Discharge Zip:	95037
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

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GREIF PACKAGING LLC (Continued) **1000249773**

Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	3
Regulatory Measure ID:	183995
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	3 43I009374
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported

DRAFT

GREIF PACKAGING LLC (Continued) **1000249773**

Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	11/15/1992
Status:	Active
Status Date:	11/15/1992
Place Size:	10
Place Size Unit:	Acres
Contact:	Jin Dulai
Contact Title:	Plant Manager
Contact Phone:	408-779-2161
Contact Phone Ext:	Not reported
Contact Email:	evan.thomas@greif.com
Operator Name:	Greif Packaging LLC
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Private Individual
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	408-779-2161
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Uvas Creek
Certifier:	Jin Dulai
Certifier Title:	Plant Manager
Certification Date:	21-MAY-15
Primary Sic:	2655-Fiber Cans, Tubes, Drums, and Similar Products

DRAFT

GREIF PACKAGING LLC (Continued) **1000249773**

Secondary Sic: Not reported
Tertiary Sic: Not reported

WDS:

Name:	GREIF BROS WEST COAST DIV
Address:	235 San Pedro Ave
City:	MORGAN HILL
Facility ID:	San Francisco Bay 43I009374
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	4087792161
Facility Contact:	ED DEAN
Agency Name:	GREIF BROS CORP
Agency Address:	425 Winter Rd
Agency City,St,Zip:	Delaware 430158903
Agency Contact:	JAMES ZEMAK
Agency Telephone:	7405496000
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name: GREIF PACKAGING LLC

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GREIF PACKAGING LLC (Continued) **1000249773**

Address:	235 SAN PEDRO AVE
City,State,Zip:	MORGAN HILL, CA 95037
Agency:	Greif Packaging LLC
Agency Address:	235 San Pedro Avenue, Morgan Hill, CA 95037
Place/Project Type:	Industrial - Fiber Cans, Tubes, Drums, and Similar Products
SIC/NAICS:	2655
Region:	3
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	3 43I009374
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	11/15/1992
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.12288
Longitude:	-121.64311

CERS:

Name:	GREIF PACKAGING LLC
Address:	235 SAN PEDRO AVE.
City,State,Zip:	MORGAN HILL, CA 95037-5298
Site ID:	471026
CERS ID:	110002147515
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Property Owner
Entity Name:	GREIF
Entity Title:	Not reported
Affiliation Address:	425 WINTER ROAD
Affiliation City:	DELAWARENA
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	GEOFF WESTPHAL
Entity Title:	Not reported
Affiliation Address:	425 WINTER ROAD
Affiliation City:	DELAWARE
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Public Contact
Entity Name:	E. L. DEAN

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GREIF PACKAGING LLC (Continued) **1000249773**

Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: GREIF PACKAGING LLC
Address: 235 SAN PEDRO AVE
City,State,Zip: MORGAN HILL, CA 95037
Site ID: 471028
CERS ID: 227960
CERS Description: Industrial Facility Storm Water

Violations:
Site ID: 471028
Site Name: Greif Packaging LLC
Violation Date: 07-02-2008
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: Failure to submit the 2007-2008 Annual Report by 7/1/08 due date.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Enforcement Action:
Site ID: 471028
Site Name: Greif Packaging LLC
Site Address: 235 SAN PEDRO AVE
Site City: MORGAN HILL
Site Zip: 95037
Enf Action Date: 08-22-2008
Enf Action Type: Notice of Non-Compliance for Non-Filers
Enf Action Description: Notice of Non-Compliance for Non-Filers
Enf Action Notes: N/A
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Greif Packaging LLC
Entity Title: Operator
Affiliation Address: 235 San Pedro Avenue
Affiliation City: Morgan Hill
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95037
Affiliation Phone: Not reported

DRAFT

85 WSW 1/8-1/4 0.212 mi. 1121 ft. | **ALEX CASTANEDA**
185 FOOTHILL COURT
MORGAN HILL, CA 95037 | **RCRA NonGen / NLR** | **1024768219**
CAC002988099

Relative: Higher

Actual: 345 ft.

RCRA NonGen / NLR:

Date form received by agency:	11/06/2018
Facility name:	ALEX CASTANEDA
Facility address:	185 FOOTHILL COURT MORGAN HILL, CA 95037
EPA ID:	CAC002988099
Contact:	ALEX CASTANEDA
Contact address:	185 FOOTHILL COURT MORGAN HILL, CA 95037
Contact country:	Not reported
Contact telephone:	408-608-7770
Contact email:	NICOLE@ENV-REM.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ALEX CASTANEDA
Owner/operator address:	185 FOOTHILL COURT MORGAN HILL, CA 95037
Owner/operator country:	Not reported
Owner/operator telephone:	408-608-7770
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	ALEX CASTANEDA
Owner/operator address:	185 FOOTHILL COURT MORGAN HILL, CA 95037
Owner/operator country:	Not reported
Owner/operator telephone:	408-608-7770
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

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ALEX CASTANEDA (Continued) **1024768219**

Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

L86
South
1/8-1/4
0.220 mi.
1163 ft.

COMMUNITY CHIROPRACTIC **CUPA Listings** **S121472659**
16375 MONTEREY RD B **N/A**
MORGAN HILL, CA 95037

Site 2 of 3 in cluster L

Relative:
Lower

Actual:
333 ft.

CUPA SANTA CLARA:

Name:	COMMUNITY CHIROPRACTIC
Address:	16375 MONTEREY RD B
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2271
Program Description:	SILVER WASTE ONLY <100 KG/MO
Latitude:	37.117751
Longitude:	-121.645885
Record ID:	PR0372596
Facility ID:	FA0255172

L87
South
1/8-1/4
0.221 mi.
1167 ft.

BELLISTRI CHIROPRACTIC INC **CUPA Listings** **S114555254**
16360 MONTEREY RD **N/A**
MORGAN HILL, CA 95037

Site 3 of 3 in cluster L

Relative:
Lower

Actual:
334 ft.

CUPA SANTA CLARA:

Name:	BELLISTRI CHIROPRACTIC INC
Address:	16360 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2271
Program Description:	SILVER WASTE ONLY <100 KG/MO
Latitude:	37.1176485
Longitude:	-121.6456228
Record ID:	PR0413988
Facility ID:	FA0264559

DRAFT

88
ESE
1/8-1/4
0.227 mi.
1197 ft.

SPIRIT RD OILS
16490 VINEYARD BLVD
MORGAN HILL, CA 95037

CHMIRS
CUPA Listings
WDS
CIWQS
CERS

S106446899
N/A

Relative:
Higher

Actual:
339 ft.

CHMIRS:

Name:	Not reported
Address:	16490 VINEYARD BLVD
City,State,Zip:	MORGAN HILL, CA 95037
OES Incident Number:	16-3505
OES notification:	06/10/2016
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Storm Drain
Spill Site:	Road
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1000
Year:	2016
Agency:	Pacific Northwest Oil
Incident Date:	06/07/2016
Admin Agency:	Santa Clara County Department of Environmental Health

DRAFT

SPIRIT RD OILS (Continued) **S106446899**

Amount:	Not reported
Contained:	Yes
Site Type:	Storm Drain
E Date:	Not reported
Substance:	Vehicle Fluids
Quantity Released:	10
Unknown:	Not reported
Substance #2:	Liquid Asphalt 15-20
Substance #3:	Not reported
Evacuations:	5
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	Yes
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP states, "Due to a vehicle fire, less than 10 gallons of vehicle fluids was released and approx 15 to 20 gallons of liquid asphalt was released into a secondary containment. Some fire suppression water entered a nearby storm drain before it was blocked

CUPA SANTA CLARA:

Name:	PACIFIC NORTHWEST OIL
Address:	16490 VINEYARD BL
City,State,Zip:	MORGAN HILL, CA
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Latitude:	37.114295
Longitude:	-121.637344
Record ID:	PR0412250
Facility ID:	FA0272529

WDS:

Name:	SPIRIT RD OILS
Address:	16490 Vineyard Blvd
City:	MORGAN HILL
Facility ID:	Central Coastal 43I018706
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

DRAFT

SPIRIT RD OILS (Continued) **S106446899**

Subregion:	3
Facility Telephone:	4084652270
Facility Contact:	Rod Simas
Agency Name:	SPIRIT RD OILS
Agency Address:	PO Box 36288
Agency City,St,Zip:	San Jose 95158
Agency Contact:	Jan Simas
Agency Telephone:	4084652270
Agency Type:	Private
SIC Code:	2951
SIC Code 2:	2952
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name:	SPIRIT RD OILS
Address:	16490 VINEYARD BLVD
City,State,Zip:	MORGAN HILL, CA 95037
Agency:	Spirit Road Oils
Agency Address:	PO Box 36288, San Jose, CA 95158
Place/Project Type:	Industrial - Asphalt Paving Mixtures and Blocks
SIC/NAICS:	Multiple
Region:	3
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	3 43I018706
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	03/19/2004
Termination Date:	03/31/2012
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported

DRAFT

SPIRIT RD OILS (Continued) **S106446899**

TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.12034
Longitude:	-121.6421

CERS:

Name:	PACIFIC NORTHWEST OIL
Address:	16490 VINEYARD BL
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	375341
CERS ID:	10346947
CERS Description:	Chemical Storage Facilities

Affiliation:

Affiliation Type Desc:	Operator
Entity Name:	Pacific Northwest Oil
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 948-0302

Affiliation Type Desc:	Parent Corporation
Entity Name:	Pacific Northwest Oil
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	Steve Azevedo
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Steve Azevedo
Entity Title:	Not reported
Affiliation Address:	PO BOX 6099
Affiliation City:	STOCKTON
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95206
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address

DRAFT

SPIRIT RD OILS (Continued) **S106446899**

Entity Title:	Not reported
Affiliation Address:	16490 VINEYARD BL
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	steve azevedo
Entity Title:	env manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Pacific Northwest Oil
Entity Title:	Not reported
Affiliation Address:	P.O. Box 6930
Affiliation City:	STOCKTON
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95206
Affiliation Phone:	(208) 948-0302

Affiliation Type Desc:	Property Owner
Entity Name:	PACIFIC NORTHWEST OIL
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 948-0302

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

DRAFT

M89
NW
1/8-1/4
0.229 mi.
1211 ft.

COSMOPROF SUPPLY
16895 S MONTEREY ST
MORGAN HILL, CA 95037

Site 2 of 2 in cluster M

CUPA Listings **S120984154**
N/A

Relative:
Higher

Actual:
342 ft.

CUPA SANTA CLARA:

Name:	COSMOPROF SUPPLY
Address:	16895 S MONTEREY ST
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2240
Program Description:	GENERATES < 10 GAL/YR
Latitude:	37.12418
Longitude:	-121.65172
Record ID:	PR0427960
Facility ID:	FA0285467

90
SW
1/8-1/4
0.248 mi.
1307 ft.

EAH PARK PLACE LP DBA PARK PLACE AP
16480 DEL MONTE AVE
MORGAN HILL, CA 95037

RCRA NonGen / NLR **1024868838**
CAL000437444

Relative:
Higher

Actual:
342 ft.

RCRA NonGen / NLR:

Date form received by agency:	07/13/2018
Facility name:	EAH PARK PLACE LP DBA PARK PLACE AP
Facility address:	16480 DEL MONTE AVE MORGAN HILL, CA 95037
EPA ID:	CAL000437444
Mailing address:	22 PELICAN WAY SAN RAFAEL, CA 94901
Contact:	JULAY BUTLER
Contact address:	16480 DEL MONTE AVE MORGAN HILL, CA 95037
Contact country:	Not reported
Contact telephone:	408-779-4361
Contact email:	JULAY.BUTLER@EAHHOUSING.ORG
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	JULAY BUTLER
Owner/operator address:	16480 DEL MONTE AVE MORGAN HILL, CA 95037
Owner/operator country:	Not reported
Owner/operator telephone:	408-779-4361
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	EAH PARK PLACE LP
Owner/operator address:	22 PELICAN WAY SAN RAFAEL, CA 94901

DRAFT

EAH PARK PLACE LP DBA PARK PLACE AP (Continued) **1024868838**

Owner/operator country: Not reported
Owner/operator telephone: 415-258-1800
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

91
West
1/8-1/4
0.248 mi.
1312 ft.

KATHY GRATTAN **RCRA NonGen / NLR** **1024763981**
190 MANOR CT. **CAC002983847**
MORGAN HILL, CA 95037

Relative:
Higher

Actual:
345 ft.

RCRA NonGen / NLR:
Date form received by agency: 10/08/2018
Facility name: KATHY GRATTAN
Facility address: 190 MANOR CT.
MORGAN HILL, CA 95037
EPA ID: CAC002983847
Contact: KATHY GRATTAN
Contact address: 190 MANOR CT.
MORGAN HILL, CA 95037
Contact country: Not reported
Contact telephone: 408-482-3452
Contact email: DANWEST1@AOL.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: KATHY GRATTAN
Owner/operator address: 190 MANOR CT.
MORGAN HILL, CA 95037
Owner/operator country: Not reported
Owner/operator telephone: 408-482-3452
Owner/operator email: Not reported

DRAFT

KATHY GRATTAN (Continued) **1024763981**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: KATHY GRATTAN
Owner/operator address: 190 MANOR CT.
MORGAN HILL, CA 95037
Owner/operator country: Not reported
Owner/operator telephone: 408-482-3452
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

O92 **CASTLE VEGTECH** **CPS-SLIC** **S105619064**
ESE **16470 VINEYARD BLVD.** **N/A**
1/4-1/2 **MORGAN HILL, CA**
0.285 mi.
1506 ft. **Site 1 of 2 in cluster O**

Relative:
Higher

Actual:
337 ft.

SLIC REG 3:
Name: CASTLE VEGTECH
Address: 16470 VINEYARD BLVD.
City: MORGAN HILL
Region: 3
Leak Site Cross Street: Not reported
Regional Board Case#: s296
Entered Into Database: Not reported
Discovered: Not reported
RB Case In: MANGANO & ASSOCIATES, LIC
Responsible Party: MICHAEL MANGANO
RP Contact: Not reported
RP Phone: Not reported

DRAFT

CASTLE VEGTECH (Continued) **S105619064**

RP Number:	Not reported
RP Address:	901 COMMERCIAL ST. , SUITE 110
RP City,St,Zip:	SAN JOSE, CA 95112
Date First Reported:	Not reported
Lead Agency:	Regional Board
Program Type:	SLIC
Facility Status:	Remedial Action Plan Underway/Ongoing
Case Type:	Other ground water affected
Case Type Undetermined:	No
Case Type Soil Impacted:	No
Case Type Surface Water:	No
Case Type Drinkin Water Well:	No
Case Type Drinking Water Aqfr:	No
Case Type Other Grnd Wtr:	Yes
PCA:	2030002

O93
ESE
1/4-1/2
0.285 mi.
1506 ft.

CASTLE VEGTECH
16470 VINEYARD BLVD
MORGAN HILL, CA 95037

Site 2 of 2 in cluster O

CPS-SLIC
ENF
CIWQS
CERS

S108746824
N/A

Relative:
Higher

Actual:
337 ft.

CPS-SLIC:

Name:	CASTLE VEGTECH
Address:	16470 VINEYARD BLVD
City,State,Zip:	MORGAN HILL, CA 95037-5497
Region:	STATE
Facility Status:	**Open - Assessment & Interim Remedial Action**
Status Date:	03/17/2017
Global Id:	SL0608727312
Lead Agency:	CENTRAL COAST RWQCB (REGION 3)
Lead Agency Case Number:	Not reported
Latitude:	37.1195689839468
Longitude:	-121.640900796389
Case Type:	Cleanup Program Site
Case Worker:	DT
Local Agency:	Not reported
RB Case Number:	s296
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	1,1,1-Trichloroethane (TCA), 1,2,3-Trichloropropane (TCP), Other Chlorinated Hydrocarbons, DDD / DDE / DDT, Endrin, Other Insecticides / Pesticide / Fumigants / Herbicides, Toxaphene
Site History:	From 1958 to 1986, Castle Vegtech, Inc., owned or controlled by Tom Castle, operated a pesticide formulation, sales, and application business at 16470 Vineyard Boulevard (formerly 190 Mast Street), Morgan Hill. In the course doing business, Castle Vegtech allowed pesticide related wastes to leak or spill into or onto the ground, which have contaminated soils and groundwater beneath the site and the surrounding area. Regional Board opened this case in 1987. Castle Vegtech (CV) was initially identified and named as the responsible party. In October 1988, during a public hearing for an ACL imposed to CV, Regional Board staff learned that Jamina Investments, a General Partnership of Tom Castles three children, acquired the CV property on April 4, 1986. Since then, both CV and Jamina Investments (Jamina) had been identified and named as the responsible parties until 2001, when CV property was sold to Alan Hui. After CV and Jamina sold the property in 2001, all correspondences from the Regional Board to the

DRAFT

CASTLE VEGTECH (Continued) **S108746824**

RPs have been directed to Michael Mangano, who was Alan Huis initial representative and apparently later became the current owner of the CV property. Since opening this case, the Regional Board has issued several Cleanup or Abatement Orders (CAO) as well as several ACLs to CV and Jamina. After the public hearing for the first ACL in October 1988, the Regional Board raised the staff recommended ACL amount of $6,000 to $25,000. On February 7, 1989, the Regional Board issued the first CAO, No. 89-66, to CV and Jamina, requiring delineation and remediation of soil and groundwater at the site. To date, three CAOs (No.s 92-104, 93-111, and 96-63), one Settlement Agreement between the Regional Board and CV responsible parties, including CV, Jamina, James A. Castle, Michael C. Castle, and Nancy Buchanan (Tom Castles daughter), a General NPDES Permit Order, and a groundwater Monitoring and Reporting Program Order are in effect (see attached Active Orders for CV). All of these existing orders from the Regional Board were issued to CV and Jamina. In 1997, a Settlement Agreement was reached between the RPs and the Regional Board to resolve a total of $85,000 outstanding balance of two previous ACL orders (No. 92-78 and 92-83) adopted by the Regional Board in June 1992. The Settlement Agreement requires Castle Vegtech, Jamina Investments, James A. Castle, Michael C. Castle, and Nancy Buchanan to pay $85,000 plus 10% interest from May 8, 1997, if the Executive Officer notifies the Castle Family that he has found that the cleanup of the property is not proceeding in accordance with the requirements and time schedules in Cleanup or Abatement Order No. 96-63, or any then current cleanup order(s) issued by the Regional Board, or is not proceeding to the Executive Officers satisfaction. During the following years until early 2001, the Castle Family generally complied with the Regional Boards orders and requirements. In a letter dated March 22, 2001, Michael Castle informed the staff that CV property was sold to Mr. Alan Hui. Since then, although staff who worked on this case did not, either verbally or in writing, release the CV and Jaminas responsibility for this site, all discussions and requests have been directed to Michael Mangano who was initially acting as Alan Huis representative and at some unknown later time became the owner.

Click here to access the California GeoTracker records for this facility:

ENF:

Name:	FORMER CASTLE VEGTECH AGRICULTURAL CHEMICALS FACILITY
Address:	16470 VINEYARD BOULEVARD
City,State,Zip:	MORGAN HILL, CA 95037
Region:	3
Facility Id:	213502
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	37.119915
Place Longitude:	-121.641827
SIC Code 1:	2879
SIC Desc 1:	Pesticides and Agricultural Chemicals, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported

CASTLE VEGTECH (Continued) **S108746824**

SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	382275
Region:	3
Order / Resolution Number:	Not reported
Enforcement Action Type:	Settlement - Court Order
Effective Date:	12/21/2010
Adoption/Issuance Date:	12/21/2010
Achieve Date:	Not reported
Termination Date:	10/02/2015
ACL Issuance Date:	Not reported

DRAFT

CASTLE VEGTECH (Continued) **S108746824**

EPL Issuance Date:	Not reported
Status:	Historical
Title:	Court Settlement 12/21/2010 for Jamina Investments
Description:	Santa Clara County Superior Court No. 109CV158833. Court ordered settlement resolving past-due collection of civil liability related to polluted property located at 16495 and 16470 Vineyard Blvd, Morgan Hill, Ca. Collection of liability due per ACL Order 92-78 and Order 92-083 conditionally waived pending compliance with settlement terms. Court deemed ACL Order 94-71 beyond statute of limitations. Final payment due 11/15/2012.
Program:	SLIC
Latest Milestone Completion Date:	2014-05-16
# Of Programs1:	1
Total Assessment Amount:	40000
Initial Assessed Amount:	833.41
Liability $ Amount:	40000
Project $ Amount:	0
Liability $ Paid:	40000
Project $ Completed:	0
Total $ Paid/Completed Amount:	40000

Name:	FORMER CASTLE VEGTECH AGRICULTURAL CHEMICALS FACILITY
Address:	16470 VINEYARD BOULEVARD
City,State,Zip:	MORGAN HILL, CA 95037
Region:	3
Facility Id:	213502
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	37.119915
Place Longitude:	-121.641827
SIC Code 1:	2879
SIC Desc 1:	Pesticides and Agricultural Chemicals, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported

DRAFT

CASTLE VEGTECH (Continued) **S108746824**

Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	395094
Region:	3
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	02/21/2014
Adoption/Issuance Date:	02/21/2014
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	NOV 2/21/14 for Tansy, Castle Vegtech Cleanup Site
Description:	For failure to provide complete workplan addendum by 10/30/13 pursuant to 8/29/13 13267 Order.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name: FORMER CASTLE VEGTECH AGRICULTURAL CHEMICALS FACILITY

DRAFT

CASTLE VEGTECH (Continued) **S108746824**

Address:	16470 VINEYARD BOULEVARD
City,State,Zip:	MORGAN HILL, CA 95037
Region:	3
Facility Id:	213502
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	37.119915
Place Longitude:	-121.641827
SIC Code 1:	2879
SIC Desc 1:	Pesticides and Agricultural Chemicals, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported

DRAFT

CASTLE VEGTECH (Continued) **S108746824**

WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	395084
Region:	3
Order / Resolution Number:	Not reported
Enforcement Action Type:	13267 Letter
Effective Date:	08/29/2013
Adoption/Issuance Date:	08/29/2013
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	13267 Order 8/29/13 for Tansy, Castle Vegtech Cleanup Site
Description:	Letter includes outcome of initial workplan discussions and describes requirements to progress toward case closure of Western Property and establish interim pollutant containment strategy for Eastern Property. Tansy Development Inc and Mr. Tansy are required to submit a Workplan Addendum no later than October 30, 2013 to address the requirements described.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	FORMER CASTLE VEGTECH AGRICULTURAL CHEMICALS FACILITY
Address:	16470 VINEYARD BOULEVARD
City,State,Zip:	MORGAN HILL, CA 95037
Region:	3
Facility Id:	213502
Agency Name:	Jamina Investments
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.119915
Place Longitude:	-121.641827
SIC Code 1:	2879
SIC Desc 1:	Pesticides and Agricultural Chemicals, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported

DRAFT

CASTLE VEGTECH (Continued) **S108746824**

NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Contaminated ground water
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	3 432021002
Reg Measure Id:	186257
Reg Measure Type:	Enrollee
Region:	3
Order #:	01-134
Npdes# CA#:	CAG993002
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	2000
Status:	Historical
Status Date:	06/16/2008
Effective Date:	02/10/1995
Expiration/Review Date:	Not reported
Termination Date:	05/19/2006
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	15 - WDRs pending rescission
Direction/Voice:	Passive
Enforcement Id(EID):	304040
Region:	3
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	04/26/2006
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/26/2006
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported

DRAFT

CASTLE VEGTECH (Continued) **S108746824**

Status:	Historical
Title:	NOV for Castle Vegtech
Description:	Quarterly report 43 days late as of 6/2/2006
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

CIWQS:

Name:	FORMER CASTLE VEGTECH AGRICULTURAL CHEMICALS FACILITY
Address:	16470 VINEYARD BOULEVARD
City,State,Zip:	MORGAN HILL, CA 95037
Agency:	Jamina Investments
Agency Address:	901 Commercial Street 110, San Jose, CA 95037
Place/Project Type:	Service/Commercial Site, NEC
SIC/NAICS:	2879
Region:	3
Program:	NPDESWW, NPDNONMUNIPRCS
Regulatory Measure Status:	Historical
Regulatory Measure Type:	NPDES Permit
Order Number:	00-156
WDID:	3 432021002
NPDES Number:	CA0049859
Adoption Date:	09/15/2000
Effective Date:	09/14/2000
Termination Date:	Not reported
Expiration/Review Date:	09/15/2000
Design Flow:	0
Major/Minor:	Minor
Complexity:	B
TTWQ:	2
Enforcement Actions within 5 years:	1
Violations within 5 years:	0
Latitude:	37.119915
Longitude:	-121.641827

CERS:

Name:	CASTLE VEGTECH
Address:	16470 VINEYARD BLVD
City,State,Zip:	MORGAN HILL, CA 95037-5497
Site ID:	242251
CERS ID:	SL0608727312
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DEAN THOMAS - CENTRAL COAST RWQCB (REGION 3)
Entity Title:	Not reported
Affiliation Address:	895 AEROVISTA PLACE, SUITE 101
Affiliation City:	SAN LUIS OBISPO
Affiliation State:	CA

DRAFT

CASTLE VEGTECH (Continued) **S108746824**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

P94 **DON LOVE EXXON** **LUST** **S104542020**
NW **16990 MONTEREY RD** **HIST LUST** **N/A**
1/4-1/2 **MORGAN HILL, CA 95037** **CERS**
0.291 mi.
1538 ft. **Site 1 of 4 in cluster P**

Relative:
Higher

Actual:
342 ft.

LUST REG 3:

Region:	3
Regional Board:	Central Coast Region
Facility County:	Santa Clara
Global ID:	T0608569527
Status:	Case Closed
Case Number:	3383
Local Case Num:	09S3E28F04f
Case Type:	A
Substance:	Gasoline
Quantity:	Not reported
Abatement Method:	Not reported
Leak Source:	Not reported
Leak Cause:	Not reported
How Stopped:	Not reported
How Discovered:	Not reported
Release Date:	08/07/1987
Discovered Date:	Not reported
Enter Date:	/ /
Stop Date:	Not reported
Review Date:	/ /
Enforce Date:	Not reported
Close Date:	4/29/94
Enforcement Type:	NOR
Responsible Party:	Not reported
RP Address:	Not reported
Contact:	Not reported
Cross Street:	Not reported
Local Agency:	43099L
Lead Agency:	Local Agency
Staff Initials:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	6/29/87
Pollution Char:	06/14/1988
Remedial Plan:	Not reported
Remedial Action:	Not reported
Monitoring:	/ /
Pilot Program:	LUST
Interim Action:	Not reported
Funding:	Not reported
MTBE Class:	*
Max MTBE Grnd Wtr:	Not reported
Max MTBE Soil:	Not reported
Max MTBE Data:	/ /
MTBE Tested:	NT
Lat/Long:	37.125077 / -121.649812

DRAFT

DON LOVE EXXON (Continued) **S104542020**

Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 0
Mtbe Fuel: 1
Org Name: Not reported
Basin Plan: Not reported
Beneficial: MUN
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Distance From Well: 0
Assigned Name: Not reported
Summary: Not reported

HIST LUST SANTA CLARA:
Name: Don Love Exxon
Address: 16990 Monterey Rd
City: Morgan Hill
Region: SANTA CLARA
Region Code: 3
SCVWD ID: 09S3E28F04
Oversite Agency: SCVWD
Date Listed: 1901-01-01 00:00:00
Closed Date: 1994-04-29 00:00:00

CERS:
Name: DON LOVE EXXON
Address: 16990 MONTEREY RD
City,State,Zip: MORGAN HILL, CA 95037
Site ID: 248236
CERS ID: T0608569527
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: UST CASE WORKER - SANTA CLARA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 4089183400

DRAFT

P95 NW 1/4-1/2 0.291 mi. 1538 ft. | **MORGAN HILL DISCOUNT CLEANER**
16990 MONTEREY RD
MORGAN HILL, CA 95037 | **LUST DRYCLEANERS HIST CORTESE** | **S102432778 N/A**

Site 2 of 4 in cluster P

Relative: Higher

Actual: 342 ft.

LUST:

Name:	DON LOVE EXXON
Address:	16990 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 95037
Lead Agency:	SANTA CLARA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608569527
Global Id:	T0608569527
Latitude:	37.1250897071261
Longitude:	-121.649467532215
Status:	Completed - Case Closed
Status Date:	04/29/1994
Case Worker:	UST
RB Case Number:	3383
Local Agency:	SANTA CLARA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608569527
Contact Type:	Local Agency Caseworker
Contact Name:	UST CASE WORKER
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 Berger Drive, Suite 300
City:	SAN JOSE
Email:	Not reported
Phone Number:	4089183400

LUST:

Global Id:	T0608569527
Action Type:	RESPONSE
Date:	06/18/1992
Action:	Other Report / Document
Global Id:	T0608569527
Action Type:	Other
Date:	08/07/1987
Action:	Leak Reported
Global Id:	T0608569527
Action Type:	REMEDIATION
Date:	09/12/1989
Action:	Excavation
Global Id:	T0608569527
Action Type:	REMEDIATION
Date:	09/12/1989
Action:	Excavation
Global Id:	T0608569527

DRAFT

MORGAN HILL DISCOUNT CLEANER (Continued) **S102432778**

Action Type: ENFORCEMENT
Date: 04/29/1994
Action: Closure/No Further Action Letter

Global Id: T0608569527
Action Type: ENFORCEMENT
Date: 08/27/1987
Action: Notice of Responsibility - #39224

LUST:
Global Id: T0608569527
Status: Completed - Case Closed
Status Date: 04/29/1994

Global Id: T0608569527
Status: Open - Case Begin Date
Status Date: 06/29/1987

Global Id: T0608569527
Status: Open - Site Assessment
Status Date: 06/29/1987

Global Id: T0608569527
Status: Open - Site Assessment
Status Date: 06/14/1988

LUST SANTA CLARA:
Name: DON LOVE EXXON
Address: 16990 MONTEREY RD
City,State,Zip: MORGAN HILL, CA
Region: SANTA CLARA
SCVWD ID: 09S3E28F04F
Date Closed: 04/29/1994
EDR Link ID: 09S3E28F04F

DRYCLEANERS:
Name: MORGAN HILL DISCOUNT CLEANER
Address: 16990 MONTEREY RD
City,State,Zip: MORGAN HILL, CA 950370000
EPA Id: CAL000267992
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 03/20/2003
Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Owner Name: SATNAM SUMMAN PTNR
Owner Address: 16990 MONTEREY ROAD #130
Owner Address 2: Not reported
Owner Telephone: 4087769915
Contact Name: SATNAM SUMMAN
Contact Address: 16990 MONTEREY ROAD #130
Contact Address 2: Not reported

DRAFT

MORGAN HILL DISCOUNT CLEANER (Continued) **S102432778**

Contact Telephone:	4087769915
Mailing Name:	Not reported
Mailing Address 1:	16990 MONTEREY ST.130
Mailing Address 2:	Not reported
Mailing City:	MORGAN HILL
Mailing State:	CA
Mailing Zip:	950370000
Owner Fax:	0000000000
Region Code:	2

Name:	MORGAN HILL DISCOUNT CLEANER
Address:	16990 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 950370000
EPA Id:	CAR000048751
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	04/28/1999
Facility Active:	No
Inactive Date:	06/30/2001
Facility Addr2:	Not reported
Owner Name:	SATNAM SUMMAN PTNR
Owner Address:	16990 MONTEREY RD
Owner Address 2:	Not reported
Owner Telephone:	4087769915
Contact Name:	SATNAM SUMMAN
Contact Address:	--
Contact Address 2:	Not reported
Contact Telephone:	4087769915
Mailing Name:	Not reported
Mailing Address 1:	16990 MONTEREY ROAD #130
Mailing Address 2:	Not reported
Mailing City:	MORGAN HILL
Mailing State:	CA
Mailing Zip:	950370000
Owner Fax:	Not reported
Region Code:	2

HIST CORTESE:

edr_fname:	LOVE/EXXON/GIANCOLA
edr_fadd1:	16990 MONTEREY
City,State,Zip:	MORGAN HILL, CA
Region:	CORTESE
Facility County Code:	43
Reg By:	LTNKA
Reg Id:	587

DRAFT

Q96 SSE 1/4-1/2 0.311 mi. 1641 ft. | **SABEK GAS STATION 16270 MONTEREY ROAD MORGAN HILL, CA 95037** | **LUST Cortese HIST CORTESE CERS** | **S104164440 N/A**

Site 1 of 2 in cluster Q

Relative: Lower

Actual: 333 ft.

LUST:

Name:	SABEK GAS STATION
Address:	16270 MONTEREY ROAD
City,State,Zip:	MORGAN HILL, CA 95037
Lead Agency:	SANTA CLARA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608578682
Global Id:	T0608578682
Latitude:	37.1165475731086
Longitude:	-121.644621491432
Status:	Open - Verification Monitoring
Status Date:	09/28/2016
Case Worker:	GOR
RB Case Number:	3399
Local Agency:	SANTA CLARA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	09S3E28Q01f
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Benzene, Gasoline, MTBE / TBA / Other Fuel Oxygenates
Site History:	1987 - during installation of an aspirating UST monitoring system, gas a(2,400 ppm) nd diesel (395 ppm) were reported at 12 ft in soil near the file lines. 3 wells were installed and confirmed soil contamination and groudwater contamination. 8/29/88 Cleanup and Abatement Order No. 89-112 was issued for the site. 5/91 the USTs were removed from the site and gasoline station demolished. Approximately 440 cubic yards of soil were removed from the site at this time. 1995 - CAP prepared and recommended air-sparge, soil vapor extraction and groundwater extraction to remediate the site, but was not implemented. By 1987, groundwater at the site had risen to 20 ft bgs. 1998 approximately 120 pounds of Oxygen Releasing Compound (ORC) was added to well EW1 and 10 pounds to well MW5. March 2003, approximately 274 tons of soil were removed in the area of the former USTs. In December 2007 an ozone sparge system was started onsite. There are currently 13 active groundwater monitoring wells, 6 ozone sparge wells, and 15 destroyed monitoring wells. The site is occupied by the Sno-White Drive In restaurant and a commercial building. In 12/10, additional soil borings were advanced on the Sno-White Drive In property to evaluate conditions between the former UST location and well MW5. Found soil and groundwater contamination between the source area and well MW5 concentrated from 40-47 ft bgs, which is below the dephts of shallow borings and wells previously drilled onsite.

LUST:

Global Id:	T0608578682
Contact Type:	Local Agency Caseworker
Contact Name:	Gerald O'Regan
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 BERGER DRIVE STE 300
City:	SAN JOSE
Email:	gerald.o'regan@deh.sccgov.org
Phone Number:	Not reported

Global Id:	T0608578682

Draft

SABEK GAS STATION (Continued) **S104164440**

Contact Type:	Regional Board Caseworker
Contact Name:	WEI LIU
Organization Name:	CENTRAL COAST RWQCB (REGION 3)
Address:	895 AEROVISTA PLACE, SUITE 101
City:	SAN LUIS OBISPO
Email:	wei.liu@waterboards.ca.gov
Phone Number:	8055493147

LUST:

Global Id:	T0608578682
Action Type:	ENFORCEMENT
Date:	08/26/2014
Action:	Staff Letter
Global Id:	T0608578682
Action Type:	RESPONSE
Date:	04/30/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608578682
Action Type:	RESPONSE
Date:	10/30/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608578682
Action Type:	RESPONSE
Date:	05/08/2018
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0608578682
Action Type:	RESPONSE
Date:	07/30/2018
Action:	Monitoring Report - Quarterly
Global Id:	T0608578682
Action Type:	RESPONSE
Date:	05/22/1998
Action:	Request for Closure
Global Id:	T0608578682
Action Type:	RESPONSE
Date:	01/31/2003
Action:	Other Report / Document
Global Id:	T0608578682
Action Type:	RESPONSE
Date:	01/23/1995
Action:	Well Installation Report
Global Id:	T0608578682
Action Type:	ENFORCEMENT
Date:	04/12/2006
Action:	Staff Letter - #061204
Global Id:	T0608578682
Action Type:	ENFORCEMENT
Date:	10/30/2007

DRAFT

SABEK GAS STATION (Continued) **S104164440**

Action: Staff Letter - #700301

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 07/31/2007
Action: Staff Letter - #70137

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 10/18/1990
Action: Clean-up and Abatement Order - #39226

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 06/16/1998
Action: Staff Letter - #18575

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 01/27/1999
Action: Staff Letter - #18578

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 07/09/1999
Action: Staff Letter - #18582

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 11/24/2003
Action: Staff Letter - #43483

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 04/11/2005
Action: Staff Letter - #501140

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 06/09/2005
Action: Staff Letter - #5096

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 10/14/2005
Action: Staff Letter - #504101

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 11/17/2005
Action: Staff Letter - #507111

Global Id: T0608578682
Action Type: RESPONSE
Date: 01/16/2012
Action: Well Installation Report

DRAFT

SABEK GAS STATION (Continued) **S104164440**

Global Id: T0608578682
Action Type: RESPONSE
Date: 09/01/1995
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608578682
Action Type: RESPONSE
Date: 03/28/2006
Action: Other Report / Document

Global Id: T0608578682
Action Type: Other
Date: 05/15/1991
Action: Leak Stopped

Global Id: T0608578682
Action Type: RESPONSE
Date: 10/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608578682
Action Type: RESPONSE
Date: 04/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608578682
Action Type: RESPONSE
Date: 11/30/2012
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608578682
Action Type: RESPONSE
Date: 03/31/2011
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0608578682
Action Type: RESPONSE
Date: 05/13/2011
Action: Well Installation Workplan - Regulator Responded

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 08/29/2016
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 11/18/2016
Action: Staff Letter

Global Id: T0608578682
Action Type: RESPONSE
Date: 05/30/1991
Action: Other Report / Document

Global Id: T0608578682
Action Type: RESPONSE

DRAFT

SABEK GAS STATION (Continued) **S104164440**

Date: 11/16/2013
Action: Other Report / Document

Global Id: T0608578682
Action Type: RESPONSE
Date: 06/13/1990
Action: Soil and Water Investigation Report

Global Id: T0608578682
Action Type: RESPONSE
Date: 03/21/2013
Action: Request for Closure - Regulator Responded

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 11/14/2008
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 12/23/2008
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 05/01/2015
Action: Staff Letter

Global Id: T0608578682
Action Type: RESPONSE
Date: 01/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 03/24/2013
Action: Other Workplan

Global Id: T0608578682
Action Type: RESPONSE
Date: 07/07/2015
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0608578682
Action Type: RESPONSE
Date: 07/03/1990
Action: Other Report / Document

Global Id: T0608578682
Action Type: RESPONSE
Date: 06/03/2005
Action: Other Report / Document

Global Id: T0608578682
Action Type: RESPONSE
Date: 03/26/1990
Action: Other Workplan

DRAFT

SABEK GAS STATION (Continued) **S104164440**

Global Id: T0608578682
Action Type: RESPONSE
Date: 10/30/2018
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 04/30/2019
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 12/06/2012
Action: Other Report / Document

Global Id: T0608578682
Action Type: RESPONSE
Date: 05/01/1993
Action: Other Report / Document

Global Id: T0608578682
Action Type: RESPONSE
Date: 06/04/2001
Action: Well Destruction Report

Global Id: T0608578682
Action Type: RESPONSE
Date: 12/06/2012
Action: Request for Closure - Regulator Responded

Global Id: T0608578682
Action Type: RESPONSE
Date: 07/27/2015
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

Global Id: T0608578682
Action Type: RESPONSE
Date: 08/21/2014
Action: Interim Remedial Action Plan - Regulator Responded

Global Id: T0608578682
Action Type: RESPONSE
Date: 07/06/2015
Action: Site Investigation Workplan - Regulator Responded

Global Id: T0608578682
Action Type: RESPONSE
Date: 11/13/2015
Action: Site Assessment Report - Regulator Responded

Global Id: T0608578682
Action Type: RESPONSE
Date: 07/11/2014
Action: Other Workplan - Regulator Responded

Global Id: T0608578682
Action Type: RESPONSE

DRAFT

SABEK GAS STATION (Continued) **S104164440**

Date: 08/08/2014
Action: Pilot Study / Treatability Workplan - Regulator Responded

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 03/17/2009
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 04/09/2009
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 12/08/2015
Action: Staff Letter

Global Id: T0608578682
Action Type: Other
Date: 01/25/1988
Action: Leak Reported

Global Id: T0608578682
Action Type: RESPONSE
Date: 04/24/2009
Action: Other Report / Document

Global Id: T0608578682
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 10/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 01/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 03/15/2006
Action: Other Report / Document

Global Id: T0608578682
Action Type: RESPONSE
Date: 04/30/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0608578682
Action Type: RESPONSE
Date: 10/30/2013
Action: Monitoring Report - Semi-Annually

DRAFT

SABEK GAS STATION (Continued) **S104164440**

Global Id: T0608578682
Action Type: RESPONSE
Date: 04/30/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0608578682
Action Type: RESPONSE
Date: 10/30/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0608578682
Action Type: RESPONSE
Date: 02/08/2018
Action: Remedial Progress Report - Regulator Responded

Global Id: T0608578682
Action Type: RESPONSE
Date: 03/17/2017
Action: Other Report / Document - Regulator Responded

Global Id: T0608578682
Action Type: RESPONSE
Date: 02/23/2018
Action: Interim Remedial Action Plan - Regulator Responded

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 07/22/2009
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 06/03/2005
Action: Other Report

Global Id: T0608578682
Action Type: RESPONSE
Date: 04/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 10/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 12/30/2008
Action: Other Workplan

Global Id: T0608578682
Action Type: RESPONSE
Date: 01/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE

DRAFT

SABEK GAS STATION (Continued) **S104164440**

Date: 02/29/2008
Action: Other Report / Document

Global Id: T0608578682
Action Type: RESPONSE
Date: 07/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 03/15/1999
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 07/31/1998
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 03/01/2004
Action: Soil and Water Investigation Workplan

Global Id: T0608578682
Action Type: RESPONSE
Date: 03/01/2004
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 10/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 07/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 10/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 05/23/2005
Action: Soil and Water Investigation Workplan

Global Id: T0608578682
Action Type: RESPONSE
Date: 03/28/2006
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608578682
Action Type: RESPONSE
Date: 10/31/2008
Action: Monitoring Report - Quarterly

DRAFT

SABEK GAS STATION (Continued) **S104164440**

Global Id: T0608578682
Action Type: RESPONSE
Date: 10/31/2016
Action: Other Report / Document - Regulator Responded

Global Id: T0608578682
Action Type: REMEDIATION
Date: 03/01/2003
Action: Excavation

Global Id: T0608578682
Action Type: REMEDIATION
Date: 09/01/1995
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0608578682
Action Type: REMEDIATION
Date: 05/01/1991
Action: Excavation

Global Id: T0608578682
Action Type: REMEDIATION
Date: 01/01/1998
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0608578682
Action Type: REMEDIATION
Date: 09/08/2006
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 09/23/2009
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 11/22/2010
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 04/28/2010
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 05/24/2011
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 09/13/2011
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT

DRAFT

SABEK GAS STATION (Continued) **S104164440**

Date: 09/13/2010
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 08/03/2011
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 03/28/2011
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 03/15/2012
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 04/23/2013
Action: Staff Letter - #SWRCB

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 06/05/2012
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 04/23/2013
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 11/08/2013
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 01/09/2013
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 03/21/2013
Action: Petition Submitted for Review

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 10/18/2013
Action: Notification - Public Participation Document

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 02/20/2018
Action: Staff Letter

DRAFT

SABEK GAS STATION (Continued) **S104164440**

Global Id: T0608578682
Action Type: RESPONSE
Date: 07/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 08/24/2009
Action: Soil and Water Investigation Report

Global Id: T0608578682
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 10/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 11/07/2005
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608578682
Action Type: RESPONSE
Date: 07/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 01/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 07/16/1999
Action: Remedial Progress Report

Global Id: T0608578682
Action Type: RESPONSE
Date: 04/27/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0608578682
Action Type: RESPONSE

DRAFT

SABEK GAS STATION (Continued) **S104164440**

Date: 07/30/2015
Action: Monitoring Report - Other

Global Id: T0608578682
Action Type: RESPONSE
Date: 01/08/2016
Action: Verbal Communication

Global Id: T0608578682
Action Type: RESPONSE
Date: 01/01/1989
Action: Correspondence

Global Id: T0608578682
Action Type: RESPONSE
Date: 10/03/2006
Action: Other Report / Document

Global Id: T0608578682
Action Type: RESPONSE
Date: 01/22/1990
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 12/06/2001
Action: Well Destruction Report

Global Id: T0608578682
Action Type: RESPONSE
Date: 01/30/2019
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 01/07/2013
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 05/29/2014
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 12/31/2014
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 06/20/2014
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 07/10/2015
Action: Staff Letter

DRAFT

SABEK GAS STATION (Continued) **S104164440**

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 08/15/2014
Action: Staff Letter

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 11/13/2017
Action: Staff Letter

Global Id: T0608578682
Action Type: RESPONSE
Date: 07/30/2010
Action: Remedial Progress Report

Global Id: T0608578682
Action Type: RESPONSE
Date: 07/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 06/04/2015
Action: Email Correspondence

Global Id: T0608578682
Action Type: RESPONSE
Date: 10/30/2015
Action: Monitoring Report - Other

Global Id: T0608578682
Action Type: REMEDIATION
Date: 10/30/2014
Action: Soil Vapor Extraction (SVE)

Global Id: T0608578682
Action Type: Other
Date: 06/01/1987
Action: Leak Discovery

Global Id: T0608578682
Action Type: RESPONSE
Date: 01/30/2015
Action: Monitoring Report - Quarterly

Global Id: T0608578682
Action Type: RESPONSE
Date: 07/06/2015
Action: Remedial Progress Report

Global Id: T0608578682
Action Type: RESPONSE
Date: 01/30/2015
Action: Pilot Study/ Treatability Report

Global Id: T0608578682
Action Type: RESPONSE

DRAFT

SABEK GAS STATION (Continued) **S104164440**

Date: 12/05/2015
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608578682
Action Type: RESPONSE
Date: 03/01/1993
Action: CAP/RAP - Other Report

Global Id: T0608578682
Action Type: RESPONSE
Date: 05/29/1990
Action: Preliminary Site Assessment Report

Global Id: T0608578682
Action Type: RESPONSE
Date: 05/08/1998
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608578682
Action Type: RESPONSE
Date: 06/04/2001
Action: Other Report / Document

Global Id: T0608578682
Action Type: RESPONSE
Date: 11/29/2016
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0608578682
Action Type: ENFORCEMENT
Date: 02/09/2006
Action: Staff Letter - #6092

LUST:
Global Id: T0608578682
Status: Open - Case Begin Date
Status Date: 06/01/1987

Global Id: T0608578682
Status: Open - Remediation
Status Date: 04/12/2006

Global Id: T0608578682
Status: Open - Site Assessment
Status Date: 11/10/1987

Global Id: T0608578682
Status: Open - Site Assessment
Status Date: 02/23/2004

Global Id: T0608578682
Status: Open - Site Assessment
Status Date: 05/17/2005

Global Id: T0608578682
Status: Open - Verification Monitoring
Status Date: 09/28/2016

DRAFT

SABEK GAS STATION (Continued) **S104164440**

LUST SANTA CLARA:

Name:	SABEK GAS STATION
Address:	16270 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA
Region:	SANTA CLARA
SCVWD ID:	09S3E28Q01F
Date Closed:	Not reported
EDR Link ID:	09S3E28Q01F

CORTESE:

Name:	SABEK GAS STATION
Address:	16270 MONTEREY ROAD
City,State,Zip:	MORGAN HILL, CA 95037
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608578682
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	OPEN - VERIFICATION MONITORING
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	SABEK/SABERI/CAVA
edr_fadd1:	16270 MONTEREY
City,State,Zip:	MORGAN HILL, CA 95037
Region:	CORTESE
Facility County Code:	43
Reg By:	LTNKA
Reg Id:	588

CERS:

Name:	SABEK GAS STATION
Address:	16270 MONTEREY ROAD
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	253492
CERS ID:	T0608578682
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	WEI LIU - CENTRAL COAST RWQCB (REGION 3)
Entity Title:	Not reported

DRAFT

SABEK GAS STATION (Continued) **S104164440**

Affiliation Address:	895 AEROVISTA PLACE, SUITE 101
Affiliation City:	SAN LUIS OBISPO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	8055493147
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	Gerald O'Regan - SANTA CLARA COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1555 BERGER DRIVE STE 300
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Q97 SSE 1/4-1/2 0.311 mi. 1641 ft. **SABEK GAS STATION 16270 MONTEREY RD MORGAN HILL, CA 95037** **LUST HIST LUST HIST UST** **S104542022 N/A**

Site 2 of 2 in cluster Q

Relative: Lower

Actual: 333 ft.

LUST REG 3:

Region:	3
Regional Board:	Central Coast Region
Facility County:	Santa Clara
Global ID:	T0608578682
Status:	Pollution Characterization
Case Number:	3399
Local Case Num:	09S3E28Q01f
Case Type:	A
Substance:	Gasoline
Quantity:	Not reported
Abatement Method:	Not reported
Leak Source:	Not reported
Leak Cause:	Not reported
How Stopped:	Not reported
How Discovered:	Not reported
Release Date:	01/25/1988
Discovered Date:	Not reported
Enter Date:	/ /
Stop Date:	Not reported
Review Date:	/ /
Enforce Date:	Not reported
Close Date:	Not reported
Enforcement Type:	SEL
Responsible Party:	Not reported
RP Address:	Not reported
Contact:	Not reported
Cross Street:	Not reported
Local Agency:	43099L
Lead Agency:	Local Agency
Staff Initials:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	11/10/87

DRAFT

SABEK GAS STATION (Continued) **S104542022**

Pollution Char: 11/10/1987
Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: / /
Pilot Program: LUST
Interim Action: Not reported
Funding: Not reported
MTBE Class: B
Max MTBE Grnd Wtr: 620
Max MTBE Soil: Not reported
Max MTBE Data: 09/24/2001
MTBE Tested: YES
Lat/Long: 37.1115141 / -121.64163
Soil Qualifier: Not reported
Grnd Wtr Qualifier: =
Mtbe Concentratn: 2
Mtbe Fuel: 1
Org Name: Not reported
Basin Plan: Not reported
Beneficial: MUN
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Distance From Well: 0
Assigned Name: Not reported
Summary: Not reported

HIST LUST SANTA CLARA:
Name: Sabek Gas Station
Address: 16270 Monterey Rd
City: Morgan Hill
Region: SANTA CLARA
Region Code: 3
SCVWD ID: 09S3E28Q01
Oversite Agency: SCCDEH
Date Listed: 1989-01-01 00:00:00
Closed Date: Not reported

HIST UST:
Name: SABEK INC
Address: 16270 MONTEREY ROAD
City,State,Zip: MORGAN HILL, CA 95037
File Number: 00020845
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00020845.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported

DRAFT

SABEK GAS STATION (Continued) **S104542022**

Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

98
North
1/4-1/2
0.320 mi.
1687 ft.

HENDRIX PROPERTY **HIST CORTESE** **S102431303**
150 DUNNE **N/A**
MORGAN HILL, CA 95037

Relative:
Higher

Actual:
344 ft.

HIST CORTESE:

edr_fname:	HENDRIX PROPERTY
edr_fadd1:	150 DUNNE
City,State,Zip:	MORGAN HILL, CA 95037
Region:	CORTESE
Facility County Code:	43
Reg By:	LTNKA
Reg Id:	2096

P99
NW
1/4-1/2
0.322 mi.
1699 ft.

BP FACILITY #11224 **LUST** **S104542019**
16995 MONTEREY RD **HIST LUST** **N/A**
MORGAN HILL, CA 95037

Site 3 of 4 in cluster P

Relative:
Higher

Actual:
342 ft.

LUST REG 3:

Region:	3
Regional Board:	Central Coast Region
Facility County:	Santa Clara
Global ID:	T0608519223
Status:	Pollution Characterization
Case Number:	3378
Local Case Num:	09S3E28F01f
Case Type:	A
Substance:	Gasoline
Quantity:	Not reported
Abatement Method:	Not reported
Leak Source:	Not reported
Leak Cause:	Not reported
How Stopped:	Not reported
How Discovered:	Not reported
Release Date:	05/04/1987
Discovered Date:	Not reported
Enter Date:	/ /
Stop Date:	Not reported
Review Date:	/ /
Enforce Date:	Not reported

DRAFT

BP FACILITY #11224 (Continued) **S104542019**

Close Date: Not reported
Enforcement Type: SEL
Responsible Party: Not reported
RP Address: Not reported
Contact: Not reported
Cross Street: Not reported
Local Agency: 43099L
Lead Agency: Local Agency
Staff Initials: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: 4/29/87
Pollution Char: 07/30/1987
Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: / /
Pilot Program: LUST
Interim Action: Not reported
Funding: Not reported
MTBE Class: A
Max MTBE Grnd Wtr: 4300
Max MTBE Soil: .02
Max MTBE Data: 01/03/1996
MTBE Tested: YES
Lat/Long: 37.1249511 / -121.650208
Soil Qualifier: =
Grnd Wtr Qualifier: =
Mtbe Concentratn: 3
Mtbe Fuel: 1
Org Name: Not reported
Basin Plan: Not reported
Beneficial: MUN
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Distance From Well: 0
Assigned Name: Not reported
Summary: Not reported

HIST LUST SANTA CLARA:
Name: BP Facility #11224
Address: 16995 Monterey Rd
City: Morgan Hill
Region: SANTA CLARA
Region Code: 3
SCVWD ID: 09S3E28F01
Oversite Agency: SCVWD
Date Listed: 1988-01-01 00:00:00
Closed Date: Not reported

DRAFT

P100 NW 1/4-1/2 0.322 mi. 1699 ft. | **BP FACILITY #11224**
16995 MONTEREY
MORGAN HILL, CA 95037

Site 4 of 4 in cluster P

LUST | **S103978411**
Cortese | **N/A**
CUPA Listings
HIST CORTESE
CERS

Relative: Higher

Actual: 342 ft.

LUST:

Name:	BP FACILITY #11224
Address:	16995 MONTEREY
City,State,Zip:	MORGAN HILL, CA 95037
Lead Agency:	SANTA CLARA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608519223
Global Id:	T0608519223
Latitude:	37.1249511
Longitude:	-121.650208
Status:	Open - Verification Monitoring
Status Date:	04/30/2018
Case Worker:	TLF
RB Case Number:	3378
Local Agency:	SANTA CLARA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	09S3E28F01f
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Benzene, Toluene, Xylene, MTBE / TBA / Other Fuel Oxygenates, Gasoline
Site History:	The Site is a former Beacon-branded gasoline retail outlet located at the intersection of Monterey Road and West Dunne Avenue in Morgan Hill, California. BP acquired the property from Mobil Oil Corporation in 1989. In 1994, BP transferred the property to others and has not operated the facility since then. The Site is located in a mixed commercial and residential area. A former Beacon station is located north of the Site across Dunne Avenue, and a former Exxon station was previously located east of the Site across Monterey Road. Two 6,000-gallon and one 8,000-gallon underground storage tanks were removed and replaced in April 1987. Nineteen groundwater monitoring wells (ten on-site wells and nine off-site wells) and two groundwater extraction wells (MW-7 and SW-1) are active at and in the vicinity of the Site. Additionally, seven wells have been decommissioned at and in the vicinity of the Site. Soil boring and well construction details are summarized in Table 1 of the groundwater monitoring report. A groundwater extraction and treatment system (GWETS) operated at the Site from October 2001 to June 2005, in accordance with the National Pollutant Discharge Elimination System (NPDES) Permit No. CAG993002, Order No. R3-2006-0067. The GWETS extracted groundwater from two extraction wells (MW-7 and SW-1), which was treated with granular activated carbon before discharging to the storm drain. The system has not routinely operated since June 2005. The GWETS was briefly restarted on March 22, 2007 to collect effluent samples required by the NPDES permit. Because the dissolved hydrocarbon plume has been relatively stable, the GWETS has remained shut down. In the event that the GWETS is restarted, the Regional Water Quality Control Board will be notified in accordance with the NPDES permit requirements. An analytical data summary as of April 30, 2012, are follows: GRO was detected above analytical method detection limits in groundwater samples collected from nine wells at concentrations ranging from 78 micrograms per liter ("g/L; MW-1) to 11,000 "g/L (SW-1). The highest concentrations of GRO were detected in four wells located in the vicinity of the dispenser islands (MW-2, MW-7, SW-1, and VP-2). GRO concentrations at these wells exhibit

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BP FACILITY #11224 (Continued) **S103978411**

stable to decreasing concentration trends. Benzene was detected in groundwater samples collected from six wells at concentrations ranging from 0.62 "g/L (MW-8) to 1,200 "g/L (SW-1). These six wells are located near the dispenser islands (MW-2, MW-7, MW-8, MW-12, SW-1,and VP-2). Benzene concentrations at these wells continue to exhibit decreasing orstable concentration trends. MTBE was detected in groundwater samples collected from six monitoring wells at concentrations ranging from 2.6 "g/L (MW-10B) to 80 "g/L (SW-1). Similar to GRO and benzene, these wells are located near and downgradient from the dispenser islands. MTBE concentrations at these wells exhibit stable to decreasing concentration trends. Based on the observed groundwater concentration trends, ARCADIS recommends continued semi-annual groundwater monitoring. In the Conceptual Site Model Report (CSM) submitted on September 28, 2011, ARCADIS recommended destroying monitoring wells MW-15 and MW-18 through MW-21. We have yet to receive a response from the County and are therefore requesting again that these wells be destroyed for the reasons stated in the September 28, 2011 CSM.

LUST:

Global Id:	T0608519223
Contact Type:	Local Agency Caseworker
Contact Name:	TRAVIS L. FLORA
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 Berger Dr.
City:	SAN JOSE
Email:	travis.flora@cep.sccgov.org
Phone Number:	4089183486

Global Id:	T0608519223
Contact Type:	Regional Board Caseworker
Contact Name:	WEI LIU
Organization Name:	CENTRAL COAST RWQCB (REGION 3)
Address:	895 AEROVISTA PLACE, SUITE 101
City:	SAN LUIS OBISPO
Email:	wei.liu@waterboards.ca.gov
Phone Number:	8055493147

LUST:

Global Id:	T0608519223
Action Type:	RESPONSE
Date:	07/30/2017
Action:	Monitoring Report - Semi-Annually

Global Id:	T0608519223
Action Type:	RESPONSE
Date:	02/08/1991
Action:	Monitoring Report - Quarterly

Global Id:	T0608519223
Action Type:	RESPONSE
Date:	08/28/1989
Action:	Other Workplan

Global Id:	T0608519223
Action Type:	RESPONSE
Date:	04/30/2018

DRAFT

BP FACILITY #11224 (Continued) **S103978411**

Action: Monitoring Report - Semi-Annually

Global Id: T0608519223
Action Type: RESPONSE
Date: 10/30/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0608519223
Action Type: RESPONSE
Date: 10/31/1996
Action: Well Destruction Report

Global Id: T0608519223
Action Type: RESPONSE
Date: 05/04/1987
Action: Other Report / Document

Global Id: T0608519223
Action Type: Other
Date: 04/02/1987
Action: Leak Stopped

Global Id: T0608519223
Action Type: RESPONSE
Date: 06/16/2016
Action: Email Correspondence

Global Id: T0608519223
Action Type: RESPONSE
Date: 01/30/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0608519223
Action Type: RESPONSE
Date: 07/27/2012
Action: Conceptual Site Model - Regulator Responded

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 10/07/1997
Action: Staff Letter - #18464

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 01/06/2000
Action: Staff Letter - #18469

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 01/12/2001
Action: Staff Letter

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 04/14/2017
Action: Staff Letter

DRAFT

BP FACILITY #11224 (Continued) **S103978411**

Global Id: T0608519223
Action Type: RESPONSE
Date: 05/20/2013
Action: Other Report / Document

Global Id: T0608519223
Action Type: RESPONSE
Date: 10/18/2013
Action: Other Workplan - Regulator Responded

Global Id: T0608519223
Action Type: RESPONSE
Date: 06/07/2013
Action: Preliminary Site Assessment Workplan - Addendum - Regulator Responded

Global Id: T0608519223
Action Type: RESPONSE
Date: 04/09/2004
Action: Monitoring Report - Quarterly

Global Id: T0608519223
Action Type: RESPONSE
Date: 04/01/1993
Action: Other Report / Document

Global Id: T0608519223
Action Type: RESPONSE
Date: 05/20/2004
Action: CAP/RAP - Other Report

Global Id: T0608519223
Action Type: RESPONSE
Date: 01/01/1987
Action: Correspondence

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 06/02/2016
Action: Staff Letter

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 05/17/2016
Action: Staff Letter

Global Id: T0608519223
Action Type: Other
Date: 05/04/1987
Action: Leak Reported

Global Id: T0608519223
Action Type: RESPONSE
Date: 07/20/2008
Action: Monitoring Report - Quarterly

Global Id: T0608519223
Action Type: RESPONSE

DRAFT

BP FACILITY #11224 (Continued) **S103978411**

Date: 09/06/2004
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608519223
Action Type: RESPONSE
Date: 01/08/2001
Action: Soil and Water Investigation Report

Global Id: T0608519223
Action Type: RESPONSE
Date: 08/11/2005
Action: Other Report / Document

Global Id: T0608519223
Action Type: RESPONSE
Date: 12/22/1994
Action: Remedial Progress Report

Global Id: T0608519223
Action Type: RESPONSE
Date: 05/19/2000
Action: Other Report / Document

Global Id: T0608519223
Action Type: RESPONSE
Date: 10/30/2017
Action: Monitoring Report - Semi-Annually - Regulator Responded

Global Id: T0608519223
Action Type: RESPONSE
Date: 12/29/2017
Action: Other Workplan - Regulator Responded

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #9002427

Global Id: T0608519223
Action Type: RESPONSE
Date: 01/20/2009
Action: NPDES / WDR Reports

Global Id: T0608519223
Action Type: RESPONSE
Date: 10/31/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608519223
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608519223
Action Type: RESPONSE
Date: 03/30/2000
Action: Soil and Water Investigation Workplan

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BP FACILITY #11224 (Continued) **S103978411**

Global Id: T0608519223
Action Type: RESPONSE
Date: 06/01/1999
Action: Soil and Water Investigation Report

Global Id: T0608519223
Action Type: RESPONSE
Date: 05/15/2002
Action: Other Report / Document

Global Id: T0608519223
Action Type: RESPONSE
Date: 11/18/1997
Action: Other Report / Document

Global Id: T0608519223
Action Type: RESPONSE
Date: 12/30/1999
Action: Monitoring Report - Quarterly

Global Id: T0608519223
Action Type: RESPONSE
Date: 01/31/2001
Action: Monitoring Report - Quarterly

Global Id: T0608519223
Action Type: RESPONSE
Date: 05/30/2014
Action: Site Assessment Report

Global Id: T0608519223
Action Type: RESPONSE
Date: 04/30/2019
Action: Monitoring Report - Semi-Annually

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 12/16/2011
Action: Letter - Notice

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 03/22/2013
Action: Staff Letter

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 12/18/2006
Action: Staff Letter

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 10/31/2013
Action: Staff Letter

Global Id: T0608519223
Action Type: ENFORCEMENT

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BP FACILITY #11224 (Continued) **S103978411**

Date: 08/22/2013
Action: Staff Letter

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 11/13/2017
Action: Staff Letter

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 01/04/2018
Action: Staff Letter

Global Id: T0608519223
Action Type: RESPONSE
Date: 07/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0608519223
Action Type: RESPONSE
Date: 10/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0608519223
Action Type: RESPONSE
Date: 01/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0608519223
Action Type: RESPONSE
Date: 03/15/2002
Action: Other Report / Document

Global Id: T0608519223
Action Type: RESPONSE
Date: 08/09/2000
Action: Other Report / Document

Global Id: T0608519223
Action Type: RESPONSE
Date: 04/30/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0608519223
Action Type: REMEDIATION
Date: 11/01/1993
Action: Soil Vapor Extraction (SVE)

Global Id: T0608519223
Action Type: REMEDIATION
Date: 10/31/2001
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608519223
Action Type: REMEDIATION
Date: 07/12/2004
Action: Pump & Treat (P&T) Groundwater

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BP FACILITY #11224 (Continued) **S103978411**

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 05/17/2012
Action: Staff Letter

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 02/18/2015
Action: Staff Letter

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 06/22/2015
Action: Staff Letter

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 05/08/2014
Action: Staff Letter

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 06/03/2005
Action: Other Report

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 03/07/2018
Action: Staff Letter

Global Id: T0608519223
Action Type: RESPONSE
Date: 10/18/2015
Action: Site Assessment Report

Global Id: T0608519223
Action Type: RESPONSE
Date: 04/30/2014
Action: Correspondence

Global Id: T0608519223
Action Type: RESPONSE
Date: 07/27/2012
Action: Conceptual Site Model

Global Id: T0608519223
Action Type: RESPONSE
Date: 06/03/2005
Action: Other Report / Document

Global Id: T0608519223
Action Type: RESPONSE
Date: 04/30/2018
Action: Well Installation Report

Global Id: T0608519223
Action Type: Other

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BP FACILITY #11224 (Continued) **S103978411**

Date: 04/02/1987
Action: Leak Discovery

Global Id: T0608519223
Action Type: RESPONSE
Date: 10/21/1988
Action: Other Report / Document

Global Id: T0608519223
Action Type: RESPONSE
Date: 10/19/2000
Action: NPDES / WDR Reports

Global Id: T0608519223
Action Type: RESPONSE
Date: 01/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0608519223
Action Type: RESPONSE
Date: 09/29/1991
Action: Other Report / Document

Global Id: T0608519223
Action Type: RESPONSE
Date: 08/31/1987
Action: Soil and Water Investigation Report

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 11/01/1991
Action: Notice of Responsibility - #39223

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 12/30/1998
Action: Staff Letter - #18467

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 12/22/1999
Action: Staff Letter - #18471

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 10/17/2000
Action: Staff Letter - #18478

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 12/13/2000
Action: Staff Letter - #18485

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 04/11/2001
Action: Staff Letter - #18504

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BP FACILITY #11224 (Continued) **S103978411**

Global Id: T0608519223
Action Type: ENFORCEMENT
Date: 05/18/2004
Action: Staff Letter - #43945

LUST:
Global Id: T0608519223
Status: Open - Case Begin Date
Status Date: 04/29/1987

Global Id: T0608519223
Status: Open - Remediation
Status Date: 07/12/2004

Global Id: T0608519223
Status: Open - Site Assessment
Status Date: 04/29/1987

Global Id: T0608519223
Status: Open - Site Assessment
Status Date: 07/30/1987

Global Id: T0608519223
Status: Open - Site Assessment
Status Date: 09/28/2016

Global Id: T0608519223
Status: Open - Verification Monitoring
Status Date: 04/30/2018

LUST SANTA CLARA:
Name: BP FACILITY #11224
Address: 16995 MONTEREY RD
City,State,Zip: MORGAN HILL, CA
Region: SANTA CLARA
SCVWD ID: 09S3E28F01F
Date Closed: Not reported
EDR Link ID: 09S3E28F01F

CORTESE:
Name: BP FACILITY #11224
Address: 16995 MONTEREY
City,State,Zip: MORGAN HILL, CA 95037
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608519223
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - VERIFICATION MONITORING
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported

DRAFT

BP FACILITY #11224 (Continued) **S103978411**

Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CUPA SANTA CLARA:

Name:	GOLDEN EAGLE GAS
Address:	16995 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2202
Program Description:	GENERATES < 100 KG/YR
Latitude:	37.124961
Longitude:	-121.650296
Record ID:	PR0411775
Facility ID:	FA0271914

Name:	GOLDEN EAGLE GAS
Address:	16995 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2399
Program Description:	UNDERGROUND STORAGE TANK PROGRAM RECORD
Latitude:	37.124961
Longitude:	-121.650296
Record ID:	PR0411645
Facility ID:	FA0271914

Name:	GOLDEN EAGLE GAS
Address:	16995 MONTEREY RD
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Latitude:	37.124961
Longitude:	-121.650296
Record ID:	PR0411646
Facility ID:	FA0271914

HIST CORTESE:

edr_fname:	BP SS#11224
edr_fadd1:	16995 MONTEREY
City,State,Zip:	MORGAN HILL, CA
Region:	CORTESE
Facility County Code:	43
Reg By:	LTNKA
Reg Id:	590

CERS:

Name:	BP FACILITY #11224
Address:	16995 MONTEREY

DRAFT

BP FACILITY #11224 (Continued) **S103978411**

City,State,Zip: MORGAN HILL, CA 95037
Site ID: 204352
CERS ID: T0608519223
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: TRAVIS L. FLORA - SANTA CLARA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1555 Berger Dr.
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 4089183486

Affiliation Type Desc: Regional Board Caseworker
Entity Name: WEI LIU - CENTRAL COAST RWQCB (REGION 3)
Entity Title: Not reported
Affiliation Address: 895 AEROVISTA PLACE, SUITE 101
Affiliation City: SAN LUIS OBISPO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 8055493147

R101 **KWIK SERVE GAS & AUTO** **LUST** **S103881432**
NW **17015 MONTEREY RD** **HIST LUST** **N/A**
1/4-1/2 **MORGAN HILL, CA 95037** **CUPA Listings**
0.348 mi. **CERS**
1840 ft. **Site 1 of 2 in cluster R**

Relative: Higher
Actual: 343 ft.

LUST:
Name: UNOCAL #6169
Address: 17015 MONTEREY ST
City,State,Zip: MORGAN HILL, CA 95037
Lead Agency: SANTA CLARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500036
Global Id: T0608500036
Latitude: 37.1253548
Longitude: -121.6505356
Status: Completed - Case Closed
Status Date: 06/27/1996
Case Worker: UST
RB Case Number: 2717
Local Agency: SANTA CLARA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608500036
Contact Type: Regional Board Caseworker
Contact Name: RB3 STAFF
Organization Name: CENTRAL COAST RWQCB (REGION 3)

DRAFT

KWIK SERVE GAS & AUTO (Continued) **S103881432**

Address:	895 AEROVISTA PL, SUITE 101
City:	SAN LUIS OBISPO
Email:	centralcoast@waterboards.ca.gov
Phone Number:	8055493147

Global Id:	T0608500036
Contact Type:	Local Agency Caseworker
Contact Name:	UST CASE WORKER
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 Berger Drive, Suite 300
City:	SAN JOSE
Email:	Not reported
Phone Number:	4089183400

LUST:

Global Id:	T0608500036
Action Type:	Other
Date:	01/01/1989
Action:	Leak Reported

Global Id:	T0608500036
Action Type:	ENFORCEMENT
Date:	06/27/1996
Action:	Closure/No Further Action Letter

Global Id:	T0608500036
Action Type:	RESPONSE
Date:	06/27/1996
Action:	Other Report / Document

LUST:

Global Id:	T0608500036
Status:	Completed - Case Closed
Status Date:	06/27/1996

Global Id:	T0608500036
Status:	Open - Case Begin Date
Status Date:	01/01/1989

Name:	UNOCAL #6169
Address:	17015 MONTEREY
City,State,Zip:	MORGAN HILL, CA 95037
Lead Agency:	SANTA CLARA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608543406
Global Id:	T0608543406
Latitude:	37.125361
Longitude:	-121.650779
Status:	Completed - Case Closed
Status Date:	06/19/2006
Case Worker:	Not reported
RB Case Number:	2717
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	09S3E28C03f

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KWIK SERVE GAS & AUTO (Continued) **S103881432**

Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608543406
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608543406
Action Type: RESPONSE
Date: 10/25/2005
Action: Other Report / Document

Global Id: T0608543406
Action Type: ENFORCEMENT
Date: 06/19/2006
Action: Closure/No Further Action Letter - #60916

Global Id: T0608543406
Action Type: ENFORCEMENT
Date: 06/04/2003
Action: Notice of Responsibility - #41480

Global Id: T0608543406
Action Type: ENFORCEMENT
Date: 02/18/2004
Action: Staff Letter - #43169

Global Id: T0608543406
Action Type: ENFORCEMENT
Date: 06/01/2004
Action: Staff Letter - #44042

Global Id: T0608543406
Action Type: ENFORCEMENT
Date: 12/17/2003
Action: Staff Letter - #42748

Global Id: T0608543406
Action Type: RESPONSE
Date: 12/20/2004
Action: Monitoring Report - Quarterly

Global Id: T0608543406
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608543406
Action Type: Other

DRAFT

KWIK SERVE GAS & AUTO (Continued) **S103881432**

Date: 02/05/2003
Action: Leak Reported

Global Id: T0608543406
Action Type: RESPONSE
Date: 09/20/2004
Action: Monitoring Report - Quarterly

Global Id: T0608543406
Action Type: RESPONSE
Date: 01/30/2004
Action: Soil and Water Investigation Workplan

Global Id: T0608543406
Action Type: RESPONSE
Date: 05/18/2004
Action: Soil and Water Investigation Report

Global Id: T0608543406
Action Type: REMEDIATION
Date: 04/20/2004
Action: Monitored Natural Attenuation

Global Id: T0608543406
Action Type: RESPONSE
Date: 06/19/2006
Action: Other Report / Document

Global Id: T0608543406
Action Type: RESPONSE
Date: 08/13/2002
Action: Correspondence

LUST:
Global Id: T0608543406
Status: Completed - Case Closed
Status Date: 06/19/2006

Global Id: T0608543406
Status: Open - Case Begin Date
Status Date: 12/11/2002

Global Id: T0608543406
Status: Open - Site Assessment
Status Date: 12/11/2002

Global Id: T0608543406
Status: Open - Site Assessment
Status Date: 12/17/2003

Global Id: T0608543406
Status: Open - Verification Monitoring
Status Date: 04/20/2004

LUST REG 2:

DRAFT

KWIK SERVE GAS & AUTO (Continued) **S103881432**

Region: 2
Facility Id: Not reported
Facility Status: Not reported
Case Number: 09S3E28C03f
How Discovered: Not reported
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST REG 3:
Region: 3
Regional Board: Central Coast Region
Facility County: Santa Clara
Global ID: T0608500036
Status: Case Closed
Case Number: 2717
Local Case Num: 09S3E28F02f
Case Type: S
Substance: Gasoline
Quantity: Not reported
Abatement Method: Not reported
Leak Source: Not reported
Leak Cause: Not reported
How Stopped: Not reported
How Discovered: Not reported
Release Date: 01/01/1989
Discovered Date: Not reported
Enter Date: / /
Stop Date: Not reported
Review Date: / /
Enforce Date: Not reported
Close Date: 6/27/96
Enforcement Type: Not reported
Responsible Party: Not reported
RP Address: Not reported
Contact: Not reported
Cross Street: Not reported
Local Agency: 43099L
Lead Agency: Local Agency
Staff Initials: JHM
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: / /
Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: / /
Pilot Program: LUST
Interim Action: Not reported
Funding: Not reported

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KWIK SERVE GAS & AUTO (Continued) **S103881432**

MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: NT
Lat/Long: 37.1253548 / -121.6505356
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 0
Mtbe Fuel: 1
Org Name: Not reported
Basin Plan: Not reported
Beneficial: MUN
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: CITY OF MORGAN HILL
Well Name: DIANA WELL 01
Distance From Well: 0
Assigned Name: 09S/03E-28B02 M
Summary: Not reported

LUST SANTA CLARA:
Name: UNOCAL #6169
Address: 17015 MONTEREY ST
City,State,Zip: MORGAN HILL, CA
Region: SANTA CLARA
SCVWD ID: 09S3E28C03F
Date Closed: 06/19/2006
EDR Link ID: 09S3E28C03F

Name: UNOCAL #6169
Address: 17015 MONTEREY ST
City,State,Zip: MORGAN HILL, CA
Region: SANTA CLARA
SCVWD ID: 09S3E28F02F
Date Closed: 06/27/1996
EDR Link ID: 09S3E28F02F

HIST LUST SANTA CLARA:
Name: Unocal #6169
Address: 17015 Monterey St
City: Morgan Hill
Region: SANTA CLARA
Region Code: 3
SCVWD ID: 09S3E28C03
Oversite Agency: SCCDEH
Date Listed: 2003-06-03 00:00:00
Closed Date: Not reported

Name: Unocal #6169
Address: 17015 Monterey St
City: Morgan Hill
Region: SANTA CLARA
Region Code: 3

DRAFT

KWIK SERVE GAS & AUTO (Continued) **S103881432**

SCVWD ID: 09S3E28F02
Oversite Agency: SCVWD
Date Listed: 1990-08-15 00:00:00
Closed Date: 1996-06-27 00:00:00

CUPA SANTA CLARA:

Name: KWIK SERVE GAS & AUTO
Address: 17015 MONTEREY RD
City,State,Zip: MORGAN HILL, CA 95037
Region: SANTA CLARA
PE#: 2240
Program Description: GENERATES < 10 GAL/YR
Latitude: 37.125396
Longitude: -121.650475
Record ID: PR0385326
Facility ID: FA0262462

Name: KWIK SERVE GAS & AUTO
Address: 17015 MONTEREY RD
City,State,Zip: MORGAN HILL, CA 95037
Region: SANTA CLARA
PE#: Not reported
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Latitude: 37.125396
Longitude: -121.650475
Record ID: PR0385329
Facility ID: FA0262462

Name: KWIK SERVE GAS & AUTO
Address: 17015 MONTEREY RD
City,State,Zip: MORGAN HILL, CA 95037
Region: SANTA CLARA
PE#: 2399
Program Description: UNDERGROUND STORAGE TANK PROGRAM RECORD
Latitude: 37.125396
Longitude: -121.650475
Record ID: PR0411647
Facility ID: FA0262462

CERS:

Name: UNOCAL #6169
Address: 17015 MONTEREY ST
City,State,Zip: MORGAN HILL, CA 95037
Site ID: 222697
CERS ID: T0608500036
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: RB3 STAFF - CENTRAL COAST RWQCB (REGION 3)
Entity Title: Not reported
Affiliation Address: 895 AEROVISTA PL, SUITE 101
Affiliation City: SAN LUIS OBISPO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 8055493147

DRAFT

KWIK SERVE GAS & AUTO (Continued) **S103881432**

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	UST CASE WORKER - SANTA CLARA COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	4089183400

Name:	UNOCAL #6169
Address:	17015 MONTEREY
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	226606
CERS ID:	T0608543406
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

R102 **DON LOVE AUTO** **LUST** **S104542018**
NW **17090 MONTEREY HWY** **HIST LUST** **N/A**
1/4-1/2 **MORGAN HILL, CA 95037** **HIST CORTESE**
0.371 mi. **CERS**
1961 ft. **Site 2 of 2 in cluster R**

Relative: Higher

Actual: 344 ft.

LUST:

Name:	DON LOVE AUTO
Address:	17090 MONTEREY HWY
City,State,Zip:	MORGAN HILL, CA 95037
Lead Agency:	SANTA CLARA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608515837
Global Id:	T0608515837
Latitude:	37.126226
Longitude:	-121.650976
Status:	Completed - Case Closed
Status Date:	01/05/1998
Case Worker:	UST
RB Case Number:	3382
Local Agency:	SANTA CLARA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608515837

DRAFT

DON LOVE AUTO (Continued) **S104542018**

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

LUST:
Global Id: T0608515837
Action Type: RESPONSE
Date: 01/15/1996
Action: Monitoring Report - Quarterly

Global Id: T0608515837
Action Type: Other
Date: 07/09/1992
Action: Leak Reported

Global Id: T0608515837
Action Type: ENFORCEMENT
Date: 05/24/1996
Action: Notice of Responsibility - #39221

Global Id: T0608515837
Action Type: ENFORCEMENT
Date: 11/22/1995
Action: Staff Letter - #18456

Global Id: T0608515837
Action Type: REMEDIATION
Date: 01/01/1998
Action: Excavation

Global Id: T0608515837
Action Type: ENFORCEMENT
Date: 01/05/1998
Action: Closure/No Further Action Letter

Global Id: T0608515837
Action Type: RESPONSE
Date: 01/05/1998
Action: Other Report / Document

LUST:
Global Id: T0608515837
Status: Completed - Case Closed
Status Date: 01/05/1998

Global Id: T0608515837
Status: Open - Case Begin Date
Status Date: 05/31/1983

Global Id: T0608515837
Status: Open - Site Assessment
Status Date: 05/31/1983

DRAFT

DON LOVE AUTO (Continued) **S104542018**

Global Id: T0608515837
Status: Open - Site Assessment
Status Date: 06/29/1987

LUST REG 3:

Region:	3
Regional Board:	Central Coast Region
Facility County:	Santa Clara
Global ID:	T0608515837
Status:	Case Closed
Case Number:	3382
Local Case Num:	09S3E28C01f
Case Type:	A
Substance:	Gasoline
Quantity:	Not reported
Abatement Method:	Not reported
Leak Source:	Not reported
Leak Cause:	Not reported
How Stopped:	Not reported
How Discovered:	Not reported
Release Date:	07/09/1992
Discovered Date:	Not reported
Enter Date:	/ /
Stop Date:	Not reported
Review Date:	/ /
Enforce Date:	Not reported
Close Date:	1/5/98
Enforcement Type:	NOR
Responsible Party:	Not reported
RP Address:	Not reported
Contact:	Not reported
Cross Street:	Not reported
Local Agency:	43099L
Lead Agency:	Local Agency
Staff Initials:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	5/31/83
Pollution Char:	06/29/1987
Remedial Plan:	Not reported
Remedial Action:	Not reported
Monitoring:	/ /
Pilot Program:	LUST
Interim Action:	Not reported
Funding:	Not reported
MTBE Class:	Not reported
Max MTBE Grnd Wtr:	16
Max MTBE Soil:	0
Max MTBE Data:	11/09/1996
MTBE Tested:	YES
Lat/Long:	37.126226 / -121.650976
Soil Qualifier:	=
Grnd Wtr Qualifier:	=
Mtbe Concentratn:	3
Mtbe Fuel:	1
Org Name:	Not reported

DRAFT

DON LOVE AUTO (Continued) **S104542018**

Basin Plan: Not reported
Beneficial: MUN
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Distance From Well: 0
Assigned Name: Not reported
Summary: Not reported

LUST SANTA CLARA:
Name: DON LOVE AUTO
Address: 17090 MONTEREY HWY
City,State,Zip: MORGAN HILL, CA
Region: SANTA CLARA
SCVWD ID: 09S3E28C01F
Date Closed: 01/05/1998
EDR Link ID: 09S3E28C01F

HIST LUST SANTA CLARA:
Name: Don Love Auto
Address: 17090 Monterey Hwy
City: Morgan Hill
Region: SANTA CLARA
Region Code: 3
SCVWD ID: 09S3E28C01
Oversite Agency: SCVWD
Date Listed: 1993-01-01 00:00:00
Closed Date: 1998-01-05 00:00:00

HIST CORTESE:
edr_fname: LOVE/AUTO SERVICE
edr_fadd1: 17090 MONTEREY
City,State,Zip: MORGAN HILL, CA 95037
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 586

CERS:
Name: DON LOVE AUTO
Address: 17090 MONTEREY HWY
City,State,Zip: MORGAN HILL, CA 95037
Site ID: 211322
CERS ID: T0608515837
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: UST CASE WORKER - SANTA CLARA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: SAN JOSE
Affiliation State: CA

DRAFT

DON LOVE AUTO (Continued) **S104542018**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 4089183400

S103 **MORGAN HILL CORPORATION YARD** **LUST** **S104542023**
SSE **105 EDES CT** **HIST LUST** **N/A**
1/4-1/2 **MORGAN HILL, CA 95037**
0.382 mi.
2017 ft. **Site 1 of 2 in cluster S**

Relative:
Lower

Actual:
333 ft.

LUST REG 3:

Region:	3
Regional Board:	Central Coast Region
Facility County:	Santa Clara
Global ID:	T0608500041
Status:	Preliminary site assessment underway
Case Number:	2827
Local Case Num:	09S3E33B01f
Case Type:	A
Substance:	Gasoline
Quantity:	Not reported
Abatement Method:	Not reported
Leak Source:	Not reported
Leak Cause:	Not reported
How Stopped:	Not reported
How Discovered:	Not reported
Release Date:	07/17/1995
Discovered Date:	Not reported
Enter Date:	/ /
Stop Date:	Not reported
Review Date:	/ /
Enforce Date:	Not reported
Close Date:	Not reported
Enforcement Type:	SEL
Responsible Party:	Not reported
RP Address:	Not reported
Contact:	Not reported
Cross Street:	Not reported
Local Agency:	43099L
Lead Agency:	Local Agency
Staff Initials:	AJM
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	7/13/95
Pollution Char:	/ /
Remedial Plan:	Not reported
Remedial Action:	Not reported
Monitoring:	/ /
Pilot Program:	LUST
Interim Action:	Not reported
Funding:	Not reported
MTBE Class:	B
Max MTBE Grnd Wtr:	8400
Max MTBE Soil:	Not reported
Max MTBE Data:	06/18/2002
MTBE Tested:	YES
Lat/Long:	37.1150818 / -121.6462631

DRAFT

MORGAN HILL CORPORATION YARD (Continued) **S104542023**

Soil Qualifier: Not reported
Grnd Wtr Qualifier: =
Mtbe Concentratn: 3
Mtbe Fuel: 1
Org Name: Not reported
Basin Plan: Not reported
Beneficial: MUN
Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: CITY OF MORGAN HILL
Well Name: TENNANT WELL
Distance From Well: 0
Assigned Name: 09S/03E-34D06 M
Summary: Not reported

HIST LUST SANTA CLARA:
Name: Morgan Hill Corporation Yard
Address: 105 Edes Ct
City: Morgan Hill
Region: SANTA CLARA
Region Code: 3
SCVWD ID: 09S3E33B01
Oversite Agency: SCVWD
Date Listed: 1995-10-04 00:00:00
Closed Date: Not reported

S104 **MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION** **LUST** **S109285907**
SSE **105 EDES CRT** **CHMIRS** **N/A**
1/4-1/2 **MORGAN HILL, CA 95037** **NPDES**
0.382 mi. **CIWQS**
2017 ft. **Site 2 of 2 in cluster S** **CERS**

Relative: Lower
Actual: 333 ft.

LUST:
Name: MORGAN HILL CORPORATION YARD
Address: 105 EDES COURT
City,State,Zip: MORGAN HILL, CA 95037
Lead Agency: SANTA CLARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500041
Global Id: T0608500041
Latitude: 37.1150818
Longitude: -121.6462631
Status: Completed - Case Closed
Status Date: 04/13/2015
Case Worker: GOR
RB Case Number: 2827
Local Agency: SANTA CLARA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: 09S3E33B01f
Potential Media Affect: Aquifer used for drinking water supply, Soil, Surface water
Potential Contaminants of Concern: Benzene, Toluene, Xylene, MTBE / TBA / Other Fuel Oxygenates, Gasoline
Site History: The project has been ongoing since 1995 and has involved evaluating, remediating, and monitoring Site soils and groundwater impacted with gasoline related constituents of concern (COCs) including total petroleum hydrocarbons as gasoline (TPH-g), benzene, toluene,

DRAFT

MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY (Continued) **S109285907**

ethylbenzene, and xylenes (BTEX), and methyl tert butyl ether (MTBE) from an underground storage tank (UST) fuel leak that occurred in the mid 1990s. On March 23, 2012, SCS Engineers performed the First Semester 2012 groundwater monitoring episode at the Morgan Hill Corporation Yard. Water levels were measured and groundwater samples were collected and analyzed from 12 of the project groundwater monitoring wells. The following are concentrations in the monitoring wells: * TPH-g was only detected in well P-3 at a concentration of 9,500 ug/L.; * Benzene was only detected in well P-3 at a concentration of 1,100 ug/L; * MTBE was detected in three wells at concentrations ranging from 9.6; to 1,700 ug/L, and the maximum concentration was detected in well ATC-1; * Toluene, ethylbenzene, and xylenes were only detected in well P-3; * Based on current and previous data, the down-gradient extent of MTBE-impacted groundwater in the A-Zone appears to be over 800 feet southeast of the source area (north of groundwater monitoring well API2-4). The down-gradient extent of MTBEimpacted groundwater in the B-Zone appears to be approximately 950 feet southeast of the source area (north of the Edmundson Avenue cul-de-sac. This takes into consideration that the plum appears to be reducing in length. Based on information and data presented in the Corrective Action Review and Case Closure Evaluation report dated July 10, 2012, the Site satisfies all but two criteria of the new Low-Threat UST Closure Policy adopted by the SWRCB on May 1, 2012.

LUST:

Global Id:	T0608500041
Contact Type:	Local Agency Caseworker
Contact Name:	Gerald O'Regan
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 BERGER DRIVE STE 300
City:	SAN JOSE
Email:	gerald.o'regan@deh.sccgov.org
Phone Number:	Not reported

Global Id:	T0608500041
Contact Type:	Regional Board Caseworker
Contact Name:	WEI LIU
Organization Name:	CENTRAL COAST RWQCB (REGION 3)
Address:	895 AEROVISTA PLACE, SUITE 101
City:	SAN LUIS OBISPO
Email:	wei.liu@waterboards.ca.gov
Phone Number:	8055493147

LUST:

Global Id:	T0608500041
Action Type:	RESPONSE
Date:	01/31/2012
Action:	Monitoring Report - Semi-Annually

Global Id:	T0608500041
Action Type:	RESPONSE
Date:	10/31/2013
Action:	CAP/RAP - Other Report

Global Id:	T0608500041
Action Type:	RESPONSE

DRAFT

MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY (Continued) **S109285907**

Date: 06/29/2000
Action: Correspondence

Global Id: T0608500041
Action Type: RESPONSE
Date: 01/13/2002
Action: Verbal Communication

Global Id: T0608500041
Action Type: RESPONSE
Date: 03/02/2004
Action: Well Installation Report

Global Id: T0608500041
Action Type: RESPONSE
Date: 10/03/2011
Action: Other Report / Document

Global Id: T0608500041
Action Type: RESPONSE
Date: 05/30/1997
Action: Soil and Water Investigation Workplan

Global Id: T0608500041
Action Type: RESPONSE
Date: 08/26/1999
Action: Interim Remedial Action Plan

Global Id: T0608500041
Action Type: RESPONSE
Date: 03/11/2003
Action: Well Installation Workplan

Global Id: T0608500041
Action Type: RESPONSE
Date: 12/17/2013
Action: Correspondence

Global Id: T0608500041
Action Type: ENFORCEMENT
Date: 10/04/1995
Action: Notice of Responsibility - #39227

Global Id: T0608500041
Action Type: ENFORCEMENT
Date: 07/29/2002
Action: Staff Letter - #38297

Global Id: T0608500041
Action Type: Other
Date: 06/02/1995
Action: Leak Discovery

Global Id: T0608500041
Action Type: RESPONSE
Date: 07/31/2011
Action: Monitoring Report - Semi-Annually

DRAFT

MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY (Continued) **S109285907**

Global Id: T0608500041
Action Type: RESPONSE
Date: 12/02/1997
Action: Correspondence

Global Id: T0608500041
Action Type: RESPONSE
Date: 10/16/1997
Action: Other Workplan

Global Id: T0608500041
Action Type: RESPONSE
Date: 10/19/2000
Action: Other Workplan

Global Id: T0608500041
Action Type: RESPONSE
Date: 06/01/1999
Action: Other Workplan

Global Id: T0608500041
Action Type: Other
Date: 07/11/1995
Action: Leak Stopped

Global Id: T0608500041
Action Type: RESPONSE
Date: 10/01/2000
Action: Other Report / Document

Global Id: T0608500041
Action Type: RESPONSE
Date: 01/28/2009
Action: Other Report / Document

Global Id: T0608500041
Action Type: RESPONSE
Date: 03/25/2003
Action: Other Report / Document

Global Id: T0608500041
Action Type: RESPONSE
Date: 08/06/1998
Action: Other Workplan

Global Id: T0608500041
Action Type: RESPONSE
Date: 12/03/1999
Action: Pilot Study / Treatability Workplan

Global Id: T0608500041
Action Type: RESPONSE
Date: 07/31/2013
Action: Monitoring Report - Quarterly

Global Id: T0608500041
Action Type: RESPONSE

DRAFT

MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY (Continued) **S109285907**

Date: 04/25/2003
Action: Monitoring Report - Quarterly

Global Id: T0608500041
Action Type: RESPONSE
Date: 04/21/1999
Action: Soil and Water Investigation Report

Global Id: T0608500041
Action Type: RESPONSE
Date: 08/31/2012
Action: Remedial Progress Report

Global Id: T0608500041
Action Type: RESPONSE
Date: 04/07/1997
Action: Unauthorized Release Form

Global Id: T0608500041
Action Type: RESPONSE
Date: 10/31/2013
Action: CAP/RAP - Other Report - Regulator Responded

Global Id: T0608500041
Action Type: RESPONSE
Date: 08/31/2012
Action: Electronic Reporting Submittal Due

Global Id: T0608500041
Action Type: RESPONSE
Date: 07/31/2013
Action: Monitoring Report - Quarterly

Global Id: T0608500041
Action Type: RESPONSE
Date: 01/31/2013
Action: Monitoring Report - Quarterly

Global Id: T0608500041
Action Type: RESPONSE
Date: 10/31/2012
Action: Monitoring Report - Quarterly

Global Id: T0608500041
Action Type: RESPONSE
Date: 04/30/2013
Action: Monitoring Report - Quarterly

Global Id: T0608500041
Action Type: ENFORCEMENT
Date: 04/13/2015
Action: Staff Letter

Global Id: T0608500041
Action Type: RESPONSE
Date: 11/01/2013
Action: Request for Closure - Regulator Responded

DRAFT

MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY (Continued) **S109285907**

Global Id: T0608500041
Action Type: RESPONSE
Date: 03/31/2015
Action: Request for Closure - Regulator Responded

Global Id: T0608500041
Action Type: RESPONSE
Date: 03/31/2015
Action: Well Destruction Report - Regulator Responded

Global Id: T0608500041
Action Type: Other
Date: 07/13/1995
Action: Leak Reported

Global Id: T0608500041
Action Type: ENFORCEMENT
Date: 08/17/2009
Action: Staff Letter - #9002718

Global Id: T0608500041
Action Type: RESPONSE
Date: 01/31/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608500041
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0608500041
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608500041
Action Type: REMEDIATION
Date: 03/27/2002
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608500041
Action Type: ENFORCEMENT
Date: 08/27/2013
Action: Staff Letter

Global Id: T0608500041
Action Type: ENFORCEMENT
Date: 03/09/2011
Action: Staff Letter

Global Id: T0608500041
Action Type: ENFORCEMENT
Date: 10/03/2011
Action: Site Visit / Inspection / Sampling

Global Id: T0608500041
Action Type: RESPONSE

DRAFT

MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY (Continued) **S109285907**

Date: 08/29/2014
Action: Email Correspondence

Global Id: T0608500041
Action Type: ENFORCEMENT
Date: 08/02/2012
Action: Staff Letter

Global Id: T0608500041
Action Type: ENFORCEMENT
Date: 12/17/2013
Action: Staff Letter

Global Id: T0608500041
Action Type: ENFORCEMENT
Date: 01/08/2015
Action: Email Correspondence

Global Id: T0608500041
Action Type: ENFORCEMENT
Date: 08/29/2014
Action: Notification - Public Notice of Case Closure

Global Id: T0608500041
Action Type: ENFORCEMENT
Date: 12/12/2014
Action: Staff Letter

Global Id: T0608500041
Action Type: ENFORCEMENT
Date: 12/02/2014
Action: Staff Letter

Global Id: T0608500041
Action Type: ENFORCEMENT
Date: 06/03/2005
Action: Other Report

Global Id: T0608500041
Action Type: RESPONSE
Date: 07/31/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608500041
Action Type: RESPONSE
Date: 11/07/2001
Action: Correspondence

Global Id: T0608500041
Action Type: RESPONSE
Date: 01/23/2012
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608500041
Action Type: ENFORCEMENT
Date: 04/13/2015
Action: Closure/No Further Action Letter

DRAFT

MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY (Continued) **S109285907**

LUST:

Global Id:	T0608500041
Status:	Completed - Case Closed
Status Date:	04/13/2015
Global Id:	T0608500041
Status:	Open - Case Begin Date
Status Date:	07/13/1995
Global Id:	T0608500041
Status:	Open - Eligible for Closure
Status Date:	05/21/2014
Global Id:	T0608500041
Status:	Open - Remediation
Status Date:	03/27/2002
Global Id:	T0608500041
Status:	Open - Site Assessment
Status Date:	07/13/1995

LUST SANTA CLARA:

Name:	MORGAN HILL CORPORATION YARD
Address:	105 EDES CT
City,State,Zip:	MORGAN HILL, CA
Region:	SANTA CLARA
SCVWD ID:	09S3E33B01F
Date Closed:	Not reported
EDR Link ID:	09S3E33B01F

CHMIRS:

Name:	Not reported
Address:	105 EDES CT
City,State,Zip:	MORGAN HILL, CA 95037
OES Incident Number:	1-5861
OES notification:	10/03/2011
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported

DRAFT

MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY (Continued) **S109285907**

Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Storm Drain /Llaga Creek
Spill Site:	Other
Cleanup By:	Responsible Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1100
Year:	2011
Agency:	SCS Engineers
Incident Date:	10/2/2011
Admin Agency:	Santa Clara County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Storm Drain /Llaga Creek
E Date:	Not reported
Substance:	Ground Water
Quantity Released:	2,000
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Caller states a ground water treatment system overflowed to the ground and into a storm drain the leads to West Little Llagas Creek. Caller states ground water contains some petroleum products (Benzine and MTBE) as the system is located in a Corporation yard.

NPDES:

Name:	MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY
Address:	105 EDES CRT
City,State,Zip:	MORGAN HILL, CA 95037
Facility Status:	Not reported
NPDES Number:	Not reported

DRAFT

MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY (Continued) **S109285907**

Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	3 43I020857
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	05/02/2007
Operator Name:	Morgan Hill Unified School District
Operator Address:	15600 Concord Circle
Operator City:	Morgan Hill
Operator State:	California
Operator Zip:	95037

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	3
Regulatory Measure ID:	324120
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	3 43I020857
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/02/2007
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Morgan Hill Unified School District
Discharge Address:	15600 Concord Circle
Discharge City:	Morgan Hill
Discharge State:	California
Discharge Zip:	95037
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported

DRAFT

MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY (Continued) **S109285907**

Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	3
Regulatory Measure ID:	324120
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	3 43I020857
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported

DRAFT

MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY (Continued) **S109285907**

Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	05/02/2007
Status:	Active
Status Date:	05/02/2007
Place Size:	4.1
Place Size Unit:	Acres
Contact:	Richard Corona
Contact Title:	Mechanic Foreman
Contact Phone:	408-422-7356
Contact Phone Ext:	Not reported
Contact Email:	coronari@mhusd.org
Operator Name:	Morgan Hill Unified School District
Operator Address:	15600 Concord Circle
Operator City:	Morgan Hill
Operator State:	California
Operator Zip:	95037
Operator Contact:	Richard Corona
Operator Contact Title:	Mechanic Foreman
Operator Contact Phone:	408-422-7356
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Coronari@mhusd.org
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Llagas Creek
Certifier:	Kathleen Rael

DRAFT

MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY (Continued) **S109285907**

Certifier Title:	Director of Transportation
Certification Date:	23-MAR-15
Primary Sic:	9999-Nonclassifiable Establishments
Secondary Sic:	4151-School Buses
Tertiary Sic:	Not reported

Name:	MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY
Address:	105 EDES CRT
City,State,Zip:	MORGAN HILL, CA 95037
Facility Status:	Active
NPDES Number:	CAS000001
Region:	3
Agency Number:	0
Regulatory Measure ID:	324120
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	3 43I020857
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/02/2007
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	15600 Concord Circle
Discharge Name:	Morgan Hill Unified School District
Discharge City:	Morgan Hill
Discharge State:	California
Discharge Zip:	95037
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	3
Regulatory Measure ID:	324120
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	3 43I020857
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/02/2007
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Morgan Hill Unified School District
Discharge Address:	15600 Concord Circle
Discharge City:	Morgan Hill
Discharge State:	California
Discharge Zip:	95037
Received Date:	Not reported

DRAFT

MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY (Continued) **S109285907**

Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported

DRAFT

MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY (Continued) **S109285907**

Status:	Not reported
Agency Number:	Not reported
Region:	3
Regulatory Measure ID:	324120
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	3 43I020857
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	05/02/2007
Status:	Active
Status Date:	05/02/2007
Place Size:	4.1
Place Size Unit:	Acres
Contact:	Richard Corona
Contact Title:	Mechanic Foreman
Contact Phone:	408-422-7356
Contact Phone Ext:	Not reported
Contact Email:	coronari@mhusd.org
Operator Name:	Morgan Hill Unified School District
Operator Address:	15600 Concord Circle
Operator City:	Morgan Hill
Operator State:	California
Operator Zip:	95037
Operator Contact:	Richard Corona
Operator Contact Title:	Mechanic Foreman
Operator Contact Phone:	408-422-7356
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Coronari@mhusd.org
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported

DRAFT

MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY (Continued) **S109285907**

Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Llagas Creek
Certifier:	Kathleen Rael
Certifier Title:	Director of Transportation
Certification Date:	23-MAR-15
Primary Sic:	9999-Nonclassifiable Establishments
Secondary Sic:	4151-School Buses
Tertiary Sic:	Not reported

CIWQS:

Name:	MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY
Address:	105 EDES CRT
City,State,Zip:	MORGAN HILL, CA 95037
Agency:	Morgan Hill Unified School District
Agency Address:	15600 Concord Circle, Morgan Hill, CA 95037
Place/Project Type:	Industrial - Nonclassifiable Establishments
SIC/NAICS:	Multiple
Region:	3
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	3 43I020857
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	05/02/2007
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.11548
Longitude:	-121.64474

CERS:

Name:	MORGAN HILL CORPORATION YARD
Address:	105 EDES COURT
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	202928
CERS ID:	T0608500041
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker

DRAFT

MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY (Continued) **S109285907**

Entity Name:	WEI LIU - CENTRAL COAST RWQCB (REGION 3)
Entity Title:	Not reported
Affiliation Address:	895 AEROVISTA PLACE, SUITE 101
Affiliation City:	SAN LUIS OBISPO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	8055493147

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	Gerald O'Regan - SANTA CLARA COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1555 BERGER DRIVE STE 300
Affiliation City:	SAN JOSE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Name:	MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY
Address:	105 EDES CRT
City,State,Zip:	MORGAN HILL, CA 95037
Site ID:	481960
CERS ID:	649652
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	481960
Site Name:	Morgan Hill Unified School District Transportation Facility
Violation Date:	07-01-2007
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Late Report
Violation Notes:	Failed to submit 2006-2007 annual report
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS

Site ID:	481960
Site Name:	Morgan Hill Unified School District Transportation Facility
Violation Date:	07-28-2009
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Late Report
Violation Notes:	Failed to submit annual report.
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS

Enforcement Action:

Site ID:	481960
Site Name:	Morgan Hill Unified School District Transportation Facility
Site Address:	105 EDES CRT
Site City:	MORGAN HILL
Site Zip:	95037
Enf Action Date:	07-12-2007
Enf Action Type:	Notice of Non-Compliance for Non-Filers
Enf Action Description:	Notice of Non-Compliance for Non-Filers

DRAFT

MORGAN HILL UNIFIED SCHOOL DISTRICT TRANSPORTATION FACILITY (Continued) **S109285907**

Enf Action Notes:	N/A
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS

Site ID:	481960
Site Name:	Morgan Hill Unified School District Transportation Facility
Site Address:	105 EDES CRT
Site City:	MORGAN HILL
Site Zip:	95037
Enf Action Date:	07-28-2009
Enf Action Type:	Notice of Non-Compliance for Non-Filers
Enf Action Description:	Notice of Non-Compliance for Non-Filers
Enf Action Notes:	Failed to submit annual report.
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS

Site ID:	481960
Site Name:	Morgan Hill Unified School District Transportation Facility
Site Address:	105 EDES CRT
Site City:	MORGAN HILL
Site Zip:	95037
Enf Action Date:	08-14-2007
Enf Action Type:	Notice of Non-Compliance for Non-Filers
Enf Action Description:	Notice of Non-Compliance for Non-Filers
Enf Action Notes:	N/A
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Morgan Hill Unified School District
Entity Title:	Operator
Affiliation Address:	15600 Concord Circle
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

T105 **MASON ELECTRIC (RHINO GYM)** **LUST** **S103881430**
NNW **70 E 4TH ST** **HIST LUST** **N/A**
1/4-1/2 **MORGAN HILL, CA 95037** **CERS**
0.482 mi.
2543 ft. **Site 1 of 3 in cluster T**

Relative:
Higher

Actual:
350 ft.

LUST:

Name:	MASON ELECTRIC (RHINO GYM)
Address:	70 E 4TH ST
City,State,Zip:	MORGAN HILL, CA 95037
Lead Agency:	SANTA CLARA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608503355
Global Id:	T0608503355

DRAFT

MASON ELECTRIC (RHINO GYM) (Continued) **S103881430**

Latitude:	37.127799
Longitude:	-121.650202
Status:	Completed - Case Closed
Status Date:	07/09/1996
Case Worker:	UST
RB Case Number:	3371
Local Agency:	SANTA CLARA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608503355
Contact Type:	Local Agency Caseworker
Contact Name:	UST CASE WORKER
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 Berger Drive, Suite 300
City:	SAN JOSE
Email:	Not reported
Phone Number:	4089183400

LUST:

Global Id:	T0608503355
Action Type:	ENFORCEMENT
Date:	01/11/1990
Action:	Notice of Responsibility - #39222
Global Id:	T0608503355
Action Type:	Other
Date:	08/10/1989
Action:	Leak Reported
Global Id:	T0608503355
Action Type:	RESPONSE
Date:	07/09/1996
Action:	Other Report / Document
Global Id:	T0608503355
Action Type:	ENFORCEMENT
Date:	07/09/1996
Action:	Closure/No Further Action Letter

LUST:

Global Id:	T0608503355
Status:	Completed - Case Closed
Status Date:	07/09/1996
Global Id:	T0608503355
Status:	Open - Case Begin Date
Status Date:	03/06/1987
Global Id:	T0608503355
Status:	Open - Site Assessment
Status Date:	03/06/1987

DRAFT

MASON ELECTRIC (RHINO GYM) (Continued) **S103881430**

LUST REG 3:

Region:	3
Regional Board:	Central Coast Region
Facility County:	Santa Clara
Global ID:	T0608503355
Status:	Case Closed
Case Number:	3371
Local Case Num:	09S3E28C02f
Case Type:	A
Substance:	Gasoline
Quantity:	Not reported
Abatement Method:	Not reported
Leak Source:	Not reported
Leak Cause:	Not reported
How Stopped:	Not reported
How Discovered:	Not reported
Release Date:	08/10/1989
Discovered Date:	Not reported
Enter Date:	/ /
Stop Date:	Not reported
Review Date:	/ /
Enforce Date:	Not reported
Close Date:	7/9/96
Enforcement Type:	NOR
Responsible Party:	Not reported
RP Address:	Not reported
Contact:	Not reported
Cross Street:	Not reported
Local Agency:	43099L
Lead Agency:	Local Agency
Staff Initials:	Not reported
Confirm Leak:	Not reported
Workplan:	Not reported
Prelim Assess:	3/6/87
Pollution Char:	03/06/1987
Remedial Plan:	Not reported
Remedial Action:	Not reported
Monitoring:	/ /
Pilot Program:	LUST
Interim Action:	Not reported
Funding:	Not reported
MTBE Class:	*
Max MTBE Grnd Wtr:	Not reported
Max MTBE Soil:	Not reported
Max MTBE Data:	/ /
MTBE Tested:	NT
Lat/Long:	37.127456 / -121.650898
Soil Qualifier:	Not reported
Grnd Wtr Qualifier:	Not reported
Mtbe Concentratn:	0
Mtbe Fuel:	1
Org Name:	Not reported
Basin Plan:	Not reported
Beneficial:	MUN
Priority:	Not reported
UST Cleanup Fund ID:	Not reported
Suspended:	Not reported

DRAFT

MASON ELECTRIC (RHINO GYM) (Continued) **S103881430**

Operator: Not reported
Water System: Not reported
Well Name: Not reported
Distance From Well: 0
Assigned Name: Not reported
Summary: Not reported

LUST SANTA CLARA:
Name: MASON ELECTRIC (RHINO GYM)
Address: 70 E 4TH ST
City,State,Zip: MORGAN HILL, CA
Region: SANTA CLARA
SCVWD ID: 09S3E28C02F
Date Closed: 07/09/1996
EDR Link ID: 09S3E28C02F

HIST LUST SANTA CLARA:
Name: Mason Electric (Rhino Gym)
Address: 70 E 4th St
City: Morgan Hill
Region: SANTA CLARA
Region Code: 3
SCVWD ID: 09S3E28C02
Oversite Agency: SCVWD
Date Listed: 1990-01-01 00:00:00
Closed Date: 1996-07-09 00:00:00

CERS:
Name: MASON ELECTRIC (RHINO GYM)
Address: 70 E 4TH ST
City,State,Zip: MORGAN HILL, CA 95037
Site ID: 195763
CERS ID: T0608503355
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: UST CASE WORKER - SANTA CLARA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 4089183400

DRAFT

106
South
1/4-1/2
0.485 mi.
2559 ft.

COSMO LANE
BEHIND CANDY PARK
MORGAN HILL, CA 93065

Notify 65 **S100179393**
N/A

Relative:
Lower

Actual:
330 ft.

NOTIFY 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

T107
NNW
1/4-1/2
0.493 mi.
2602 ft.

RHINO GYM
70 4TH
MORGAN HILL, CA 95037

Site 2 of 3 in cluster T

HIST CORTESE **S102433083**
N/A

Relative:
Higher

Actual:
351 ft.

HIST CORTESE:

edr_fname:	RHINO GYM
edr_fadd1:	70 4TH
City,State,Zip:	MORGAN HILL, CA 95037
Region:	CORTESE
Facility County Code:	43
Reg By:	LTNKA
Reg Id:	583

108
ESE
1/4-1/2
0.499 mi.
2637 ft.

BAS PRECISION SHEET METAL, INC.
16170 JAQUELINE CT
MORGAN HILL, CA 95037

ENVIROSTOR **S108741781**
N/A

Relative:
Lower

Actual:
336 ft.

ENVIROSTOR:

Name:	BAS PRECISION SHEET METAL, INC.
Address:	16170 JAQUELINE CT
City,State,Zip:	MORGAN HILL, CA 95037
Facility ID:	71003139
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Berkeley
Assembly:	30
Senate:	17
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED

DRAFT

BAS PRECISION SHEET METAL, INC. (Continued) **S108741781**

Funding:	Not reported
Latitude:	37.11968
Longitude:	-121.6366
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD983610304
Alias Type:	EPA Identification Number
Alias Name:	110000785348
Alias Type:	EPA (FRS #)
Alias Name:	71003139
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

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109 ESE 1/2-1 0.503 mi. 2658 ft. | **FRANK'S AUTO SERVICE 16250 RAILROAD AV MORGAN HILL, CA 95037** | **ENVIROSTOR CUPA Listings** | **1000483007 N/A**

Relative: Lower

Actual: 334 ft.

ENVIROSTOR:

Name:	ASCO AIR CONDITIONING
Address:	16250 RAILROAD AVE.
City,State,Zip:	MORGAN HILL, CA 95037
Facility ID:	43340081
Status:	Refer: Other Agency
Status Date:	07/29/1994
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Rick Jones
Supervisor:	Hansen Pang
Division Branch:	Cleanup Berkeley
Assembly:	30
Senate:	17
Special Program:	Not reported

DRAFT

FRANK'S AUTO SERVICE (Continued) **1000483007**

Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.11791
Longitude: -121.6377
APN: 817-32-043
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED SOLVENTS * ACID SOLUTION 2>PH WITH METALS Lead
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 817-32-043
Alias Type: APN
Alias Name: 43340081
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 07/01/1991
Comments: Though the operation process and waste handling practices at thie site do not appear to be hazardous to humen health and/or the environment, no verification has been conducted. The EPA's FIT program did not conduct a site reconnaisance visit to verify the facts. This fenced facility comprised of a single 20,000 sq ft warehouse building and asphalt pavement around it, was started in 1978 by James Price. Asco operates a busi- ness fo sheet metal fabrication and servicing & in- stallation of residential air conditioning units. Asco's operations involve a small quantity of hydro- chloric acid (HCL), R-22 freon and generates eet lead scraps. The site was suspected to be potential source of high levels of methylene chloride in site soils of Olin Corp., an adjacent site. Both a history of chemical usage and waste disposal practice at asco have proved asco to be hamless in the matter. Asco's location, process or waste management practice also do not appear to have potential of propagatin contami- nation through groundwater, surface water, air or contact routes. The site is currently under the oversight of the city of Morgan Hill Fire Depart- ment with no involvement of the Regional Water Quality control Board (RWQCB) or the Department.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CUPA SANTA CLARA:
Name: FRANK'S AUTO SERVICE
Address: 16250 RAILROAD AV
City,State,Zip: MORGAN HILL, CA 95037
Region: SANTA CLARA
PE#: Not reported

DRAFT

FRANK'S AUTO SERVICE (Continued) **1000483007**

Program Description: HMBP FACILITY, 1-3 CHEMICALS
Latitude: 37.114988
Longitude: -121.635276
Record ID: PR0412235
Facility ID: FA0272518

Name: FRANK'S AUTO SERVICE
Address: 16250 RAILROAD AV
City,State,Zip: MORGAN HILL, CA 95037
Region: SANTA CLARA
PE#: 2206
Program Description: GENERATES 5 TO <25 TONS/YR
Latitude: 37.114988
Longitude: -121.635276
Record ID: PR0412236
Facility ID: FA0272518

Name: AUTO SOLUTIONS
Address: 16250 RAILROAD AV
City,State,Zip: MORGAN HILL, CA 95037
Region: SANTA CLARA
PE#: Not reported
Program Description: HMBP FACILITY, 4-6 CHEMICALS
Latitude: 37.11807
Longitude: -121.637783
Record ID: PR0413696
Facility ID: FA0287114

Name: AUTO SOLUTIONS
Address: 16250 RAILROAD AV
City,State,Zip: MORGAN HILL, CA 95037
Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Latitude: 37.11807
Longitude: -121.637783
Record ID: PR0388268
Facility ID: FA0287114

T110 **SUNSWEET** **ENVIROSTOR** **S111842212**
NNW **91 EAST 4TH STREET** **N/A**
1/2-1 **MORGAN HILL, CA 95037**
0.508 mi.
2683 ft. **Site 3 of 3 in cluster T**

Relative:
Higher

Actual:
352 ft.

ENVIROSTOR:
Name: SUNSWEET
Address: 91 EAST 4TH STREET
City,State,Zip: MORGAN HILL, CA 95037
Facility ID: 43200019
Status: Refer: Other Agency
Status Date: 04/05/1996
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED

DRAFT

SUNSWEET (Continued) **S111842212**

Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	30
Senate:	17
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.12832
Longitude:	-121.6504
APN:	726-13-032
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	726-13-032
Alias Type:	APN
Alias Name:	43200019
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

111
SE
1/2-1
0.508 mi.
2683 ft.

ALL SENSORS INC
16035 VINEYARD BL
MORGAN HILL, CA 95037

ENVIROSTOR **S108742043**
CERS HAZ WASTE **N/A**
CUPA Listings
CERS

Relative:
Lower

Actual:
332 ft.

ENVIROSTOR:

Name:	UNAXIS MATERIALS, INC./CONTRAVES, INC.
Address:	16035 VINEYARD BOULEVARD
City,State,Zip:	MORGAN HILL, CA 95037
Facility ID:	71002906
Status:	No Further Action
Status Date:	06/27/2014
Site Code:	550004
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	0.5
NPL:	NO
Regulatory Agencies:	SMBRP

DRAFT

ALL SENSORS INC (Continued) **S108742043**

Lead Agency: SMBRP
Program Manager: Mark Piros
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 30
Senate: 17
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.11581
Longitude: -121.6390
APN: NONE SPECIFIED
Past Use: MANUFACTURING - METAL
Potential COC: TPH-MOTOR OIL
Confirmed COC: TPH-MOTOR OIL
Potential Description: SOIL
Alias Name: CAD981665532
Alias Type: EPA Identification Number
Alias Name: 550004
Alias Type: Project Code (Site Code)
Alias Name: 71002906
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Selection and Statement of Basis
Completed Date: 12/30/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase I Verification
Completed Date: 01/14/2004
Comments: Inspection report sent on 1/14/2004

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 09/13/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 10/14/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * LUC Inspection Complete
Completed Date: 01/30/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement

DRAFT

ALL SENSORS INC (Continued) **S108742043**

Completed Date: 09/13/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Acknowledgement of Satisfaction
Completed Date: 05/14/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 01/25/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/14/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/27/2005
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CERS HAZ WASTE:
Site ID: 90952
CERS ID: 10346623
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 90952
Site Name: ALL SENSORS INC
Violation Date: 06-27-2016
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.

DRAFT

ALL SENSORS INC (Continued) **S108742043**

Violation Notes: Returned to compliance on 07/20/2016. Ms. Bautista stated that the IPA waste that was accumulated in outside storage area has been on-site for more than 180-days.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 90952
Site Name: ALL SENSORS INC
Violation Date: 06-27-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 07/20/2016. The facility's EPA ID Number: CAL000299998 is inactive. Provided form DTSC-1358 to facility to reactivate the number. DO NOT SHIP ANY HAZARDOUS WASTE UNTIL THE EPA ID NUMBER HAS BEEN VERIFIED TO BE ACTIVE. Use this link to verify the status of the EPA ID number: http://hwts.dtsc.ca.gov/report_search.cfm?id=2
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 90952
Site Name: ALL SENSORS INC
Violation Date: 06-27-2016
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 07/20/2016. The facility is disposing in the municipal trash foam-type "Q-tips" that wetted with isopropyl alcohol (IPA) which are used to wipe excess solder flux from a freshly soldered circuit board.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 90952
Site Name: ALL SENSORS INC
Violation Date: 06-27-2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 07/15/2016. The facility has not updated their HMBP on CERS as required. The CERS ID for this facility is 10346623.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 90952
Site Name: ALL SENSORS INC

DRAFT

ALL SENSORS INC (Continued) **S108742043**

Violation Date: 06-27-2016
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes: Returned to compliance on 07/20/2016. The facility staff stated that personnel that manage hazardous waste have not received hazardous waste training.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-27-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to conduct a hazardous waste inspection with Vincent Nguyen and Ms. Vangie Bautista from All Sensors Corp. Reviewed disposal records for 2015, 2014, 2013. In 2015 the site generated 27-gallons of IPA waste, 2014 the site generated ~267lbs of hazardous waste and 2013 252lbs. A facility must not generate more than 225 lbs (100 kg) annually of hazardous in order to qualify for the CESQG program. Inspected the various work stations where hazardous materials are used and waste is collected. The solder stations were free of splattered solder. The site uses a Pace portable exhaust system for the solder pot in the re-flow room. The portable exhaust has an on board sensor to measure air flow. The unit's filter has an expected life expectancy of up to a year but maybe longer depending on usage. The spent exhaust filters are managed as hazardous waste. The site's emergency equipment: fire extinguishers, spill pads were available and in good order. The was [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-27-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to conduct an HMBP inspection with Vincent Nguyen from All Sensors Corp. Provided Mr. Nguyen with a Contingency Plan Template and Site Map Template to be uploaded to CERS. Property owner notification is not required since All Sensors owns the property at this location. The facility conducts annual haz/comm training for all employees. Observed evacuation maps and emergency contact information at various areas. Require hazardous materials to be reported on CERS: 1,500-gallons of liquid nitrogen (LN2)
Eval Division: Santa Clara County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Clara County Environmental Health

DRAFT

ALL SENSORS INC (Continued) **S108742043**

Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Document Preparer
Entity Name:	Michael Lazzarini
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Michael Lazzarini
Entity Title:	Facility Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Michael Lazzarini
Entity Title:	Not reported
Affiliation Address:	16035 Vineyard Blvd.
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Dennis Dauenhauer
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 390-9284

Affiliation Type Desc:	Parent Corporation
Entity Name:	ALL SENSORS INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

DRAFT

ALL SENSORS INC (Continued) **S108742043**

Affiliation Type Desc:	Property Owner
Entity Name:	16035 Vineyard Blvd LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 225-4314

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	16035 VINEYARD BL
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	ALL SENSORS INC
Entity Title:	Not reported
Affiliation Address:	16035 VINEYARD BL
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95037
Affiliation Phone:	(408) 225-4314

CUPA SANTA CLARA:

Name:	ALL SENSORS INC
Address:	16035 VINEYARD BL
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	Not reported
Program Description:	HMBP FACILITY, 1-3 CHEMICALS
Latitude:	37.115338
Longitude:	-121.638375
Record ID:	PR0381220
Facility ID:	FA0258877

Name:	ALL SENSORS INC
Address:	16035 VINEYARD BL
City,State,Zip:	MORGAN HILL, CA 95037
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR
Latitude:	37.115338
Longitude:	-121.638375
Record ID:	PR0379196
Facility ID:	FA0258877

CERS:

Name:	ALL SENSORS INC

DRAFT

ALL SENSORS INC (Continued) **S108742043**

Address: 16035 VINEYARD BL
City,State,Zip: MORGAN HILL, CA 95037
Site ID: 90952
CERS ID: 10346623
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 90952
Site Name: ALL SENSORS INC
Violation Date: 06-27-2016
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 07/20/2016. Ms. Bautista stated that the IPA waste that was accumulated in outside storage area has been on-site for more than 180-days.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 90952
Site Name: ALL SENSORS INC
Violation Date: 06-27-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 07/20/2016. The facility's EPA ID Number: CAL000299998 is inactive. Provided form DTSC-1358 to facility to reactivate the number. DO NOT SHIP ANY HAZARDOUS WASTE UNTIL THE EPA ID NUMBER HAS BEEN VERIFIED TO BE ACTIVE. Use this link to verify the status of the EPA ID number: http://hwts.dtsc.ca.gov/report_search.cfm?id=2
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 90952
Site Name: ALL SENSORS INC
Violation Date: 06-27-2016
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 07/20/2016. The facility is disposing in the municipal trash foam-type "Q-tips" that wetted with isopropyl alcohol (IPA) which are used to wipe excess solder flux from a freshly soldered circuit board.
Violation Division: Santa Clara County Environmental Health

DRAFT

ALL SENSORS INC (Continued) **S108742043**

Violation Program: HW
Violation Source: CERS

Site ID: 90952
Site Name: ALL SENSORS INC
Violation Date: 06-27-2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 07/15/2016. The facility has not updated their HMBP on CERS as required. The CERS ID for this facility is 10346623.
Violation Division: Santa Clara County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 90952
Site Name: ALL SENSORS INC
Violation Date: 06-27-2016
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes: Returned to compliance on 07/20/2016. The facility staff stated that personnel that manage hazardous waste have not received hazardous waste training.
Violation Division: Santa Clara County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-27-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to conduct a hazardous waste inspection with Vincent Nguyen and Ms. Vangie Bautista from All Sensors Corp. Reviewed disposal records for 2015, 2014, 2013. In 2015 the site generated 27-gallons of IPA waste, 2014 the site generated ~267lbs of hazardous waste and 2013 252lbs. A facility must not generate more than 225 lbs (100 kg) annually of hazardous in order to qualify for the CESQG program. Inspected the various work stations where hazardous materials are used and waste is collected. The solder stations were free of splattered solder. The site uses a Pace portable exhaust system for the solder pot in the re-flow room. The portable exhaust has an on board sensor to measure air flow. The unit's filter has an expected life expectancy of up to a year but maybe longer depending on usage. The spent exhaust filters are managed as hazardous waste. The site's emergency equipment: fire extinguishers, spill pads were available and in good order. The was [Truncated]
Eval Division: Santa Clara County Environmental Health
Eval Program: HW
Eval Source: CERS

DRAFT

ALL SENSORS INC (Continued) **S108742043**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-27-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On-site to conduct an HMBP inspection with Vincent Nguyen from All Sensors Corp. Provided Mr. Nguyen with a Contingency Plan Template and Site Map Template to be uploaded to CERS. Property owner notification is not required since All Sensors owns the property at this location. The facility conducts annual haz/comm training for all employees. Observed evacuation maps and emergency contact information at various areas. Require hazardous materials to be reported on CERS: 1,500-gallons of liquid nitrogen (LN2)
Eval Division:	Santa Clara County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400

Affiliation Type Desc:	Document Preparer
Entity Name:	Michael Lazzarini
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Michael Lazzarini
Entity Title:	Facility Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Michael Lazzarini
Entity Title:	Not reported
Affiliation Address:	16035 Vineyard Blvd.
Affiliation City:	Morgan Hill
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

DRAFT

ALL SENSORS INC (Continued) **S108742043**

Affiliation Type Desc:	Operator
Entity Name:	Dennis Dauenhauer
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 390-9284

Affiliation Type Desc:	Parent Corporation
Entity Name:	ALL SENSORS INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	16035 Vineyard Blvd LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(408) 225-4314

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	16035 VINEYARD BL
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95037
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	ALL SENSORS INC
Entity Title:	Not reported
Affiliation Address:	16035 VINEYARD BL
Affiliation City:	MORGAN HILL
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95037
Affiliation Phone:	(408) 225-4314

DRAFT

112 SE 1/2-1 0.558 mi. 2947 ft. | **JACKSON FAMILY TRUST**
235 TENNANT AVENUE
MORGAN HILL, CA 95037 | **ENVIROSTOR** | **S110493952**
N/A

Relative: Lower

Actual: 330 ft.

ENVIROSTOR:

Name:	JACKSON FAMILY TRUST
Address:	235 TENNANT AVENUE
City,State,Zip:	MORGAN HILL, CA 95037
Facility ID:	71002096
Status:	Certified
Status Date:	05/13/2014
Site Code:	550495
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	1.14
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Robert Senga
Supervisor:	Robert Senga
Division Branch:	Cleanup Cypress
Assembly:	30
Senate:	17
Special Program:	Voluntary Cleanup Program
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.11513
Longitude:	-121.6392
APN:	817-04-030
Past Use:	NONE
Potential COC:	TPH-diesel TPH-gas TPH-JET FUEL TPH-MOTOR OIL
Confirmed COC:	TPH-diesel
Potential Description:	SOIL
Alias Name:	817-04-030
Alias Type:	APN
Alias Name:	540033
Alias Type:	Project Code (Site Code)
Alias Name:	550495
Alias Type:	Project Code (Site Code)
Alias Name:	71002096
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Consent Agreement
Completed Date:	06/28/2013
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Oversight
Completed Date:	10/07/2013
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

DRAFT

JACKSON FAMILY TRUST (Continued) **S110493952**

Completed Document Type: Land Use Restriction - Release/Rescission
Completed Date: 03/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 02/27/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/04/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/13/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 09/23/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/06/2013
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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113 **JOLEEN WAY GROUNDWATER REMEDIATION** **ENVIROSTOR** **S100714925**
NE **S. END OF JOLEEN WAY** **N/A**
1/2-1 **MORGAN HILL, CA 95037**
0.606 mi.
3201 ft.

Relative:
Higher

Actual:
351 ft.

ENVIROSTOR:
Name: JOLEEN WAY GROUNDWATER REMEDIATION
Address: S. END OF JOLEEN WAY
City,State,Zip: MORGAN HILL, CA 95037
Facility ID: 43950010
Status: Refer: RWQCB
Status Date: 12/15/1992
Site Code: Not reported

DRAFT

JOLEEN WAY GROUNDWATER REMEDIATION (Continued) **S100714925**

Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	Not reported
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.12749
Longitude:	-121.6379
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HALOGENATED SOLVENTS
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	GLASS TEK
Alias Type:	Alternate Name
Alias Name:	43950010
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

114
ESE
1/2-1
0.763 mi.
4030 ft.

A FRENCH CLEANER
602 TENNANT STATION WAY
MORGAN HILL, CA 95037

ENVIROSTOR **S106166652**
VCP **N/A**
DRYCLEANERS
EMI
CERS

Relative:
Lower

Actual:
331 ft.

ENVIROSTOR:

Name:	A FRENCH CLEANER
Address:	602 TENNANT STATION WAY
City,State,Zip:	MORGAN HILL, CA 95037
Facility ID:	60000130
Status:	Certified
Status Date:	11/28/2016
Site Code:	201604

DRAFT

A FRENCH CLEANER (Continued) **S106166652**

Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.05
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Henry Chui
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 30
Senate: 17
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.11281
Longitude: -121.6385
APN: 817-06-055, 81706057
Past Use: DRY CLEANING, DRY CLEANING
Potential COC: Tetrachloroethylene (PCE Tetrachloroethylene (PCE
Confirmed COC: Tetrachloroethylene (PCE Tetrachloroethylene (PCE
Potential Description: SOIL, SV, SOIL
Alias Name: Morgan Hill Bowl
Alias Type: Alternate Name
Alias Name: 817-06-055
Alias Type: APN
Alias Name: 81706057
Alias Type: APN
Alias Name: 110013820017
Alias Type: EPA (FRS #)
Alias Name: 201604
Alias Type: Project Code (Site Code)
Alias Name: 60000130
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 01/26/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 03/28/2007
Comments: Amendment requires PDF submission of documents in addition to paper copy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 11/21/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement

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A FRENCH CLEANER (Continued) **S106166652**

Completed Date: 05/12/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/28/2016
Comments: DTSC certified the completion of the removal actions at the site. A soil vapor extraction system was constructed and operated until the tetrachloroethene concentrations in soil vapor were reduced to non-detectable levels in the vapor monitoring wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 05/20/2011
Comments: Letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/14/2006
Comments: Fieldwork has been completed. A report will be submitted in the 2nd week of December.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/09/2007
Comments: PCE concentration in indoor air is above acceptable limit for commercial use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/31/2007
Comments: Field work was completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/07/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/07/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/16/2007
Comments: Field work completed.

Completed Area Name: PROJECT WIDE

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A FRENCH CLEANER (Continued) **S106166652**

Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 01/15/2008
Comments: The approval letter references a workplan dated 1-11-08 however the approval letter should have referred to a later version dated 1-14-08 (a correction to the letter was made and initialed. The confusion occurred because the consultant provided two drafts dated 1-11-08 and later corrected the date on the latter version to 1-14-08.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/18/2008
Comments: Field work was completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/17/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 11/09/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan w/ESD
Completed Date: 10/02/2013
Comments: A French Cleaner has requested to modify the selected remedy for the A French Cleaner Site (Site) located at 650 Tennant Station, Morgan Hill, California. The modified remedy will not require the excavation of impacted soil from beneath the suite where the former dry cleaner operated as originally proposed in the RAW. Soil vapor extraction will be implemented at the Site as the primary cleanup action, rather than as a contingency cleanup action as outlined in the RAW. DTSC has determined that this is a significant, but not fundamental, change to the remedy as described in the RAW and has prepared and approved this Explanation of Significant Differences.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 11/24/2008
Comments: The Community Profile summarized responses to a public survey that DTSC conducted to gauge community interest in the project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 09/15/2010
Comments: Draft RAW public comment period schedule the run from October 20, 2010 thru November 20, 2010.

Completed Area Name: PROJECT WIDE

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A FRENCH CLEANER (Continued) **S106166652**

Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/17/2010
Comments: Public Notice announcing Draft RAW public comment period completed. Public Notice ran in the Morgan Hill Dispatch on October 20, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 12/14/2011
Comments: Sub-Slab Ventilation System Pilot Test Work Plan approved for implementation. The results of the pilot test will help determine if the ventilation system be either continued or extended to facilitate sub-surface soil gas remediation at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 12/11/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/21/2013
Comments: Remedy changed from soil excavation with soil vapor extraction as a contingency remedy to soil vapor extraction as the selected remedy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 08/26/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/27/2012
Comments: DTSC distributed this notice to inform the community about the upcoming pilot test of a soil vapor extraction system to determine if soil vapor extraction is an effective cleanup method for the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 01/24/2013
Comments: Pilot study indicates that soil vapor extraction is an appropriate remediation technology for the Site. DTSC will modify the selected Site remedy to soil vapor extraction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/13/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE

DRAFT

A FRENCH CLEANER (Continued) **S106166652**

Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/13/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/13/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/19/2014
Comments: The Report summarizes the operation of the soil vapor extraction (SVE) system from October 1, 2013 to March 31, 2014. Rebound testing was conducted between January 28 and March 20, 2014 and verification sample results showed that the SVE inlet PCE concentrations exceeded the SVE system restart parameter of 200 micrograms per cubic meter. The SVE system was restarted on March 21, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 02/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 09/02/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/01/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/23/2015
Comments: DTSC had provided comments on the 1st Quarter SVE Status Report and expressed a number of concerns regarding sampling methods and continued leak detections in the sample results. DTSC comments and concerns will be addressed in the revised Sampling Workplan and in future Quarterly SVE Reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/22/2015
Comments: The Second Quarter, 2015 - SVE System Status Report summarizes remedial activities conducted at the site from April 1 to June 30, 2015. DTSC provided comments on the Report and conveyed concerns

DRAFT

A FRENCH CLEANER (Continued) **S106166652**

regarding the sampling methods and continued leak detections in the sample results. DTSC comments and concerns are to be addressed in the revised Sampling Workplan and in future quarterly SVE reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/08/2016
Comments: The Report details the results of the sub-slab and soil gas confirmation sampling that was performed to confirm that the PCE soil vapor concentrations at the Site are below the removal goals established in the Final Removal Action Workplan. PCE was not detected in the confirmation sub-slab and soil gas samples. Additionally, a significant reduction in the PCE concentrations in soil vapor extraction system influent has been observed since startup, and the mass removal by the system has become negligible. DTSC has determined that no further action is required at the Site. A certification will be issued once confirmation is received that the soil vapor extraction and monitoring wells have been properly decommissioned.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Workplan
Completed Date: 10/17/2016
Comments: The Work Plan describes the procedures to properly abandon the monitoring and soil vapor extraction wells and to remove the soil vapor extraction system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 11/22/2016
Comments: The report documents the decommissioning of the four soil vapor monitoring wells and five soil vapor extraction system wells that were on the site, which was performed in accordance with the DTSC-approved work plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/22/2011
Comments: Annual Oversight Cost Estimate completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 11/05/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 06/17/2011
Comments: Collection Letter-Second Request

Completed Area Name: PROJECT WIDE

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A FRENCH CLEANER (Continued) **S106166652**

Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 09/30/2013
Comments: DTSC determined that the post-RAW remedy changes, from soil excavation with a soil vapor extraction contingency remedy to soil vapor extraction with no soil excavation is exempt from CEQA review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/09/2012
Comments: Annual DTSC oversight cost estimate for fiscal year 2012/2013 is $23,484.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/03/2013
Comments: The estimated annual oversight cost for the 2013/14 fiscal year is $27,986.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/24/2014
Comments: A French Cleaner REW and schedule for FY14/15. Scheduled activities included are SVE quarterly reports and Closure Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2016
Comments: The DTSC oversight cost estimate for all the project activities for fiscal year 2016/2017. The project activities include review of the Sub-slab and Soil Vapor Sampling Report, Well Decommissioning Workplan and Report, and preparation of the Site Certification.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 08/10/2006
Comments: PEA approved which recommends additional soil gas and groundwater sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 11/17/2006
Comments: Workplan approved requiring groundwater and indoor air asessments.

Future Area Name: Not reported

DRAFT

A FRENCH CLEANER (Continued) **S106166652**

Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

VCP:

Name:	A FRENCH CLEANER
Address:	602 TENNANT STATION WAY
City,State,Zip:	MORGAN HILL, CA 95037
Facility ID:	60000130
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0.05
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Henry Chui
Supervisor:	Mark Piros
Division Branch:	Cleanup Berkeley
Site Code:	201604
Assembly:	30
Senate:	17
Special Programs Code:	Voluntary Cleanup Program
Status:	Certified
Status Date:	11/28/2016
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.11281 / -121.6385
APN:	817-06-055, 81706057
Past Use:	DRY CLEANING, DRY CLEANING
Potential COC:	30022, 30022
Confirmed COC:	30022,, ,30022
Potential Description:	SOIL, SV, SOIL
Alias Name:	Morgan Hill Bowl
Alias Type:	Alternate Name
Alias Name:	817-06-055
Alias Type:	APN
Alias Name:	81706057
Alias Type:	APN
Alias Name:	110013820017
Alias Type:	EPA (FRS #)
Alias Name:	201604
Alias Type:	Project Code (Site Code)
Alias Name:	60000130
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	01/26/2006

DRAFT

A FRENCH CLEANER (Continued) **S106166652**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 03/28/2007
Comments: Amendment requires PDF submission of documents in addition to paper copy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 11/21/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 05/12/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/28/2016
Comments: DTSC certified the completion of the removal actions at the site. A soil vapor extraction system was constructed and operated until the tetrachloroethene concentrations in soil vapor were reduced to non-detectable levels in the vapor monitoring wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 05/20/2011
Comments: Letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/14/2006
Comments: Fieldwork has been completed. A report will be submitted in the 2nd week of December.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/09/2007
Comments: PCE concentration in indoor air is above acceptable limit for commercial use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/31/2007
Comments: Field work was completed.

Completed Area Name: PROJECT WIDE

DRAFT

A FRENCH CLEANER (Continued) **S106166652**

Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/07/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/07/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/16/2007
Comments: Field work completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 01/15/2008
Comments: The approval letter references a workplan dated 1-11-08 however the approval letter should have referred to a later version dated 1-14-08 (a correction to the letter was made and initialed. The confusion occurred because the consultant provided two drafts dated 1-11-08 and later corrected the date on the latter version to 1-14-08.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/18/2008
Comments: Field work was completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/17/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 11/09/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan w/ESD
Completed Date: 10/02/2013
Comments: A French Cleaner has requested to modify the selected remedy for the A French Cleaner Site (Site) located at 650 Tennant Station, Morgan Hill, California. The modified remedy will not require the excavation of impacted soil from beneath the suite where the former dry cleaner operated as originally proposed in the RAW. Soil vapor extraction will be implemented at the Site as the primary cleanup action, rather than as a contingency cleanup action as outlined in the RAW. DTSC has determined that this is a significant, but not fundamental, change to

DRAFT

A FRENCH CLEANER (Continued) **S106166652**

the remedy as described in the RAW and has prepared and approved this Explanation of Significant Differences.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 11/24/2008
Comments: The Community Profile summarized responses to a public survey that DTSC conducted to gauge community interest in the project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 09/15/2010
Comments: Draft RAW public comment period schedule the run from October 20, 2010 thru November 20, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/17/2010
Comments: Public Notice announcing Draft RAW public comment period completed. Public Notice ran in the Morgan Hill Dispatch on October 20, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 12/14/2011
Comments: Sub-Slab Ventilation System Pilot Test Work Plan approved for implementation. The results of the pilot test will help determine if the ventilation system be either continued or extended to facilitate sub-surface soil gas remediation at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 12/11/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/21/2013
Comments: Remedy changed from soil excavation with soil vapor extraction as a contingency remedy to soil vapor extraction as the selected remedy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 08/26/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/27/2012
Comments: DTSC distributed this notice to inform the community about the

DRAFT

A FRENCH CLEANER (Continued) **S106166652**

upcoming pilot test of a soil vapor extraction system to determine if soil vapor extraction is an effective cleanup method for the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 01/24/2013
Comments: Pilot study indicates that soil vapor extraction is an appropriate remediation technology for the Site. DTSC will modify the selected Site remedy to soil vapor extraction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/13/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/13/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/13/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/19/2014
Comments: The Report summarizes the operation of the soil vapor extraction (SVE) system from October 1, 2013 to March 31, 2014. Rebound testing was conducted between January 28 and March 20, 2014 and verification sample results showed that the SVE inlet PCE concentrations exceeded the SVE system restart parameter of 200 micrograms per cubic meter. The SVE system was restarted on March 21, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 02/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 09/02/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/01/2014
Comments: Not reported

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A FRENCH CLEANER (Continued) **S106166652**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/23/2015
Comments: DTSC had provided comments on the 1st Quarter SVE Status Report and expressed a number of concerns regarding sampling methods and continued leak detections in the sample results. DTSC comments and concerns will be addressed in the revised Sampling Workplan and in future Quarterly SVE Reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/22/2015
Comments: The Second Quarter, 2015 - SVE System Status Report summarizes remedial activities conducted at the site from April 1 to June 30, 2015. DTSC provided comments on the Report and conveyed concerns regarding the sampling methods and continued leak detections in the sample results. DTSC comments and concerns are to be addressed in the revised Sampling Workplan and in future quarterly SVE reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/08/2016
Comments: The Report details the results of the sub-slab and soil gas confirmation sampling that was performed to confirm that the PCE soil vapor concentrations at the Site are below the removal goals established in the Final Removal Action Workplan. PCE was not detected in the confirmation sub-slab and soil gas samples. Additionally, a significant reduction in the PCE concentrations in soil vapor extraction system influent has been observed since startup, and the mass removal by the system has become negligible. DTSC has determined that no further action is required at the Site. A certification will be issued once confirmation is received that the soil vapor extraction and monitoring wells have been properly decommissioned.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Workplan
Completed Date: 10/17/2016
Comments: The Work Plan describes the procedures to properly abandon the monitoring and soil vapor extraction wells and to remove the soil vapor extraction system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 11/22/2016
Comments: The report documents the decommissioning of the four soil vapor monitoring wells and five soil vapor extraction system wells that were on the site, which was performed in accordance with the DTSC-approved work plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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A FRENCH CLEANER (Continued) **S106166652**

Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/22/2011
Comments: Annual Oversight Cost Estimate completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 11/05/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 06/17/2011
Comments: Collection Letter-Second Request

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 09/30/2013
Comments: DTSC determined that the post-RAW remedy changes, from soil excavation with a soil vapor extraction contingency remedy to soil vapor extraction with no soil excavation is exempt from CEQA review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/09/2012
Comments: Annual DTSC oversight cost estimate for fiscal year 2012/2013 is $23,484.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/03/2013
Comments: The estimated annual oversight cost for the 2013/14 fiscal year is $27,986.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/24/2014
Comments: A French Cleaner REW and schedule for FY14/15. Scheduled activities included are SVE quarterly reports and Closure Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2016
Comments: The DTSC oversight cost estimate for all the project activities for fiscal year 2016/2017. The project activities include review of the

DRAFT

A FRENCH CLEANER (Continued) **S106166652**

Sub-slab and Soil Vapor Sampling Report, Well Decommissioning Workplan and Report, and preparation of the Site Certification.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 08/10/2006
Comments: PEA approved which recommends additional soil gas and groundwater sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 11/17/2006
Comments: Workplan approved requiring groundwater and indoor air asessments.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DRYCLEANERS:
Name: A FRENCH CLEANER
Address: 602 TENNANT STATION WAY
City,State,Zip: MORGAN HILL, CA 950370000
EPA Id: CAL000207389
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 05/27/1999
Facility Active: No
Inactive Date: 06/30/2000
Facility Addr2: Not reported
Owner Name: ALAIN BARAN
Owner Address: 602 TENNANT STATION WAY
Owner Address 2: Not reported
Owner Telephone: 0000000000
Contact Name: ALAIN BARAN/OWNER
Contact Address: 415 VINEYARD TOWN CENTER
Contact Address 2: Not reported
Contact Telephone: 4087780087
Mailing Name: Not reported
Mailing Address 1: 415 VINEYARD TOWN CENTER
Mailing Address 2: Not reported
Mailing City: MORGAN HILL
Mailing State: CA
Mailing Zip: 950370000
Owner Fax: Not reported
Region Code: 2

DRAFT

A FRENCH CLEANER (Continued) **S106166652**

EMI:

Name:	TERRAX ENVIRONMENTAL
Address:	602 TENNANT STATION
City,State,Zip:	MORGAN HILL, CA 95037
Year:	2013
County Code:	43
Air Basin:	SF
Facility ID:	21429
Air District Name:	BA
SIC Code:	1799
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.002
Reactive Organic Gases Tons/Yr:	0.0013972
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	TERRAX ENVIRONMENTAL
Address:	602 TENNANT STATION
City,State,Zip:	MORGAN HILL, CA 95037
Year:	2014
County Code:	43
Air Basin:	SF
Facility ID:	21429
Air District Name:	BA
SIC Code:	1799
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.00264164
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	TERRAX ENVIRONMENTAL
Address:	602 TENNANT STATION
City,State,Zip:	MORGAN HILL, CA 95037
Year:	2015
County Code:	43
Air Basin:	SF
Facility ID:	21429
Air District Name:	BA
SIC Code:	1799
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.0262e-005
Reactive Organic Gases Tons/Yr:	1.41550332e-005
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0

DRAFT

A FRENCH CLEANER (Continued) **S106166652**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: TERRAX ENVIRONMENTAL
Address: 602 TENNANT STATION
City,State,Zip: MORGAN HILL, CA 95037
Year: 2016
County Code: 43
Air Basin: SF
Facility ID: 21429
Air District Name: BA
SIC Code: 1799
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2.0262e-005
Reactive Organic Gases Tons/Yr: 1.41550332e-005
Carbon Monoxide Emissions Tons/Yr: Not reported
NOX - Oxides of Nitrogen Tons/Yr: Not reported
SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

CERS:
Name: TERRAX ENVIRONMENTAL
Address: 602 TENNANT STATION
City,State,Zip: MORGAN HILL, CA 95037
Site ID: 516549
CERS ID: 110070059191
CERS Description: US EPA Air Emission Inventory System (EIS)

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115 East 1/2-1 0.807 mi. 4263 ft. | **BARRETT AVENUE ELEMENTARY**
895 BARRETT AVENUE
MORGAN HILL, CA 95037 | **ENVIROSTOR SCH** | **S104567919 N/A**

Relative: Higher
Actual: 345 ft.

ENVIROSTOR:
Name: BARRETT AVENUE ELEMENTARY
Address: 895 BARRETT AVENUE
City,State,Zip: MORGAN HILL, CA 95037
Facility ID: 43010020
Status: Certified
Status Date: 09/07/2000
Site Code: 204007
Site Type: School Cleanup
Site Type Detailed: School
Acres: 10
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana
Assembly: 30
Senate: 17

DRAFT

BARRETT AVENUE ELEMENTARY (Continued) **S104567919**

Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 37.12358
Longitude: -121.6315
APN: 817-10-052
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: * Pesticides - Wastes From Production * delta-BHC (delta-HCH Arsenic DDD DDE DDT Endrin Lead Toxaphene Copper and compounds Dieldrin Endosulfan Heptachlor epoxide HCH (alpha Tin
Confirmed COC: Toxaphene Dieldrin
Potential Description: SOIL
Alias Name: BARRETT AVENUE ELEMENTARY
Alias Type: Alternate Name
Alias Name: BARRETT ELEMENTARY SCHOOL/VCA
Alias Type: Alternate Name
Alias Name: MORGAN HILL USD - BARRETT AV. ELEM.
Alias Type: Alternate Name
Alias Name: 817-10-052
Alias Type: APN
Alias Name: 110033617085
Alias Type: EPA (FRS #)
Alias Name: 201278
Alias Type: Project Code (Site Code)
Alias Name: 204007
Alias Type: Project Code (Site Code)
Alias Name: 43010020
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/17/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/07/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 01/13/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 06/30/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo

DRAFT

BARRETT AVENUE ELEMENTARY (Continued) **S104567919**

Completed Date: 10/06/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/17/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/20/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 09/07/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Action Memorandum (if <$1M)
Completed Date: 06/30/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: BARRETT AVENUE ELEMENTARY
Address: 895 BARRETT AVENUE
City,State,Zip: MORGAN HILL, CA 95037
Facility ID: 43010020
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 10
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana
Site Code: 204007
Assembly: 30
Senate: 17

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BARRETT AVENUE ELEMENTARY (Continued) **S104567919**

Special Program Status:	Not reported
Status:	Certified
Status Date:	09/07/2000
Restricted Use:	NO
Funding:	School District
Latitude:	37.12358
Longitude:	-121.6315
APN:	817-10-052
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	* Pesticides - Wastes From Production, * delta-BHC (delta-HCH, Arsenic, DDD, DDE, DDT, Endrin, Lead, Toxaphene, Copper and compounds, Dieldrin, Endosulfan, Heptachlor epoxide, HCH (alpha, Tin
Confirmed COC:	Toxaphene, Dieldrin
Potential Description:	SOIL
Alias Name:	BARRETT AVENUE ELEMENTARY
Alias Type:	Alternate Name
Alias Name:	BARRETT ELEMENTARY SCHOOL/VCA
Alias Type:	Alternate Name
Alias Name:	MORGAN HILL USD - BARRETT AV. ELEM.
Alias Type:	Alternate Name
Alias Name:	817-10-052
Alias Type:	APN
Alias Name:	110033617085
Alias Type:	EPA (FRS #)
Alias Name:	201278
Alias Type:	Project Code (Site Code)
Alias Name:	204007
Alias Type:	Project Code (Site Code)
Alias Name:	43010020
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	10/17/1999
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	09/07/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	01/13/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* CEQA
Completed Date:	06/30/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

DRAFT

BARRETT AVENUE ELEMENTARY (Continued) **S104567919**

Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/06/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/17/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/20/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 09/07/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Action Memorandum (if <$1M)
Completed Date: 06/30/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MORGAN HILL	S111120580	FORMER WHITE GASOLINE	MONTEREY RD & WATSONVILLE RD		LUST
MORGAN HILL	S107540057		ON SAN PEDRO AVE, 1 MI S OF HI	95037	CDL

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

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Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

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RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/22/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 41

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

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Federal ERNS list

ERNS: Emergency Response Notification System
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites
Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database
The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System
Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

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Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/13/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

DRAFT

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

DRAFT

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Semi-Annually

DRAFT

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/03/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

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Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/20/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 34

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

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Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 34

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

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Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 55

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

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Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 04/15/2019
Number of Days to Update: 52

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/11/2018
Number of Days to Update: 29

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 32

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

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Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 27

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 49

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 10/24/2018
Date Data Arrived at EDR: 01/24/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 40

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 06/24/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

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SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 03/07/2019
Date Data Arrived at EDR: 04/03/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 50

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

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Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/13/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/07/2019
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/18/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

DRAFT

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/24/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

DRAFT

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2019
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

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COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/07/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/07/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

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Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 51

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 30

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program
DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites
Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

DRAFT

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/27/2018
Date Data Arrived at EDR: 02/27/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

DRAFT

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019
Date Data Arrived at EDR: 03/28/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 34

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/15/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 03/15/2019
Number of Days to Update: 10

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/05/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/07/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

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DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/21/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 39

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 04/18/2019
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 11

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

DRAFT

Date of Government Version: 03/01/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/19/2019
Date Data Arrived at EDR: 03/22/2019
Date Made Active in Reports: 04/09/2019
Number of Days to Update: 18

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/23/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/24/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 11/02/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 41

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/18/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/15/2019
Date Data Arrived at EDR: 05/16/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 63

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

DRAFT

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 54

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 34

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

DRAFT

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/05/2019
Number of Days to Update: 31

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/18/2019
Date Data Arrived at EDR: 03/19/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

DRAFT

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

DRAFT

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

DRAFT

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

DRAFT

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List
The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank
The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 70

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

DRAFT

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 01/07/2019
Date Data Arrived at EDR: 01/08/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 58

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 27

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/24/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 05/17/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/22/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 56

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

DRAFT

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 29

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/20/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

DRAFT

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 63

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 05/06/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 07/16/2019
Number of Days to Update: 70

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/16/2019
Date Data Arrived at EDR: 05/17/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 13

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/12/2019
Number of Days to Update: 28

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LASSEN COUNTY:

DRAFT

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/17/2019
Date Data Arrived at EDR: 01/18/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 46

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/16/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 63

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/15/2019
Date Data Arrived at EDR: 04/16/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 66

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/17/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

DRAFT

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 04/16/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 66

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/17/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

DRAFT

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/04/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 13

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/29/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 53

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 05/23/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 53

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/23/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

MONTEREY COUNTY:

DRAFT

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 02/05/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 26

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 9

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/13/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

DRAFT

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 07/16/2019
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/12/2019
Number of Days to Update: 42

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/12/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 18

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/12/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 69

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

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Date of Government Version: 02/05/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 06/18/2019
Number of Days to Update: 77

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/06/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 79

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 07/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/31/2019
Date Data Arrived at EDR: 05/31/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 52

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

DRAFT

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 63

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

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CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 05/16/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 56

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

DRAFT

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/19/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 60

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 53

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 27

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

DRAFT

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 03/18/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 33

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

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Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/28/2019
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 05/09/2019
Date Data Arrived at EDR: 05/10/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 68

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 63

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

DRAFT

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 35

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/26/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 21

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 76

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/03/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 07/16/2019
Number of Days to Update: 70

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/04/2019
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

DRAFT

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/01/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/17/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

DRAFT

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

409000
16685 CHURCH STREET
MORGAN HILL, CA 95037

TARGET PROPERTY COORDINATES

Latitude (North):	37.1213 - 37˚ 7' 16.68''
Longitude (West):	121.646301 - 121˚ 38' 46.68''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	620261.2
UTM Y (Meters):	4108982.8
Elevation:	337 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640078 MOUNT MADONNA, CA
Version Date:	2012
Northwest Map:	5640402 MORGAN HILL, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

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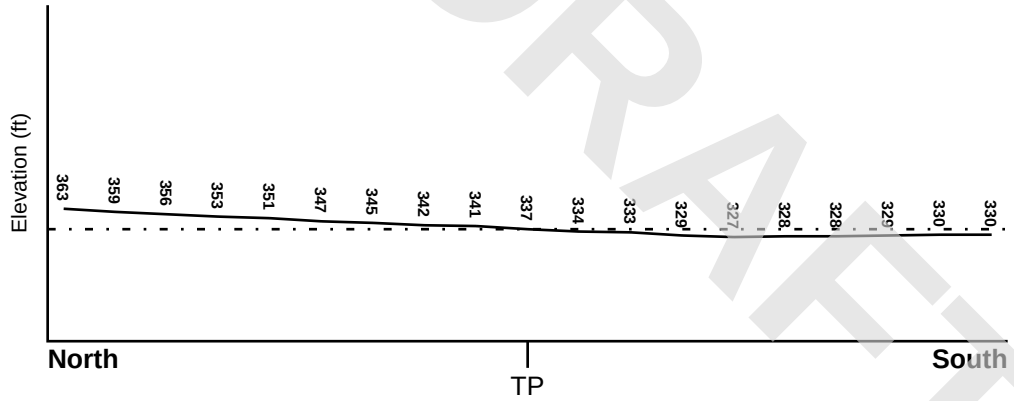
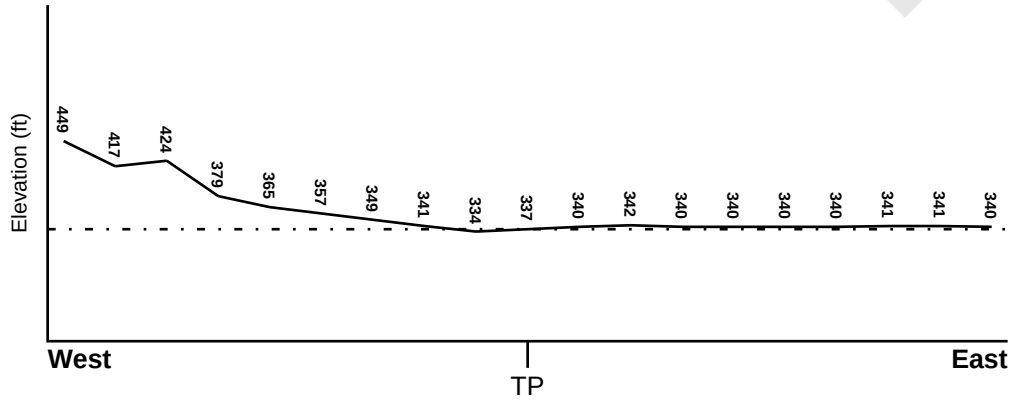
SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 337 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06085C0607H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06085C0443H	FEMA FIRM Flood data
06085C0444H	FEMA FIRM Flood data
06085C0606H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
MOUNT MADONNA	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/2 - 1 Mile SE
Site Name:	OLIN CORP MORGAN HILL PLT
Site EPA ID Number:	CAD009183831
Groundwater Flow Direction:	Southeast
Measured Depth to Water:	80 feet.
Hydraulic Connection:	The aquifer underlying the site is unconfined.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW

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* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
A1	1/4 - 1/2 Mile NW	N,NE,E,Varie
A2	1/4 - 1/2 Mile NW	NW
1G	1/4 - 1/2 Mile NW	N,NE,E,Varie
2G	1/4 - 1/2 Mile NW	NW

For additional site information, refer to Physical Setting Source Map Findings.

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Mesozoic
System:	Cretaceous
Series:	Upper Mesozoic
Code:	uMze*(decoded above as Era, System & Series)*

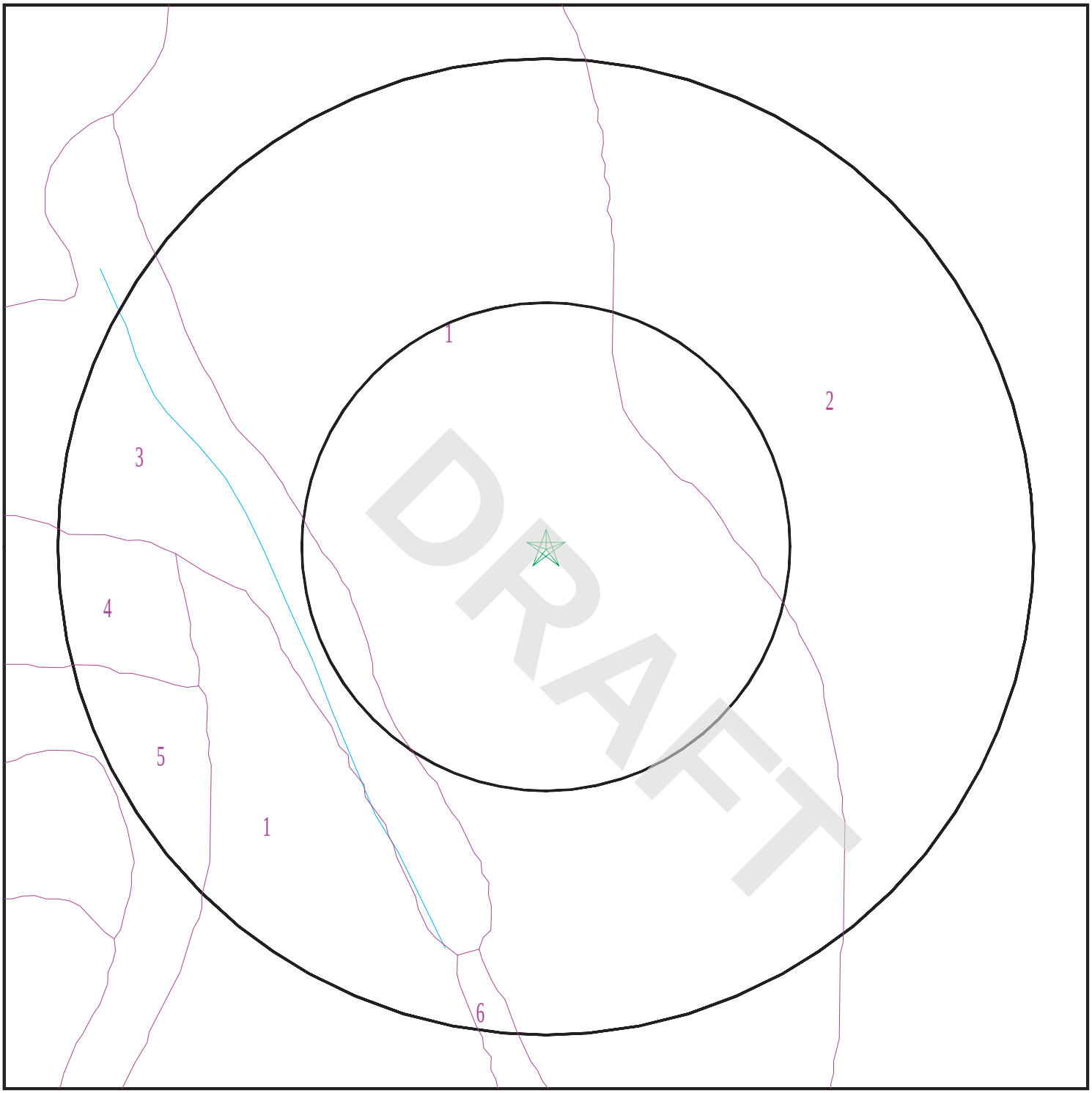
GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DRAFT

SSURGO SOIL MAP - 5725644.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME: 409000 ADDRESS: 16685 Church Street Morgan Hill CA 95037 LAT/LONG: 37.1213 / 121.646301	CLIENT: AEI Consultants CONTACT: Lacee Elam INQUIRY #: 5725644.2s DATE: July 23, 2019 3:12 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: SAN YSIDRO

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 183 inches

DRAFT

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	20 inches	35 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
3	35 inches	50 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
4	50 inches	59 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

Soil Map ID: 2

Soil Component Name: ARBUCKLE

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 6.2
2	20 inches	40 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 6.2
3	40 inches	59 inches	very gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 6.2

Soil Map ID: 3

Soil Component Name: CROPLEY

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

DRAFT

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	14 inches	35 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
3	35 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

DRAFT

Soil Map ID: 4

Soil Component Name: LOS ROBLES

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.6
2	14 inches	59 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.6

DRAFT

Soil Map ID: 5

Soil Component Name: KEEFERS

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	22 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 0.42	Max: 7.8 Min: 7.4

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	22 inches	38 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 0.42	Max: 7.8 Min: 7.4
3	38 inches	59 inches	very gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 0.42	Max: 7.8 Min: 7.4

DRAFT

Soil Map ID: 6

Soil Component Name: PLEASANTON

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	18 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	18 inches	44 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
3	44 inches	66 inches	gravelly sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

DRAFT

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
4	CA4300917	1/2 - 1 Mile NW

Note: PWS System location is not always the same as well location.

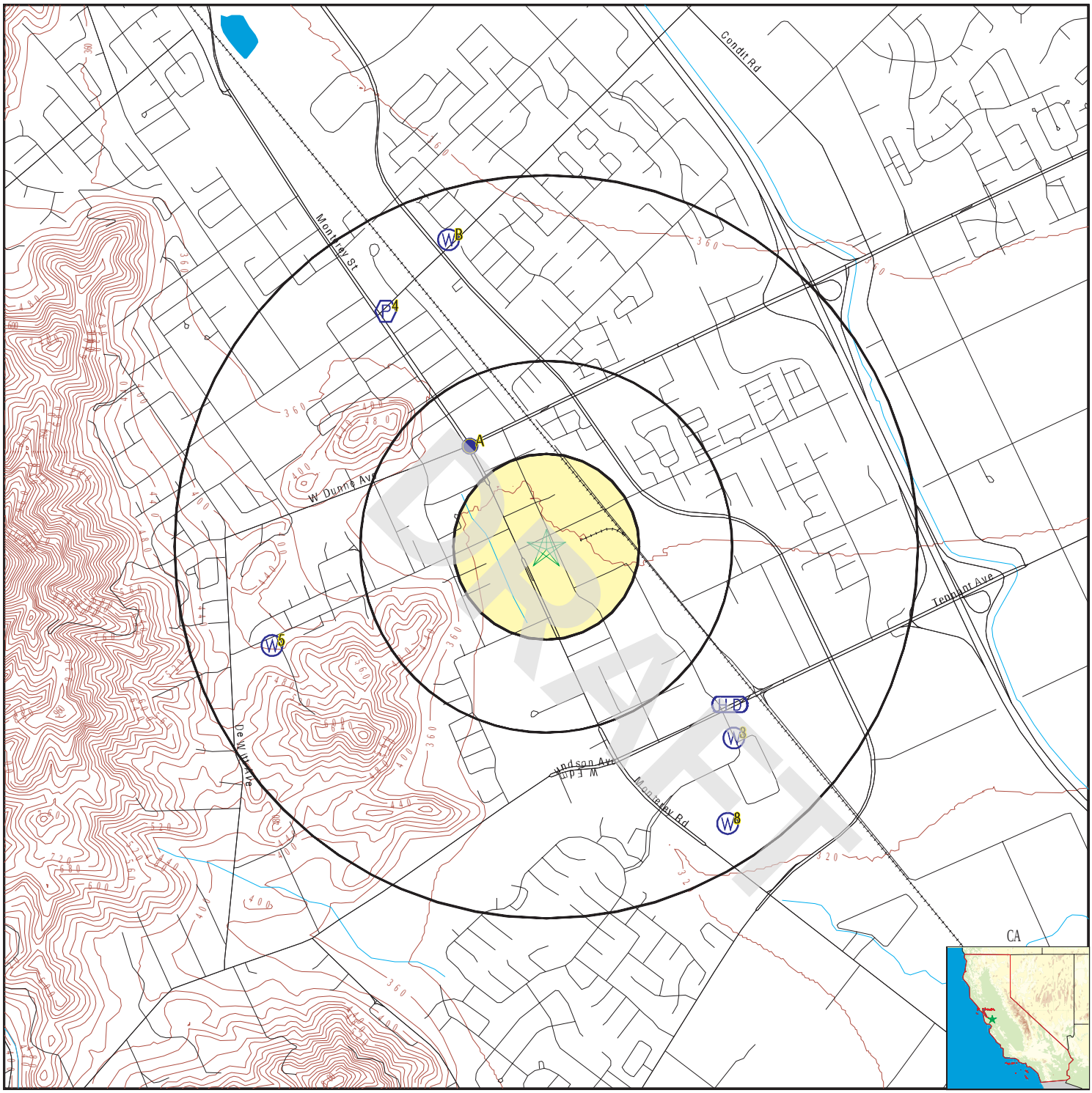
GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
3	9404	1/2 - 1 Mile SE
5	9398	1/2 - 1 Mile WSW
B6	9386	1/2 - 1 Mile NNW
B7	9397	1/2 - 1 Mile NNW
8	9405	1/2 - 1 Mile SSE

DRAFT

PHYSICAL SETTING SOURCE MAP - 5725644.2s



County Boundary
Major Roads
Contour Lines
Earthquake Fault Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
Closest Hydrogeological Data
Oil, gas or related wells

N

SITE NAME:	409000	CLIENT:	AEI Consultants
ADDRESS:	16685 Church Street Morgan Hill CA 95037	CONTACT:	Lacee Elam
		INQUIRY #:	5725644.2s
LAT/LONG:	37.1213 / 121.646301	DATE:	July 23, 2019 3:12 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
A1 **NW** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	587 N,NE,E,Varie 5 7 Not Reported 08/28/1992	**AQUIFLOW**	**50087**
A2 **NW** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	590 NW 3.48 5.80 Not Reported 10/10/1995	**AQUIFLOW**	**64620**

3
SE
1/2 - 1 Mile
Lower

CA WELLS **9404**

Seq:	9404	Prim sta c:	09S/03E-34D06 M
Frds no:	4310006014	County:	43
District:	05	User id:	HEN
System no:	4310006	Water type:	G
Source nam:	TENNANT WELL	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	370650.0	Longitude:	1213810.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4310006	System nam:	City of Morgan Hill
Hqname:	Not Reported	Address:	17555 Peak Avenue
City:	Morgan Hill	State:	CA
Zip:	95037	Zip ext:	Not Reported
Pop serv:	27948	Connection:	9290
Area serve:	CITY OF MORGAN HILL		

4
NW
1/2 - 1 Mile
Higher

FRDS PWS **CA4300917**

Epa region:	09	State:	CA
Pwsid:	CA4300917	Pwsname:	CALIFORNIA DIV OF FORESTRY
Cityserved:	Not Reported	Stateserved:	CA
Zipserved:	Not Reported	Fipscounty:	06085
Status:	Closed	Retpopsrvd:	25
Pwssvcconn:	5	Psource longname:	Groundwater
Pwstype:	TNCWS	Owner:	State_Govt
Contact:	CALIFORNIA DIV OF FORESTRY		
Contactorgname:	Not Reported	Contactphone:	Not Reported
Contactaddress1:	Not Reported	Contactaddress2:	Not Reported
Contactcity:	MORGAN HILL	Contactstate:	CA
Contactzip:	95037	Pwsactivitycode:	N

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PWS ID:	CA4300917	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	CA4300917
Activity status:	Active	Date system activated:	8405
Date system deactivated:	Not Reported	Retail population:	00000025
System name:	CALIFORNIA DIV OF FORESTRY		
System address:	Not Reported	System city:	MORGAN HILL
System state:	CA	System zip:	95037
County FIPS:	Not Reported	City served:	NC PARK RES
Population served:	Under 101 Persons	Treatment:	Untreated
Latitude:	370750	Longitude:	1213911

5
WSW
1/2 - 1 Mile
Higher

CA WELLS 9398

Seq:	9398	Prim sta c:	09S/03E-29R07 M
Frds no:	4300566001	County:	43
District:	73	User id:	43C
System no:	4300566	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	370703.0	Longitude:	1213931.0
Precision:	3	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4300566	System nam:	SPRING AVENUE MUTUAL
Hqname:	Not Reported	Address:	630 SPRING
City:	MORGAN HILL	State:	CA
Zip:	95037	Zip ext:	Not Reported
Pop serv:	25	Connection:	7
Area serve:	Not Reported		

B6
NNW
1/2 - 1 Mile
Higher

CA WELLS 9386

Seq:	9386	Prim sta c:	09S/03E-21K04 M
Frds no:	4310006012	County:	43
District:	05	User id:	HEN
System no:	4310006	Water type:	G
Source nam:	MAIN AVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	370800.0	Longitude:	1213900.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4310006	System nam:	City of Morgan Hill
Hqname:	Not Reported	Address:	17555 Peak Avenue
City:	Morgan Hill	State:	CA

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip:	95037	Zip ext:	Not Reported
Pop serv:	27948	Connection:	9290
Area serve:	CITY OF MORGAN HILL		
Sample date:	22-MAY-17	Finding:	47.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAY-17	Finding:	11.75
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-MAY-17	Finding:	0.19
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	22-MAY-17	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	22-MAY-17	Finding:	7.61
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-MAY-17	Finding:	120.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAY-17	Finding:	150.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAY-17	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-MAY-17	Finding:	203.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAY-17	Finding:	2.2
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-MAY-17	Finding:	21.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAY-17	Finding:	27.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAY-17	Finding:	1.3
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAY-17	Finding:	73.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAY-17	Finding:	40.
Chemical:	SULFATE	Report units:	MG/L

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Dlr:	0.5		
Sample date:	22-MAY-17	Finding:	0.13
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	22-MAY-17	Finding:	340.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-MAY-16	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-MAR-15	Finding:	2.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	28-MAY-14	Finding:	589.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	28-MAY-14	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	28-MAY-14	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	28-MAY-14	Finding:	171.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	28-MAY-14	Finding:	300.
Chemical:	NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-MAY-14	Finding:	224.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	28-MAY-14	Finding:	50.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-MAY-14	Finding:	24.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-MAY-14	Finding:	30.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-MAY-14	Finding:	1.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-MAY-14	Finding:	66.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

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Sample date:	28-MAY-14	Finding:	35.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	28-MAY-14	Finding:	65.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	28-MAY-14	Finding:	8.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	28-MAY-14	Finding:	308.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-MAY-14	Finding:	0.45
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	28-MAY-14	Finding:	0.1
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	28-MAY-14	Finding:	11.7
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	28-MAY-14	Finding:	3000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-MAY-14	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	22-JUL-13	Finding:	570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	29-MAY-13	Finding:	1.4
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-MAY-13	Finding:	2700.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-MAY-13	Finding:	3.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	29-MAY-13	Finding:	569.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	29-MAY-13	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	29-MAY-13	Finding:	131.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L

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Dlr:	0.		
Sample date:	29-MAY-13	Finding:	160.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	29-MAY-13	Finding:	205.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-MAY-13	Finding:	46.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-MAY-13	Finding:	22.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-MAY-13	Finding:	29.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-MAY-13	Finding:	60.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	29-MAY-13	Finding:	32.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	29-MAY-13	Finding:	69.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	29-MAY-13	Finding:	3.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	29-MAY-13	Finding:	13.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	29-MAY-13	Finding:	348.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-MAY-13	Finding:	0.28
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	29-MAY-13	Finding:	10.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-JAN-12	Finding:	520.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

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Map ID Direction Distance Elevation	Database	EDR ID Number
B7 **NNW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**9397**

Seq:	9397	Prim sta c:	09S/03E-28B02 M
Frds no:	4310006007	County:	43
District:	05	User id:	HEN
System no:	4310006	Water type:	G
Source nam:	DIANA WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	370800.0	Longitude:	1213900.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4310006	System nam:	City of Morgan Hill
Hqname:	Not Reported	Address:	17555 Peak Avenue
City:	Morgan Hill	State:	CA
Zip:	95037	Zip ext:	Not Reported
Pop serv:	27948	Connection:	9290
Area serve:	CITY OF MORGAN HILL		

Sample date:	26-NOV-12	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-NOV-12	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-NOV-12	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-NOV-12	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-OCT-12	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-OCT-12	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-OCT-12	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-OCT-12	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-OCT-12	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

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Sample date:	24-SEP-12	Finding:	30.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-SEP-12	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-SEP-12	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-SEP-12	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-AUG-12	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-12	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-AUG-12	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-JUL-12	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-JUL-12	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-12	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JUL-12	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-JUN-12	Finding:	30.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-JUN-12	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-MAY-12	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	31-JAN-12	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	31-JAN-12	Finding:	400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

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Dlr: 0.

8
SSE
1/2 - 1 Mile
Lower

CA WELLS **9405**

Seq:	9405	Prim sta c:	09S/03E-34E02 M
Frds no:	4300628001	County:	43
District:	73	User id:	43C
System no:	4300628	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	370638.0	Longitude:	1213811.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4300628	System nam:	CALIF DIV OF FORESTRY
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

1G
NW
1/4 - 1/2 Mile
Lower

AQUIFLOW **50087**

Site ID:	587
Groundwater Flow:	N,NE,E,Varie
Shallow Water Depth:	5
Deep Water Depth:	7
Average Water Depth:	Not Reported
Date:	08/28/1992

2G
NW
1/4 - 1/2 Mile
Lower

AQUIFLOW **64620**

Site ID:	590
Groundwater Flow:	NW
Shallow Water Depth:	3.48
Deep Water Depth:	5.80
Average Water Depth:	Not Reported
Date:	10/10/1995

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95037	21	0

Federal EPA Radon Zone for SANTA CLARA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95037

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	-0.300 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

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PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

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PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

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PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

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APPENDIX D

HISTORICAL SOURCES

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409000
16685 Church Street
Morgan Hill, CA 95037

Inquiry Number: 5725644.8
July 26, 2019

DRAFT

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2014	☑	☐	EDR Digital Archive
2010	☑	☐	EDR Digital Archive
2005	☑	☐	EDR Digital Archive
2000	☑	☐	EDR Digital Archive
1995	☑	☐	EDR Digital Archive
1992	☑	☐	EDR Digital Archive
1986	☑	☐	Haines Criss-Cross Directory
1980	☑	☐	Haines Criss-Cross Directory
1975	☑	☐	Haines Criss-Cross Directory
1970	☑	☐	POLK DIRECTORY CO
1964	☐	☐	Polk's City Directory

FINDINGS

TARGET PROPERTY STREET

16685 Church Street
Morgan Hill, CA 95037

Year	CD Image	Source	
CHURCH ST			
2014	pg A1	EDR Digital Archive	
2010	pg A2	EDR Digital Archive	
2005	pg A4	EDR Digital Archive	
2000	pg A5	EDR Digital Archive	
1995	pg A6	EDR Digital Archive	
1992	pg A7	EDR Digital Archive	
1986	pg A8	Haines Criss-Cross Directory	
1980	pg A10	Haines Criss-Cross Directory	
1980	pg A9	Haines Criss-Cross Directory	
1975	pg A11	Haines Criss-Cross Directory	
1975	pg A12	Haines Criss-Cross Directory	
1970	pg A13	POLK DIRECTORY CO	
1970	pg A14	POLK DIRECTORY CO	
1964	-	Polk's City Directory	Target and Adjoining not listed in Source

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FINDINGS

CROSS STREETS

No Cross Streets Identified

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City Directory Images

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Target Street	Cross Street	Source
✓	-	EDR Digital Archive

CHURCH ST 2014

16355	BONDI, JOSEPH A
16405	ALOSI, JOE J
16455	FERNSTROM DARREN
	MORGAN HILL AUTO BODY
16485	CALIFORNIA PROF CAR CARE
	GREEN COMMUNITY MOVEMENT CORP
	VILLAGE MORTORS
16570	AIRCRAFT BULDERS COOP LLC
	AKINS ENTERPRISES
	ALMADEN VALLEY PRINTING CO
	AVIENTE AUTO SALES
	KLEE GROUP SOFTWARE INC
	LITESPEED MOTOR CARS LLC
16670	MONTEREY AUTO SVC MRGAN HL INC
16755	MORALES, TANYA
16765	5 STAR YELLOW CAB
	LIMO-5 LLC
	LOPEZ, ROBERT G
16805	NGUYEN, LINCOLN D
16809	OCCUPANT UNKNOWN,
16813	ARNOLD, ANDRE L
16817	DELOSSANTOS, NARDO G

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Target Street	Cross Street	Source
✓	-	EDR Digital Archive

CHURCH ST 2010

16355	OCCUPANT UNKNOWN,
16390	WESTBOX
16405	ALOSI, JOE J
16415	MAY FRED
16455	MORGAN HILL AUTO BODY
16485	RICH-WAY ENTERPRISES INC
	VILLAGE MORTORS
16570	AIRCRAFT BULDERS COOP LLC
	AMERICAN BASELINE COMPANY
	APPLIANCE EXPERTS
	CAL TURF & STONE
	DARK HORSE MOTORCARS
	GRAFIKX DESIGNS & SIGNS
	JOULEDATA ENTERPRISES LLC
	LITESPEED MOTOR CARS LLC
	SETA SYSTEMS INC
	SILICON VALLEY PHOTOGRAPHY
	TWO WHEEL INSTRUMENTS
16670	MONTEREY AUTO SVC MRGAN HL INC
16685	OCCUPANT UNKNOWN,
16755	ALOSI, ANTHONY P
16765	SINGH, AVTAR
16855	ST THOMAS CONSTRUCTION INC
16865	AVON
16890	A P CUSTOM CABINETS
	ALL PHASE SERVICES LLC
	CALIFORNIA CABINET
	CALIFORNIA DRAWERS
	DETAILED OFFICE SERVICES
	ENVIRNMNTAL PRCREMENT INDS INC
	EWIRED SOLUTIONS INC
	HEICKS CABINET SHOP INC
	J B M CUSTOM CABINETS INC
	JAMES STEVEN SCHWERM INC
	JANET FARIDNIA SERV
	JVM ENTERPRISES INC
	LECTRONET INC
	MORGAN HL SLID OAK VNTIAN PDTS
	NORTH EAST WEST S MGNTIC CORP
	PEGASUS PERFORMANCE
	POLLACK INVESTMENTS
	PRECAST ONLY
	RAWSON CUSTOM CABINETS INC
	RODRIGUEZ RACING EQUIPMENT
	SCHWERN JAMES
	SISTERS OF PRESENTATION
	SOUTH COUNTY IND PARK
	VG PRECISION COMPONENTS
	VIPUR
	VON GIESE LEONARD

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Target Street	Cross Street	Source
✓	-	EDR Digital Archive

CHURCH ST 2010 (Cont'd)

16915 3 WISHES

DRAFT

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

CHURCH ST 2005

16355	BONDI FAMILY TRUST EXECUTED OC
	BROWN, DANIEL P
16405	ALOSI, JOE J
16415	MAY FRED
16455	DACNSAC INC
16485	SABLA AUTO SALES
	T&R UPHOLSTERY & RESTORATION
16670	ENGEBRETSON RON M
	MONTEREY AUTO SVC OF MORGAN HL
	QUALITY TRANSMISSIONS
	RITEWAY AUTOMOTIVE
16685	OCCUPANT UNKNOWN,
16855	DAVIDSON, MELONIE
16865	OCCUPANT UNKNOWN,
16890	BUFFINGTON & SON CONSTRUCTION
	CALIFORNIA LIVING
	FLEXTEK COMPONENTS OF CAL
	GRANADOS J M MARBLE WORK
	GRAPHIC CONCEPTS
	JON, MAXEY T
	MARBLE GRANITE MASTERS
	PEGASUS PERFORMANCE
	SOUTH COUNTY IND PARK
16925	ZUBOW, IVAN M
16935	FLETCHER, HELEN
16945	NIEBLAS, J

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Target Street	Cross Street	Source
✓	-	EDR Digital Archive

CHURCH ST 2000

16355	BONDI, SAM
16405	ALOSI, JOE
16415	N C METALS
16455	DAC-N-SAC INC
	MORGAN HILL AUTO BODY
16485	MORGAN MOTORS
16505	LAA, WILLIAM
	REYES, SOPHIA
16670	MONTEREY AUTO SVC OF MORGAN HL
16890	BUFFINGTON & SON CONSTRUCTION
	FLEXTEK COMPONENTS OF CAL
	SCHWERN JAMES
	SILICON CASEWORK
	SOUTH COUNTY IND PARK
	WESBOX
	WOODCRAFT MFG INC
16985	MONGES, STEVE

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Target Street	Cross Street	Source
✓	-	EDR Digital Archive

CHURCH ST 1995

16355	BONDI, SAM
	MORGAN HILL AUCTION COMPANY
16405	ALOSI, JOE
16415	EUROPEAN DYNAMICS
16455	DAC-N-SAC INC
16485	GERIN WELDING SALES INC
16505	LAA, WILLIAM
16685	WEBB, CARL
16855	OCCUPANT UNKNOWNN
16865	OCCUPANT UNKNOWNN
16890	BUFFINGTON & SON CONSTRUCTION
	SMITH, P M
	SOUTH COUNTY IND PARK
	WESBOX
16955	OCCUPANT UNKNOWNN

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Target Street	Cross Street	Source
✓	-	EDR Digital Archive

CHURCH ST 1992

16355	BONDI, SAM
	MORGAN HILL AUCTION COMPANY
16405	ALOSI, JOE
16415	FREDS FOREIGN CAR REPAIR
16455	EUROPEAN DYNAMICS
	KLASSIC BODY WORKS
16485	J & R TRUCKING
16505	LAA, WILLIAM
16685	GRAY GR & ASSOC INC
16865	DURHAM, TODD
16890	D & A ENGINEERING CO
	JOE HENRYS BEDDING
	SMITH, P M
	SOUTH COUNTY IND PARK
	W M S ENTERPRISES
	WESBOX
16985	MOORE, DARYL

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Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

CHURCH ST 1986

16345	*PARKER SPENCER T	779-7168	+6
16355	BONDI SAM	779-3882	
16405	ALOSI JOE	779-3872	
16415	XXXX	00	
16485	XXXX	00	
16575	XXXX	00	
16685	DZERIGIAN MILLIE E	779-5072	7
16765	BUENO JULIAN	779-4976	0
16865	XXXX	00	
16890	BUILDING		
	*AMER MATLFRAME CO	778-1150	+6
	*BECHERS CSTM FXTRS	779-8929	5
	*CABINEX MFG	779-8023	5
	*CONTEMPORARY DESIGN	779-1989	5
	*DENNYS LUMBER MART	778-0116	5
	*J&J QLTY TOOL&DIE	578-6055	5
	*J&J QUALITY TOOL CO	779-6971	4
	*K L M ELECTRONICS	779-7363	2
	*LIFETIME PLASTICS	261-3175	2
	*LIFETIME PLASTICS	778-1313	2
	*MIRAGE COMMNCTNS	779-7363	+6
	*MISSION BELL MFG	248-7736	2
	*MISSION BELL MFG	778-2036	2
	*SOUTH CO INDS PK	778-0129	2
	*SOUTH VLY GYMNASTIC	779-6441	3
	*WEST BOX	779-4222	4
16890			
16925	XXXX	00	
16945	XXXX	00	
16955	BOOTWALA HABIB	779-2513	4

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

CHURCH ST 1980

16345	XXXX	00	
16355	BONDI SAM	779-3882	4
16405	ALOSI JOE	779-3872	
16415	XXXX	00	
16485	DWIGHT MIKE CSTM PN	779-2331	+0
16505	BELTRAM LUIS B	779-9458	4
16575	VASQUE PETE	779-9607	+0

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Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

CHURCH ST 1980

..CHURCH 95037 CONT..

16685	DZERIGIAN MILLIE E	779-5072	7
16765	BUENO JULIAN	779-4976	+0
16865	XXXX	00	
16890	AMERICAN CLIPPER	779-9152	7
	RECREATION COACH	779-9152	4
16925	XXXX	00	
16945	HENRANDEZ VICTOR B	779-2448	+0
	HERMANDEZ VICTOR B	779-5758	+0
16955	WHITEHEAD DANL	779-8877	9

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Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

CHURCH ST 1975

16345	MCGEE GEO J	779-3954 4
16355	BONDI SAM	779-3882 4
16405	ALOSI JOE	779-3872
	THOMAS CALVIN U	779-5669+5
16415	XXXX	OO

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Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

CHURCH ST 1975

```
..CHURCH                    95037 CONT..
16505 BELTRAM LUIS B          779-9458 4
      SEGURA TRINIDAD         779-4633+5
      TORRES VICTOR           779-2580 3
16575 VASQUEZ PETE            779-9355+5
16685 MORLAN GARY             779-2932+5
16865 SCHMALTZ RANDY          779-2233+5
16890*COUNTRY PRESS           779-5498 4
      DON MATLOCK             779-3178 4
     *MATLOCK DON             779-3178 4
     *RECREATION COACH        779-9152 4
     *SIERRA PRECAST          779-7071+5
16925  XXXX                   00
16970  XXXX                   00
16985 SANDOVAL FRANCISCO      779-4349+5
     *   5 BUS    33 RES    7 NEW
```

DRAFT

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

CHURCH ST 1970

16285 Tsutsumi Roy ◎ 779-3078
BARRETT AV INTERSECTS
16345 Adams Carle M Mrs ◎
16355 Bondi Saml A ◎ 779-3882
MAST ST INTERSECTS

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Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

CHURCH ST 1970

16405 Alosi Carmelo ◎ 779-3872
16505 Apartments
A Beltran Luis
B Segura Trinadad
779-4737
C Baldonado Emilio
D Osuna Pete
16575 Hernandez David
Vasquez Pete
16580 Hill Lourdis Mrs
SAN PEDRO AV
INTERSECTS
16685 Pileggi Rose Mrs ◎
779-9353
16765 Aristocrat Travel Products
trailer mfrs 779-9151
Yanez Ramon ◎ 779-2531
16855 Johnson Frank L 779-4802
16865 Dean James A 779-4507
MYRTLE AV INTERSECTS
16925 Tellez Alice M Mrs
779-4221
16945 Alberto Carmelo ◎
779-4074
16955 Peterson Evelyn C Mrs

409000

16685 Church Street

Morgan Hill, CA 95037

Inquiry Number: 5725644.3

July 23, 2019

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Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

07/23/19

Site Name:	Client Name:
409000	AEI Consultants
16685 Church Street	2500 Camino Diablo
Morgan Hill, CA 95037	Walnut Creek, CA 94597
EDR Inquiry # 5725644.3	Contact: Lacee Elam

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Certified Sanborn Results:

Certification # 5EDC-4321-AD16

PO # 200857

Project 409000

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: 5EDC-4321-AD16

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- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

The Sanborn Library LLC Since 1866™

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409000

16685 Church Street

Morgan Hill, CA 95037

Inquiry Number: 5725644.5

July 24, 2019

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The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

07/24/19

Site Name:

409000
16685 Church Street
Morgan Hill, CA 95037
EDR Inquiry # 5725644.5

Client Name:

AEI Consultants
2500 Camino Diablo
Walnut Creek, CA 94597
Contact: Lacee Elam

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Search Results:

Year	*Scale*	*Details*	*Source*
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1993	1"=500'	Acquisition Date: June 15, 1993	USGS/DOQQ
1982	1"=500'	Flight Date: July 05, 1982	USDA
1974	1"=500'	Flight Date: July 12, 1974	USGS
1970	1"=500'	Flight Date: April 24, 1970	USGS
1968	1"=500'	Flight Date: June 14, 1968	USGS
1963	1"=500'	Flight Date: June 24, 1963	EDR Proprietary Aerial Viewpoint
1956	1"=500'	Flight Date: June 12, 1956	USDA
1950	1"=500'	Flight Date: March 06, 1950	USDA
1948	1"=500'	Flight Date: September 26, 1948	USDA
1940	1"=500'	Flight Date: June 09, 1940	USDA
1939	1"=500'	Flight Date: October 20, 1939	USDA

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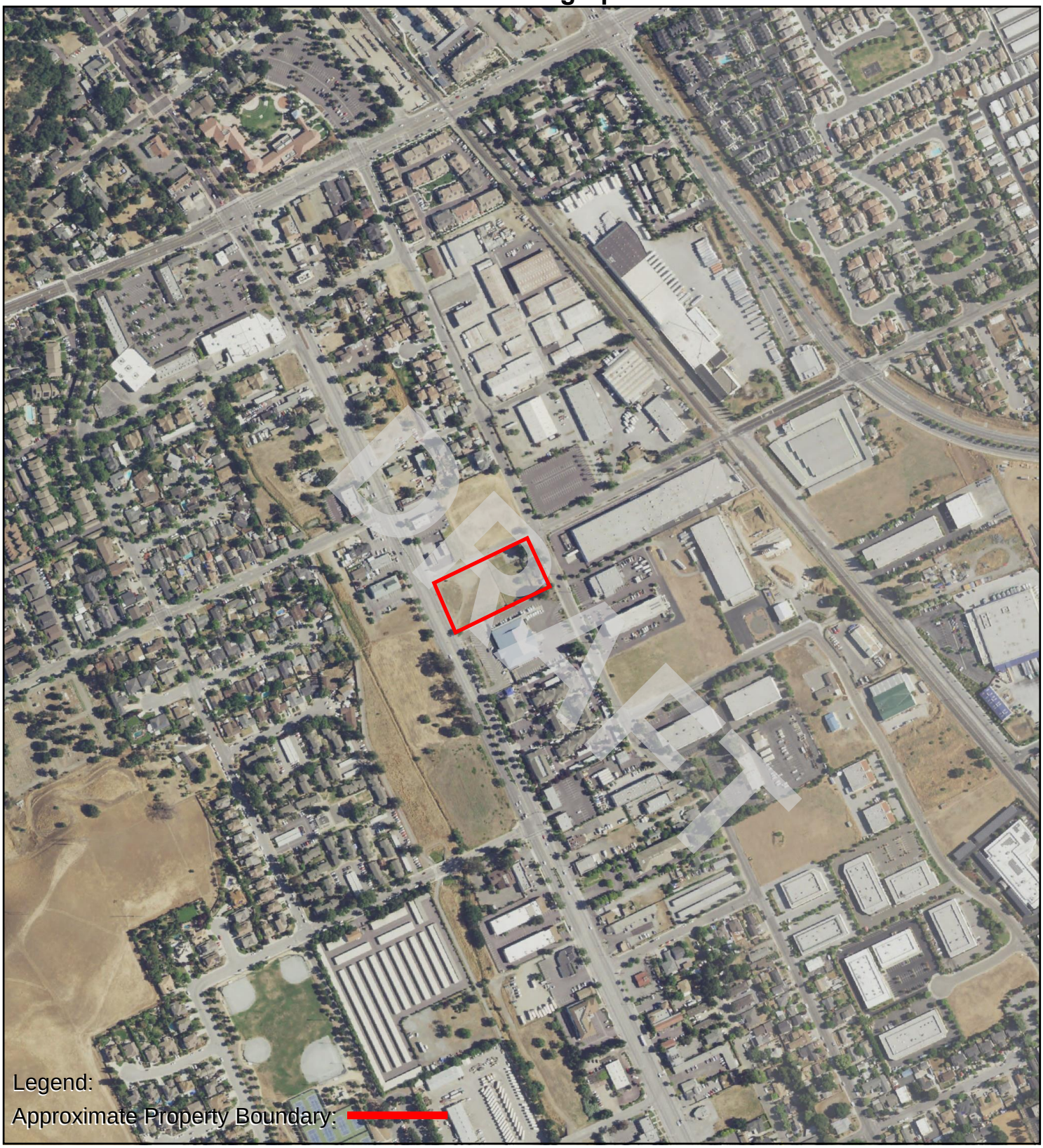
Aerial Photograph

2016



0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 2016

AEI Consultants

Aerial Photograph

2012

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 2012

AEI Consultants

Aerial Photograph

2009

0 Feet 500 1000 2000

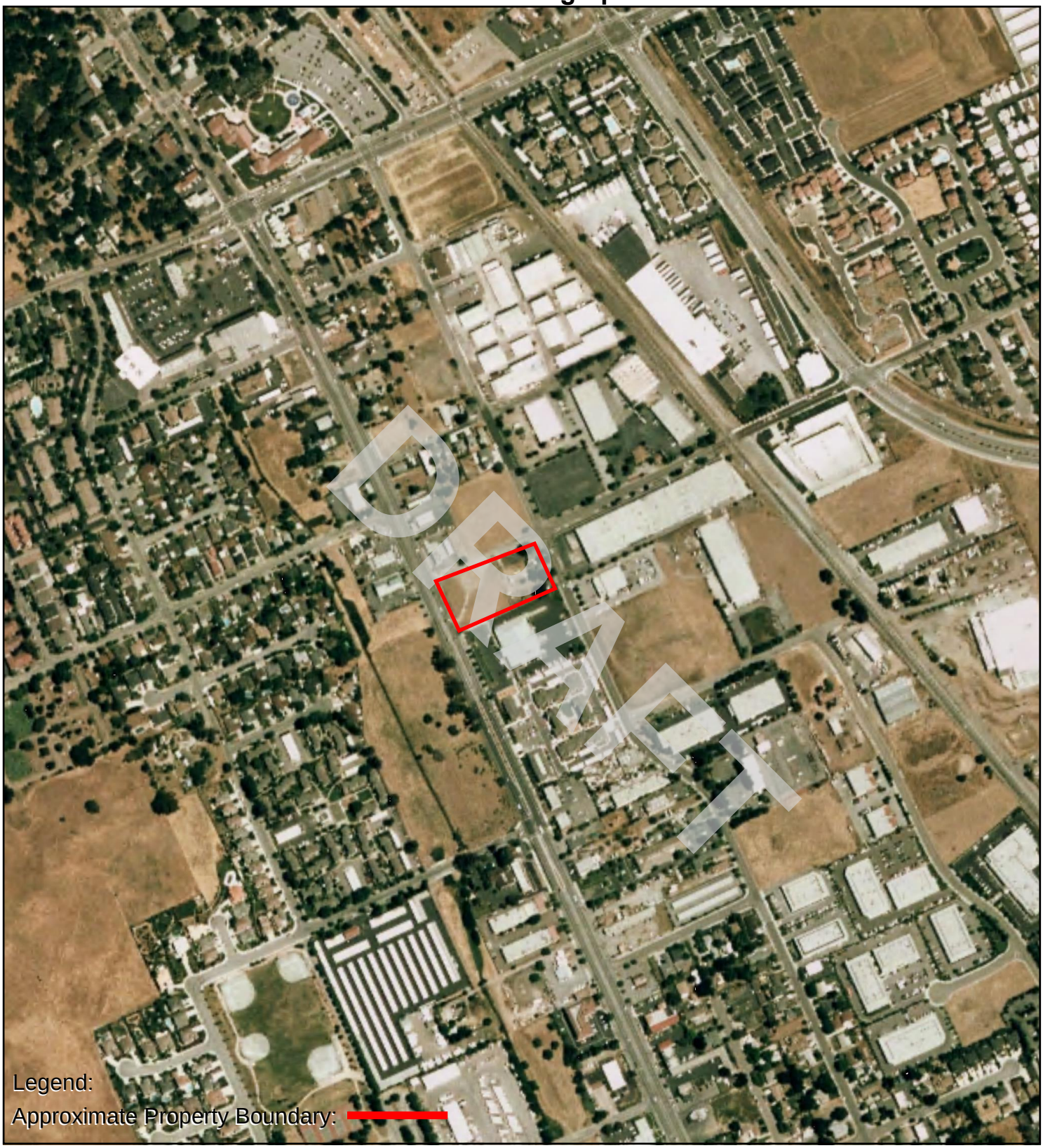
N

AERIAL PHOTOGRAPH - 2009

AEI Consultants

Aerial Photograph

2006



0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 2006

AEI Consultants

Aerial Photograph

1993

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1993

AEI Consultants

Aerial Photograph

1982

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1982

AEI Consultants

Aerial Photograph

1974

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1974

AEI Consultants

Aerial Photograph

1970

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1970

AEI Consultants

Aerial Photograph

1968

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1968

AEI Consultants

Aerial Photograph

1963

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1963

AEI Consultants

Aerial Photograph

1956

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1956

AEI Consultants

Aerial Photograph

1950

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1950

AEI Consultants

Aerial Photograph

1948

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1948

AEI Consultants

Aerial Photograph

1940

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1940

AEI Consultants

Aerial Photograph

1939

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1939

AEI Consultants

APPENDIX E

REGULATORY AGENCY RECORDS

DRAFT

Department of Toxic Substances Control

Meredith Williams, Ph.D.
Acting Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Jared Blumenfeld
Secretary for
Environmental Protection

Gavin Newsom
Governor

Facility Search Results

Selection Criteria:

Facility:
Search on: Physical Address
Street: Church
City: Morgan Hill
Status: Active and Inactive
Sort Direction: asc
Sorted By: EPA ID
Records Found: 60

DRAFT

EPA ID Number	Name	Address	City	Zip
CAC000775256	NORTHEAST,WEST,SOUTH MAGNETIC CORP	16890 CHURCH ST STE 17	MORGAN HILL	950370000
CAC001412840	NORTHEAST,WEST,SOUTH MAGNETIC CORP	16890 CHURCH ST STE 17	MORGAN HILL	950370000
CAC002552538	NORTHEAST,WEST,SOUTH MAGNETIC CORP	16890 CHURCH ST STE 17	MORGAN HILL	950370000
CAC002559398	VERIZON CA INC	16280 CHURCH ST	MORGAN HILL	95037
CAC002566029	NORTH EAST,WEST,SOUTH MAGNETIC CORP	16890 CHURCH ST STE 17	MORGAN HILL	950370000
CAC002570145	SOUTH COUNTY HOUSING	16505 CHURCH ST	MORGAN HILL	95037
CAC002596544	NORTH EAST,WEST,SOUTH MAGNETIC CORP	16890 CHURCH ST STE 17	MORGAN HILL	950370000
CAC002602116	WALSH MACHINE LLC	16890 CHURCH ST STE 3	MORGAN HILL	950375115
CAC002618272	SOUTH COUNTY INDUSTRIAL PARK	16890 CHURCH ST	MORGAN HILL	950370000
CAC002623646	RAYON-XRAY ENGINEERING LLC	16890 CHURCH ST STE 21B	MORGAN HILL	95037
CAC002653150	VILLAGE MOTORS	16485 CHURCH ST	MORGAN HILL	950375438
CAC002730954	JEFF HOLE	16455 CHURCH ST	MORGAN HILL	95037
CAC002736194	SOUTH COUNTY INDUSTRIAL PARK	16890 CHURCH ST	MORGAN HILL	950375115
CAC002741365	ROLAND RICHARDSON	16485 CHURCH ST	MORGAN HILL	950375438
CAD981161979	1X SOUTH COUNTY INDUSTRIAL PARK	16890 CHURCH ST,BLDG #1	MORGAN HILL	950370000
CAD981393457	GTE CALIFORNIA INCORPORATED	16280 CHURCH	MORGAN HILL	950370000
CAD981414790	1X H & W ASSOCIATES	16890 CHURCH AVE.	MORGAN HILL	950370000
CAD981981772	J&J TOOL & DIE	16890 CHURCH ST BUILDING 18	MORGAN HILL	950370000
CAD982336950	PRECISSION TOOLS	16890 CHURCH ST #21A	MORGAN HILL	950370000
CAL000025649	MATTRESS STERILIZER	16890 CHURCH STREET #19	MORGAN HILL	950370000
CAL000032449	PHANTOM ENG	16890 CHURCH ST BLD 13	MORGAN HILL	950370000
CAL000089074	911 ENGINEERING INC	16890 Church St Bldg 2	Morgan Hill	950375153
CAL000094589	MISSION BELL MANUFACTURING INC	16890 CHURCH ST STE 201	MORGAN HILL	950375115
CAL000102804	MONTEREY AUTO SERVICE OF MOGRAN HILL INC	16670 CHURCH ST	MORGAN HILL	950370000
CAL000111887	AUTOWORKS	16455 CHURCH ST	MORGAN HILL	950370000
CAL000114902	MADE IN JAPAN/MADE IN THE USA	16455 CHURCH ST	MORGAN HILL	950370000
CAL000146205	NC METALS PAINTING	16415 CHURCH ST	MORGAN HILL	950370000
CAL000174927	VON GIESE & SON	16890 CHURCH ST, BLDG 2	MORGAN HILL	950370000
CAL000177012	MORGAN HILL AUTO BODY INC	16455 CHURCH ST	MORGAN HILL	950370000
CAL000211931	D & A	6890 CHURCH	MORGAN HILL	950370000
CAL000222472	MIRKO RACING	16890 CHURCH AVE BLDG 14	MORGAN HILL	950375144

CAL000224395	CHASE VP	16260 CHURCH ST STE 100	MORGAN HILL	950370000
CAL000254819	MJ MACHINING INC	16260 CHURCH ST STE 160	MORGAN HILL	95037
CAL000258053	ON THE MARK PRECISION INC	16260 CHURCH ST STE 160	MORGAN HILL	95037
CAL000259328	VIPUR	16890 CHURCH ST BLDG 7B	MORGAN HILL	95037
CAL000268309	SEMICONDUCTOR TOOLING SERVICES	16260 CHURCH ST STE 140	MORGAN HILL	95037
CAL000272772	A TOUCH OF COLOR	16890 CHURCH ST BLDG 60	MORGAN HILL	95037
CAL000280772	MORGAN HILL SOLID OAK	16890 CHURCH ST STE 15	MORGAN HILL	95037
CAL000282816	MONTEREY AUTO SERVICE OF MORGAN HILL	16670 CHURCH ST	MORGAN HILL	950370000
CAL000301117	JBM CUSTOM CABINETS, INC.	16890 CHURCH ST BLDG 6 SPACE B	MORGAN HILL	95037
CAL000308789	COMMUNITY SOLUTIONS	16264 CHURCH ST STE 103	MORGAN HILL	950377130
CAL000316050	JET ELECTRIC	16230 CHURCH ST STE A	MORGAN HILL	950377157
CAL000322337	VILLAGE MOTORS	16485 CHURCH ST	MORGAN HILL	95037
CAL000323631	MONTEREY AUTO SERVICE	16670 CHURCH ST	MORGAN HILL	950375109
CAL000327857	JAPAN/EUROPE/USA AUTO SERVICE AND REPAIR	16455 CHURCH ST	MORGAN HILL	950375482
CAL000330303	NORTH EAST WEST SOUTH MAGNETIC CORP	16890 CHURCH ST	MORGAN HILL	950375115
CAL000341289	CBW ENTERPRISES INC DBA HILLVIEW PRINTING	16260 CHURCH ST STE 160	MORGAN HILL	950377134
CAL000347101	CALIFORNIA CUSTOM KITCHEN CABINET	16890 CHURCH ST BLDG 12	MORGAN HILL	950375153
CAL000350223	SILICON VALLEY PHOTOGRAPHY	16570 CHURCH ST STE 170	MORGAN HILL	950375177
CAL000357286	MORGAN HILL SOLID OAK	16890 CHURCH ST STE 15	MORGAN HILL	950375144
CAL000403093	VEGA AUTO SALES	16570 CHURCH ST STE 140	MORGAN HILL	95037
CAL000419885	TITAN PRECISION PRODUCTS INC	16260 CHURCH ST STE 140	MORGAN HILL	95037
CAL000444227	FULL THROTTLE AUTO SALES LLC	16485 CHURCH ST	MORGAN HILL	95037
CAL912612796	EOROPEAN DYNAMICS INC	16455 CHURCH ST	MORGAN HILL	950370000
CAR000011023	D AND A SPRAY	16890 CHURCH ST BLDG 12	MORGAN HILL	950370000
CAR000081265	RAWSON CUSTOM CABINETS INC	16890 CHURCH ST BLDG 1A	MORGAN HILL	950370000
CAR000084269	FRONTIER CA INC MORGAN HILL PY	16280 CHURCH ST	MORGAN HILL	950370000
CAR000093534	ADVANCED FINISHING TECHNOLOGY	16260 CHURCH ST NO 400	MORGAN HILL	950370000
CAX000139147	GENERAL TELEPHONE CO OF CALIF	16280 CHURCH ST	MORGAN HILL	950370000
CAX000238295	K L M ELECTRONICS	16890 CHURCH ST	MORGAN HILL	950370000

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The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 08/14/2019

Department of Toxic Substances Control

Meredith Williams, Ph.D.
Acting Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Jared Blumenfeld
Secretary for
Environmental Protection

Gavin Newsom
Governor

Facility Search Results

Selection Criteria:

Facility:
Search on: Physical Address
Street: San Pedro
City: Morgan Hill
Status: Active and Inactive
Sort Direction: asc
Sorted By: EPA ID
Records Found: 30

DRAFT

EPA ID Number	Name	Address	City	Zip
CAC000299961	1X HIGASHI, HENRY	620 SAN PEDRO AVE	MORGAN HILL	950370000
CAC000644584	1X REDTREE PROP	140 SAN PEDRO AVE	MORGAN HILL	950370000
CAC000973016	1X MARIE BARRETT	810 SAN PEDRO AVE	MORGAN HILL	950370000
CAC002563110	MIKE FULLER PROPERTIES	1105 SAN PEDRO	MORGAN HILL	95037
CAC002564913	SORCI TRUCKING	235 SAN PEDRO	MORGAN HILL	950370000
CAC002581235	DAN GAMEL	1105 SAN PEDRO	MORGAN HILL	95037
CAC002585301	PEDRIZZETTI WINERY	1645 SAN PEDRO	MORGAN HILL	95037
CAC002609041	CITY OF MORGAN HILL	1105 SAN PEDRO AVE	MORGAN HILL	95037
CAC002674818	LISA CARDENAS	310 SAN PEDRO AVE UNIT A	MORGAN HILL	950377850
CAC002698732	STANDARD PACIFIC HOMES INC	620 SAN PEDRO AVE	MORGAN HILL	95037
CAC002755242	STANDARD PACIFIC HOMES	620 SAN PEDRO AVE	MORGAN HILL	950375215
CAC002883463	SOUTH COUNTY INDUSTRIAL PARK	195 SAN PEDRO	MORGAN HILL	95037
CAC002945889	HAUG, MICHELLE	575 SAN PEDRO AVENUE #27	MORGAN HILL	95037
CAD981633316	CHARLIE COLLINS TRUCKING	2100 SAN PEDRO AVE	MORGAN HILL	950370000
CAD981665797	GREIF PACKAGING LLC	235 SAN PEDRO	MORGAN HILL	950370000
CAL000211684	SJS PRECISION MACHINING	195 SAN PEDRO AVENUE BLDG C5	MORGAN HILL	950370000
CAL000223918	RA-TEK PRECISION SHEET METAL INC.	140 SAN PEDRO	MORGAN HILL	950370000
CAL000231789	SANMINA-SCI ENCLOSURES SYSTEMS	140 SAN PEDRO AVE	MORGAN HILL	950375123
CAL000239902	SCI ENCLOSURES	140 SAN PEDRO	MORGAN HILL	950370000
CAL000279554	CHAPARRAL SIGNS	195 SAN PEDRO BLDG C STE 9	MORGAN HILL	95037
CAL000325245	JUANS CUSTOM FURNITURE	195 SAN PEDRO AVE STE E8	MORGAN HILL	950375128
CAL000326772	RJR PRODUCTS LLC	195 SAN PEDRO AVE BLDG 5	MORGAN HILL	950375139
CAL000349708	GOLDEN RULE PRODUCE INC	195 SAN PEDRO AVE STE D	MORGAN HILL	950375142
CAL000383728	KWIK WAY INDUSTRIES LLC	196 SAN PEDRO AVE	MORGAN HILL	95037
CAL000394057	SAN PEDRO AUTOMOTIVE	195 SAN PEDRO AVE BLDG C	MORGAN HILL	950375139
CAL000403293	AIRTONICS METAL PRODUCTS INC	140 SAN PEDRO AVE	MORGAN HILL	95037
CAL000437461	TOWN CATS OF MORGAN HILL	195 SAN PEDRO AVE	MORGAN HILL	95037
CAL000437705	CHAPARRAL SIGNS AND AUTOGRAPHS INC	195 SAN PEDRO BLDG C-9	MORGAN HILL	95037
CAL000440512	A MUNOZ LANDSCAPE CONSTRUCTION INC	1540 SAN PEDRO AVE	MORGAN HILL	95037
CAL931234122	LMK INC	195 SAN PEDRO AVENUE	MORGAN HILL	950370000

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Report Generation Date: 08/14/2019

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CITY OF MORGAN HILLS - BUILDING DEPARTMENT

1603

PERMIT# BLD2006-00356

STREET # 16685

STREET NAME CHURCH

ST. SUFFIX ST

SUITE

BOX 1

DRAFT

BUILDING ADDRESS
16685 CHURCH ST

PARCEL/TRACT # | LOT#

ISSUED DATE: 04/19/06 | ISSUED BY: HC | PERMIT NUMBER: BLD2006-00356

APN# 817-02-001 | RECEIVED DATE: 04/19/06

BUILDING: Y ELECTRICAL: N MECHANICAL: N PLUMBING: N REROOF: N

EXISTING USE: Single Family Res. CONSTUCTION TYPE: .

PROPOSED USE: Single Family Res. VALUATION: $1,000.00

GROUP: . , CBC: 2001 NEC: 2002

Property Owner

MARRAD GROUP INC
PO BOX 1767
MORGAN HILL, CA 95038 Phone: (408)778-1717

Architect

Phone:
License No.: Exp Date:

Contractor

MARRAD GROUP INC
PO BOX 1767
MORGAN HILL, CA 95037 Phone: (408) 778-1717
M.H. Bus. Lic. No.: 1244 Exp Date: 6/30/06

Engineer

Phone:
License No.: Exp Date:

Building	Electrical	Mechanical / Plumbing

License Class: STATE State License Number: 621778 B, HIC Expiration Date: 06/30/07

I Hereby affirm that I am licensed under the provisions of Chapter 9 commencing with Section 7000 of Division 3 of the Business and Professions Code, and my license is in full fource and effect.

SIGNATURE X DATE 4/19/06

HAZARDOUS MATERIALS: Indicate if the indended occupancy will use chemicals, initialing Yes acknowledges that H & S code sections 25505, 25533 & 25534 as well as filing directions were made available to you.

YES ____ NO ____

WORKERS' COMPENSATION DECLARATION: I hereby affirm that I have a certificate of consent to self-insure, or a certificate of workers' compensation insurance or a certified copy therof, SEC. 3800, LAB. C.

Policy Number: 1427481 Expiration Date: 05/01/06

SIGNATURE X DATE 4/19/06

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION : (This section need not be completed if the permit is for one hundred dollars ($100) or less) I certify that if in the performance of the work for which this permit is issued. I shall not employ any person in any manner as to become subject to the workers' compensation laws of California.

SIGNATURE X DATE

Notice to applicant: If after making this certificate of exemption you should become subject to the workers' compensation provisions of the labor code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

OWNER BUILDER DECLARATION :

I hereby affirm that I am exempt from the contractor's license law for the following reason (Sec. 7031.5. Business and Professions Code: any City or County which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the contractor's license law (Chapter 9 (Commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hunder dollars ($500).):

☐ I, as owner of the property, or my employer with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: the contractor's license law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: the contractor's license law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the contractor's license law).

☐ I am Exempt under Sec. _____, B. & P.C. for this reason:

SIGNATURE X DATE

Proposed Work

REPLACE 100 SQ OF SIDING, REPLACE 2 WINDOWS (ALTER HEIGTH OF ONE WINDOW), REPLACE ONE DOOR

Plan Check Fees

Paid Plan Check Fees:

Permit Fees

Building Permit Fee	$38.75
Gen. Plan Maint. Fee 5%	$1.94
Micro Film Fee-$2.00 per/Pg	$4.00
Seismic Fee	$0.50
Paid Permit Fees:	$45.19

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and county ordinances and state laws relating to building construction, and hereby authorize representatives of this agency to enter upon the above-mentioned property for inspection purposes. I (we) further agree to save, indemnify, and keep harmless the City of Morgan Hill against liabilities, judgements, costs, and expenses which may in any way accrue against said City in consequence of the granting of this permit and will pay all expenses including attorney's fees in connection therewith. All work performed by virtue of this permit must conform to plans and specifications and application filed by the owner or his authorized agent with the Building Inspection Division. This permit does not constitute approval of any violation of the above recited provisions, nor of any state or city ordinance. SIGNATURE X DATE 4/19/06

CITY OF MORGAN HILL
BUILDING INSPECTION DIVISION

17555 Peak Avenue
Morgan Hill, CA 95037
Office (408) 779-7241

STREET COPY
BUILDING PERMIT

Paid

CITY OF MORGAN HILL

COMMUNITY DEVELOPMENT DEPARTMENT
BUILDING DIVISION
17555 PEAK AVENUE
MORGAN HILL, CA 95037
(408) 779-7241

For Office Use Only
Date Submitted 4-19-06
Permit # BLD2006-00356
Plan Check Fee _____
GPA Fee – 5% _____
Total Fees _____

BUILDING PERMIT APPLICATION WORKSHEET
PLEASE PRINT CLEARLY

SITE INFORMATION

BUILDING ADDRESS 16685 CHURCH AVE Suite # _____
Assessors Parcel # 817-02-001 Subdivision Tract # _____ Lot # _____
Geological Area: ☐ Yes ☐ No Flood Zone: ☐ Yes ☐ No

PEOPLE ASSOCIATED WITH PROJECT

PROPERTY OWNER:
Name JNM PROPERTIES LLC
Mailing Address PO BOX 1767
City / State / Zip MORGAN HILL, CA 95038
Phone Number (408) 778-1717
Fax Number (408) 776-1837
~~☐ Owner~~ / Builder ☒ Owner w/ Contractor

BUSINESS OWNER / TENANT:
Name _____
Mailing Address _____
City / State / Zip _____
Phone Number (____) _____
Fax Number (____) _____
(Written approval from property owner will be required)

ARCHITECT / DESIGNER:
Name _____
Mailing Address _____
City / State / Zip _____
Phone Number (____) _____
Fax Number (____) _____
License # _____ Expiration Date: _____

ENGINEER:
Name _____
Mailing Address _____
City / State / Zip _____
Phone Number (____) _____
Fax Number (____) _____
License # _____ Expiration Date: _____

CONTRACTOR:
Name MARRAO GROUP INC
Mailing Address PO BOX 1767
City / State / Zip MORGAN HILL, CA 95038
Phone Number (408) 778-1717
Fax Number (408) 776-1837

State Lic.# & Class (Proof Required) B621778
Expiration Date: 6/30/06
City Business License # MH01244
Expiration Date: _____
Workers Compensation Policy # 1427481-06
Expiration Date: 5/1/07

(A certificate of insurance for workers' compensation is required prior to issuance)

PROJECT INFORMATION

DESCRIPTION OF PROPOSED WORK: REPLACE 2 WINDOWS / 1 DOOR / & REPLACE SIDING

CONSTRUCTION VALUATION $ 1,000.00

Commercial Floor Area	_____ (sq ft)	Number of Units	_____
Residential Floor Area	_____ (sq ft)	Number of Bedrooms	_____
Garage Floor Area	_____ (sq ft)	Stories	_____
Deck	_____ (sq ft)	Type of Construction	_____
Porch	_____ (sq ft)	Occupancy Group	_____
Patio	_____ (sq ft)		
Accessory Structure	_____ (sq ft)	Grading Cubic Yards	Cut _____ Fill _____

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CHECK APPLICABLE

☒ Residential	☐ Commercial	☐ Industrial	☐ Duplex	☐ Apt	☐ Condo	☐ Accessory Structure
☐ New	☐ Addition	☒ Alteration	☒ Repair	☐ Demolition	☐ Grading	☐ Site Development
☐ Building	☐ Electrical	☐ Mechanical	☐ Plumbing	☐ Combo	☐ Re-Roof	☐ Pool / Spa

ELECTRICAL PERMIT N/A

No. Receptacles/Outlets:_____ No. Switches:_____ No. Lighting Fixtures:_____ ☐ Sub Panels: _____No.

☐ Services Meter Upgrade:_____ Amps ☐ Temp Power ☐ Temp Power Pole ☐ Disconnect ☐ Irrigation Meter Pedestal

☐ Spa ☐ Motors ☐ Illuminated Sign ☐ Other _____

MECHANICAL PERMIT N/A

☐ Furnace: Under 100,000 Btu's / Over 100,000 Btu's ☐ Heat Pump ☐ Condensing Unit ☐ Coil ☐ Fan / Hood / Ducts

PLUMBING N/A

☐ Re-pipe Fixtures _____No. Sinks _____ No. Tubs _____No. Showers _____No. Toilets _____No. Traps

☐ Water Heater ☐ Water Service or Main ☐ Back Flow ☐ Gas Test ☐ Gas Line: _____No. Outlets ☐ Gas Meter Upgrade

☐ Building Sewer ☐ Sewer Drain ☐ Sewer Lateral ☐ Roof Drain ☐ Storm Drain ☐ Other: _____

Note: Additional Commercial Plumbing Maybe Be Subject To Public Works Fees

RE-ROOF N/A

☐ Comp. Conversions ☐ Steel Tile Conversion ☐ Concrete Tile Conversion ☐ Wood Shake Med. Fire Treated
☐ Comp. Overlay ☐ Steel Tile Overlay ☐ Tar & Gravel ☐ Wood Shake Hev. Fire Treated
Are skylights being installed? ☐ Yes ☐ No
Type of Roof Being Removed_____ Type of Roof Being Installed_____ Number of Squares_____
Life Time of Roof: **20yr 25 yr. 30yr. 40yr. 50yr./Lifetime** Pound of Felt _____ Sheathing Thickness_____

Note: Class A Roof is Required For Any Home(s) Inside the Fire Zone
(For Fire Zone information please contact the Building Division)

PLAN CHECK RESPONSES TO BE SENT TO (Please check only one)

☐ Owner ☐ Architect / Designer ☐ Engineer ☐ Contractor

Print Name WILLIAM MYZNAR REP MARRAD GROUPING Signature [signature] Date 6-19/06

FOR OFFICE USE ONLY

FEES:					
Building Permit	38.75	**Counter Plan Check**		**Burrowing Owl**	
Additional Plan Check		**GPA Fee 5% - Review**		**TDC**	
Electrical		**Microfilm**	4.00	**Bus. Lic. Review**	
Mechanical		**Investigation/Red Tag**		**Bus. Lic. Renewal**	
Plumbing		**Copies**		**Other**	
GPA Fee - 5%	1.94	**Addressing**			
Seismic	.50	**Geotechnical**		**TOTAL FEES:**	45.19

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City of Morgan Hill, California

Building Division

Inspection Request

Project Name:

PERMIT NUMBER: BLD2006-00356

Owner Name: MARRAD GROUP INC

Date: 09/25/06
ISSUED: 04/19/06
EXPIRES: 03/24/07

Contractor: MARRAD GROUP INC
PO BOX 1767
MORGAN HILL, CA 95037

Job Address: 16685 CHURCH ST

Permit Desc.: REPLACE 100 SQ OF SIDING, REPLACE 2 WINDOWS (ALTER HEIGTH OF ONE WINDOW), REPLACE ONE DOOR

Inspection Type: Sign Final OK TLA

Case Notes: AM Insp 2

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Inspection History

Inspection Type(s)	Completion Date	Pass / Fail	Initials	Notes
Rough - Frame (E,M,P,)	04/20/06	DONE	TLA	repair of rotted area.
Building Final	04/26/06	CAN	IVR	AM Insp 1
Building Final	04/27/06	FAIL	EB	needs landing at front of door

CITY OF MORGAN HILL

Case Activity Listing

Case #: BLD2006-00356

16685 CHURCH ST

CENTENNIAL Morgan Hill 1906-2006

Activity	Description	Date 1	Date 2	Date 3	Disp	Assigned To	Done By	Updated By	Notes
BLDA0010	Application Received			04/19/2006			HC	4/19/2006 HC	
BLDB0500	(F) Issue Building Permit			04/19/2006	DONE		HC	4/19/2006 HC	
BLDF0745	Rough - Frame (E,M,P,)	04/19/2006	04/20/2006	04/20/2006	DONE		TLA	4/20/2006 TLA	repair of rotted area.
BLDF0770	Building Final	04/26/2006	04/27/2006	04/26/2006	CAN		IVR	4/26/2006 IVR	AM Insp 1
BLDF0770	Building Final	04/26/2006	04/27/2006	04/27/2006	FAIL		EB	9/22/2006 EB	needs landing at front of door
BLDF0801	Sign Final	09/22/2006	09/25/2006	09/25/2006	CNCL		KXD	9/25/2006 KXD	AM Insp 2
BLDF0801	Sign Final	09/25/2006	09/26/2006	09/26/2006	DONE		TLA	9/26/2006 TLA	Building
BLDF1000	CASE FINAL			09/26/2006			TLA	9/26/2006 TLA	

DRAFT

CITY OF MORGAN HILL

Case Activity Listing
Case #: BLD2005-00252
16685 CHURCH ST

10/20/2005
10:11:12AM

Activity	Description	Date 1	Date 2	Date 3	Hold	Disp	Assigned To	Done By	Updated By	Notes
BLDA0010	Application Received			3/16/2005	None			BBB	3/16/2005 BBB	
BLDB0500	(F) Issue Building Permit			3/16/2005	None	DONE		BBB	3/16/2005 BBB	
BLDF0778	Re Roof Final	4/14/2005	4/15/2005	4/15/2005	None	FAIL		TLA	4/15/2005 TLA	Vent jacks not sealed
BLDA0950	Permit Expired			10/20/2005	None	DONE		ALS	10/20/2005 ALS	

DRAFT

OWNER-BUILDER VERIFICATION

An 'owner-builder' building permit has been applied for in your name and bearing your signature. Please complete the following.

1. I personally plan to provide the major labor and materials for construction of the proposed property improvement. (yes or no) yes.

2. I (have/have not) have signed an application for a building permit for the proposed work.

3. I have contracted with the following person (firm) to provide the proposed construction:

Name Carrera Corp.

Address Roop rd City Corp

Phone [redacted] Contractors License No. _____

4. I plan to provide portions of the work, but I have hired the following person to coordinate, supervise, and provide the major work:

Name _____

Address _____ City _____

Phone _____ Contractors License No. _____

5. I will provide some of the work but I have contracted (hired) the following persons to provide the work indicated:

Name	Address	Phone	Type of Work

Signed, Property Owner [signature]

Social Security Number [redacted] Date 10-18-92

NO BUILDING PERMIT WILL BE ISSUED UNTIL THIS VERIFICATION IS RECEIVED.

DRAFT

City of Morgan Hill
Development Services Center

17575 Peak Ave
Morgan Hill, CA 95037
(408)778-6480

BUILDING PERMIT APPLICATION
Permit Number: BLD2013-00999

BUILDING ADDRESS	PARCEL/TRACT #	LOT #	APN
16685 CHURCH ST			817-02-001

Property Owner

HO TRUONG
[redacted]
SAN JOSE, CA 95127
Phone: [redacted]

Contractor

Phone: MH Lic. #: Exp:

Architect

Phone: Lic . # Exp:

Engineer

DB ENGINEERING
2021 THE ALAMEDA STE 360
SAN JOSE, CA 95126
Phone: (408) 621-0114 Lic. #: C62300 Exp: 9/30/13

RECEIVED DATE: 05/31/13
ISSUED DATE: 06/07/13
PROJECT NAME:
VALUATION: $30,000.00
CONSTUCTION TYPE: ,
OCCUPANCY GROUP: , ,
EXISTING USE: Single Family Res.
PROPOSED USE: Single Family Res.

Description of Work

REPAIRS TO FOUNDATION, SEWER DRAIN AND ELECTRICAL

PERMIT EXPIRED

Plan Check Fees

LRP - PC Fee 15%	$70.15
Plan Check Fee - 75%	$467.65
Paid Plan Check Fees:	$537.80

Building Data

Permit Type

BUILDING: Y
ELECTRICAL: Y
MECHANICAL: N
PLUMBING: Y
REROOF: N
FIRE SPRINKLERS:
HAZARDOUS MATERIAL:

Permit Fees

Combination Permit Fee		$623.53
LRP Fee 15%		$93.53
Micro Film Fee-$2.00 per/Pg	36.00	~~$13.00~~
Seismic Fee		$3.00
Paid Permit Fees:		~~$733.06~~ 756.06

LICENSED CONTRACTOR'S DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License Class: _____ License Number: _____

SIGNATURE X_____ DATE_____

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the Contractors' License Law for the following reason(s) indicated below by the checkmark(s) I have placed next to the applicable item(s) (Sec. 7031.5, Business and Professions Code: Any city or county that requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for the permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors' License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt from licensure and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):

(✓) I, as owner of the property, or my employees with wages as their sole compensation, will do (__) all of or (✓) portions of the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractors' State License Law does not apply to an owner of property who, through employees' or personal effort, builds or improves the property, provided that the improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the Owner-Builder will have the burden of proving that it was not built or improved for the purpose of sale.).

(___) I, as owner of the property, am exclusively contracting with licensed Contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors' State License Law does not apply to an owner of property who builds or improves thereon, and who contracts for the projects with a licensed Contractor pursuant to the Contractors' State License Law.).

(___) I am exempt from licensure under the Contractors' State License Law for the following reasons: _____

By my signature below I acknowledge that, except for my personal residence in which I must have resided for at least one year to completion of the improvements covered by this permit, I cannot legally sell a structure that I have built as an owner-builder if it has not been constructed in its entirety by licensed contractors. I understand that a copy of the applicable law, Section 7044 of the Business and Professions Code, is available upon request when this application is submitted or at the following Web site: http://www.leginfo.ca.gov/calaw/html.

SIGNATURE X_____ DATE 6/7/13

WORKERS' COMPENSATION DECLARATION WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

I hereby affirm under penalty of perjury one of the following declarations:

(___) I have and will maintain a certificate of consent to self-insure for workers' compensation, issued by the Director of Industrial Relations as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. Policy No.:_____

(___) I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' comensation insurance carrier and policy number are:

Carrier: _____ Policy No: _____ Expiration Date: _____
Name of Agent: _____ Phone# (_____)_____

(___) I certify that, in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

SIGNATURE X_____ DATE_____

DECLARATION REGARDING CONSTRUCTION LENDING AGENCY: I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civil Code). By my signature below, I certify to each of the following: I am the property owner or authorized to act on the property owner's behalf. I have read this application and the information I have provided is correct. I agree to comply with all applicable city and county ordinances and state laws relating to building contruction. I authorize representatives of this city or county to enter the above-identified property for inspection purposes.

Lender's Name: _____ Lender's Address: _____

SIGNATURE X_____ DATE_____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and county ordinances and state laws relating to building construction, and hereby authorize representatives of this agency to enter upon the above-mentioned property for inspection purposes. I (we) further agree to save, indemnify, and keep harmless the City of Morgan Hill against liabilities, judgements, costs, and expenses which may in any way accrue against said City in consequence of the granting of this permit and will pay all expenses including attorney's fees in connection therewith. All work performed by virtue of this permit must conform to plans and specifications and application filed by the owner or his authorized agent with the Building Inspection Division. This permit does not constitute approval of any violation of the above recited provisions, nor of any state or city ordinance.

SIGNATURE X_____ DATE 6/7/13

DRAFT

CITY OF MORGAN HILL

Development Permit Application

Please Print Clearly

Community Development Agency
17575 Peak Ave
Morgan Hill, CA 95037-4128
Phone: (408) 778-6480
Fax: (408) 779-7236
www.morganhill.ca.gov

Building Address ~~16885~~ 16685 CHURCH Suite # _____

Assessor's Parcel # 817-02-001 Tract/PM # _____ Lot # _____

Geologic Hazard Zone: ☐ Yes ☐ No Flood Zone: ☐ Yes ☐ No Year Built 1947

Property Owner:
Name HO TRUONG & NGUYET LE
Mailing Address [redacted]
City/State/Zip San Jose, CA 95127
Phone Number [redacted]
Fax Number (____) _____
☑ Owner / Builder ☑ Owner w/ Contractor

Business Owner / Tenant:
Name _____
Mailing Address _____
City/State/Zip _____
Phone Number (____) _____
Fax Number (____) _____

Architect / Designer:
Name I-MARK DESIGN GROUP
Mailing Address 1659 SCOTT BLVD # 36
City/State/Zip SANTA CLARA CA 95050
Phone Number (408) 230-8051
Fax Number (408) 296-6336
License # C 62300 Exp. Date: __/__/__

Engineer:
Name DB ENGINEERING
Mailing Address 2021 THE ALAMEDA # 360
City/State/Zip SAN JOSE CA 95126
Phone Number (408) 621-0114
Fax Number (408) 261-1503
License # _____ Exp. Date: 09/30/13

Contractor:
Name _____
Mailing Address _____
City/State/Zip _____
Phone Number (____) _____
Fax Number (____) _____
State License # _____ Exp. Date: __/__/__
MH Bus. License # _____ Exp. Date: __/__/__

Workers' Compensation Information:
Carrier _____
Name of Agent _____
Phone Number (____) _____
Policy # _____ Exp. Date: __/__/__

☑ Residential ☐ Commercial / Industrial Type: ☐ New ☐ Addition ☐ Alteration ☑ Repair ☐ Demolition

Description of Proposed Work: REBUILD FOUNDATION & LEGALIZE 96 SF PRE-BUILT

Construction Valuation $ 30,000.00
(Labor & Material)

Commercial Floor Area	_____ (sq ft)	Number of Units	1	Existing Fire Sprinklers:
Residential Floor Area	_____ (sq ft)	Number of Stories	1	☐ Yes ☐ No
Garage Floor Area	_____ (sq ft)	Number of Bedrooms	3	
Deck	_____ (sq ft)	Number of Bathrooms	1	Grading:
Porch	_____ (sq ft)	Type of Construction	VB	Cubic Yards Cut: _____
Patio Cover	_____ (sq ft)	Occupancy Group	R3/U	Cubic Yards Fill: _____
Accessory Structure	_____ (sq ft)	Occupancy Load	_____	

Office Use Only

Date Submitted: 5/31/13 Permit #: 13-00999 Master Plan #: _____

Plan Check Fee: _____ LRP Fee: _____ Total: _____

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Check Applicable

☑ Building ☑ Electrical ☐ Mechanical ☑ Plumbing ☐ Grading ☐ Fire

Electrical Permit

No. Receptacles/Outlets:_____ No. Switches:_____ No. Lighting Fixtures:_____ ☐ Conduit ☐ Conductors

☐ Disconnect ☐ EV Charger ☐ Generator ☐ Sign ☐ Irrigation Pedestal ☐ Meter Upgrade:_____ Amps

☐ Motors ☐ Photovoltaic ☐ Pool Pump ☐ Spa ☐ Sub Panels: _____No. ☐ Temp Power Pole

☐ Temp Service Panel ☐ Temp Power Distribution Systems: No._____ ☐ Other _____

Mechanical Permit

☐ Condensing Unit (A/C) ☐ Ducts ☐ Evaporator Coil ☐ Fans ☐ Furnace: _____ BTU's ☐ New ☐ Replacement

☐ Gas Fireplace ☐ Kitchen Hood ☐ Pool Equipment ☐ Other _____

Plumbing Permit *(Note: Additional Commercial Plumbing Maybe Be Subject To Public Works Impact Fees)*

☐ Re-pipe Fixtures: No. Sinks_____ No. Tubs _____ No. Showers_____ No. Toilets _____ No. Traps_____

☐ Back Flow ☐ Building Sewer ☐ Gas Test ☐ Gas Line: No. Outlets____ ☐ Gas Meter Upgrade ☐ Grease Interceptor

☐ Roof Drain ☒ Sewer Drain ☐ Sewer Lateral ☐ Storm Drain ☐ Thermal Solar ☐ Water Heater ☐ Water Service

☐ Other: _____

Fire Permit

☐ Fire Alarm ☐ Fire Sprinklers ☐ Suppression System ☐ Underground Piping/Hydrant System ☐ Other _____

Re-roof Permit *(Note: Class 'A' Roof Is Required For Any Home(s) Inside The Fire Hazard Zone)*

Removing _____ Installing _____ No. of Squares_____ Pound of Felt _____

Life Time of Roof: ☐ 30yr. ☐ 40yr. ☐ 50yr. Sheathing Thickness_____ ☐ New ☐ N/A

Skylight(s) / Sun Tunnel(s) Being Installed? No._____ ☐ New ☐ Replacement ☐ N/A

Plan Check Responses To Be Sent To (Please check only one)

☐ Owner ☑ Architect / Designer ☑ Engineer ☐ Contractor E-mail Address:_____

Print Name QUI T. SON Signature _____ Date 05/31/2013

For Office Use Only

Fees:

Building Permit	623.53	Counter Plan Check	467.65	Bus. Lic. Base	
Add't Plan Check		LRP Fee 15% - PC	70.15	Bus. Lic. App. Rev.	
Electrical		Microfilm	23-	Bus. Lic. Zoning	
Mechanical		CBSC	2-	Photo Copies	
Plumbing		Investigation/Red Tag		Permit Pouch	
Fire		Addressing		Other	
LRP Fee - 15%	93.53	Geotechnical			
Seismic	3-	Bldg Compliance		**Total Fees:**	1,293.86

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CITY OF MORGAN HILL

Case Activity Listing

Case #: BLD2013-00999

16685 CHURCH ST

Activity	Description	Date 1	Date 2	Date 3	Disp	Done By	Updated By	Notes
BLDA0010	Application Received			05/31/2013		MEB	5/31/2013 MEB	
BLDB0500	(F) Issue Building Permit 09			06/07/2013		MEB	6/7/2013 MEB	
BLDA0950	Permit Expired			12/05/2014	DONE	ALS	12/5/2014 ALS	

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CITY OF MORGAN HILL

COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION

17575 Peak Avenue Morgan Hill CA 95037 (408) 778-6480 / Fax (408) 779-7236

PLAN CHECK TRANSMITTAL

DATE: June 3, 2013

TO: Qui T Son / I-Mark Design Group

FAX: (408) 296-6336

BY: Elizabeth Bassett

PROJECT ADDRESS: 16685 Church St

PLAN REVIEW NUMBER: BLD2013-00999

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PROJECT APPROVED AND READY FOR PICK-UP

(Please see selected items below for documentation or payment of fees required prior to building permit issuance)

*** * * * FEES SUBJECT TO CHANGE AT ANY TIME * * * ***

☑ BUILDING PERMIT FEES: $ **$1293.86**

☐ PUBLIC WORKS FEES: $ **(Please Note Expiration Date On Attached Fee Schedule)**

☐ HEALTH DEPARTMENT APPROVAL - Please Provide (1) Set of Health Dept. Approved Plans To The Building Division Prior To Permit Issuance.

☐ SCHOOL DISTRICT IMPACT FEES. (Compliance Form Available In The Building Division)
Note: Fees must be paid directly to the School District and prior to permit issuance.
School District is located at, 15600 Concord Cir., Morgan Hill CA 95037 - Phone #: (408)201-6085

☑ IF BUILDING PERMIT IS BEING ISSUED TO CONTRACTOR – The Following Documentation Will Be Required Before Issuance Of Permit:

1. Contractors State License Identification Card
2. Current Worker's Compensation Insurance Certificate
3. Current City Of Morgan Hill Business License
4. Copy Of Public Works Receipt (Applicable Only If Fees Were Required)
5. Please Note, If Owner Of Company Is Not Present To Sign For Permit, A Letter Of Authorization From The Owner Will Be Required Authorizing Agent To Sign On His Behalf.

☑ IF BUILDING PERMIT IS BEING ISSUED TO PROPERTY OWNER - The Following Documentation Will Be Required Before Issuance Of Permit:

1. If Property Owner Is Not Present To Sign For Permit, a Letter Of Authorization From The Owner Will Be Required Authorizing Agent To Sign On His Behalf.

Pages Being Transmitted, Including Cover Sheet__1__. If There Are Any Problems, Please Call Our Office At (408) 778-6480.

2:20 PM

CITY OF MORGAN HILL

Development Services
Building Division
17575 Peak Ave
Morgan Hill, CA 95037-4128
Phone: (408)778-6480
Fax: (408)779-7236
www.morganhill.ca.gov

NOTICE TO PROPERTY OWNER

Dear Property Owner:

An application for a building permit has been submitted in your name listing yourself as the builder of the property improvements specified at _____.

We are providing you with an Owner-Builder Acknowledgment and Information Verification Form to make you aware of your responsibilities and possible risk you may incur by having this permit issued in your name as the Owner-Builder.

We will not issue a building permit until you have read, initialed your understanding of each provision, signed, and returned this form to us at our official address indicated. An agent of the owner cannot execute this notice unless you, the property owner, obtain the prior approval of the permitting authority.

OWNER'S ACKNOWLEDGMENT AND VERIFICATION OF INFORMATION

DIRECTIONS: Read and initial each statement below to signify you understand or verify this information.

Lw 1. I understand a frequent practice of unlicensed persons is to have the property owner obtain an "Owner-Builder" building permit that erroneously implies that the property owner is providing his or her own labor and material personally. I, as an Owner-Builder, may be held liable and subject to serious financial risk for any injuries sustained by an unlicensed person and his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an Owner-Builder and am aware of the limits of my insurance coverage for injuries to workers on my property.

Lw 2. I understand building permits are not required to be signed by property owners unless they are responsible for the construction and are not hiring a licensed Contractor to assume this responsibility.

Lw 3. I understand as an "Owner-Builder" I am the responsible party of record on the permit. I understand that I may protect myself from potential financial risk by hiring a licensed Contractor and having the permit filed in his or her name instead of my own.

Lw 4. I understand Contractors are required by law to be licensed and bonded in California and to list their license numbers on permits and contracts.

Lw 5. I understand if I employ or otherwise engage any persons, other than California licensed Contractors, and the total value of my construction is at least five hundred dollars ($500), including labor and materials, I may be considered an "employer" under state and federal law.

Lw 6. I understand if I am considered an "employer" under state and federal law, I must register with the state and federal government, withhold payroll taxes, provide workers' compensation disability insurance, and contribute to unemployment compensation for each "employee." I also understand my failure to abide by these laws may subject me to serious financial risk.

Lw 7. I understand under California Contractors' State License Law, an Owner-Builder who builds single-family residential structures cannot legally build them with the intent to offer them for sale, unless all work is performed by licensed subcontractors and the number of structures does not exceed four within any calendar year, or all of the work is performed under contract with a licensed general building Contractor.

Lw 8. I understand as an Owner-Builder if I sell the property for which this permit is issued, I may be held liable for any financial or personal injuries sustained by any subsequent owner(s) that result from any latent construction defects in the workmanship or materials.

Lw 9. I understand I may obtain more information regarding my obligations as an "employer" from the Internal Revenue Service, the United States Small

DRAFT

Business Administration, the California Department of Benefit Payments, and the California Division of Industrial Accidents. I also understand I may contact the California Contractors' State License Board (CSLB) at 1-800-321-CSLB (2752) or www.cslb.ca.gov for more information about licensed contractors.

~~10~~. I am aware of and consent to an Owner-Builder building permit applied for in my name, and understand that I am the party legally and financially responsible for proposed construction activity at the following address: 16685 Church St. Mt. CA.

~~11~~. I agree that, as the party legally and financially responsible for this proposed construction activity, I will abide by all applicable laws and requirements that govern Owner-Builders as well as employers.

~~12~~. I agree to notify the issuer of this form immediately of any additions, deletions, or changes to any of the information I have provided on this form.

Licensed contractors are regulated by laws designed to protect the public. If you contract with someone who does not have a license, the Contractors' State License Board may be unable to assist you with any financial loss you may sustain as a result of a complaint. Your only remedy against unlicensed Contractors may be in civil court. It is also important for you to understand that if an unlicensed Contractor or employee of that individual or firm is injured while working on your property, you may be held liable for damages. If you obtain a permit as Owner-Builder and wish to hire Contractors, you will be responsible for verifying whether or not those Contractors are properly licensed and the status of their workers' compensation insurance coverage.

Before a building permit can be issued, this form must be completed and signed by the property owner and returned to the agency responsible for issuing the permit.

Note: A copy of the property owner's driver's license, form notarization, or other verification acceptable to the agency is required to be presented when the permit is issued to verify the property owner's signature.

Property Owner's Signature: [signature]

Date: 6/7/13.

DRAFT

AUTHORIZATION OF AGENT TO ACT ON PROPERTY OWNER'S BEHALF

Excluding the Notice to Property Owner, the execution of which I understand is my personal responsibility, I hereby authorize the following person(s) to act as my agent(s) to apply for, sign, and file the documents necessary to obtain an Owner-Builder permit for my project.

Scope of Construction Project (or Description of Work):_____

_____

Project Location or Address:_____

Name of Authorized Agent:_____

Address of Authorized Agent:_____

Phone Number of Authorized Agent:_____

I declare under penalty of perjury that I am the property owner for the address listed above and I personally filled out the above information and certify its accuracy.

Note: A copy of the owner's driver's license, form notarization, or other verification acceptable to the agency is required to be presented when the permit is issued to verify the property owner's signature.

Property Owner's Signature:_____ Date:_____

CITY OF MORGAN HILL	Building & Fire Prevention Division 17575 Peak Ave Morgan Hill, CA 95037 (408)778-6480	Permit Number: BRES2016-0028 Date Issued: 10/13/2016

Building Address: 16685 CHURCH ST Project Name:

APN: 81702001 Parcel Map No.: Tract No.: Lot No.:

Type: BUILDING RESIDENTIAL Classification: ADDITION

Description: RESIDENTIAL ADDITION & REMODEL (NEW 170 SF OFFICE, ADD 20 SF

TO DINING ROOM, REMODEL KITCHEN, RELOCATE LAUNDRY ROOM AND BATHROOM, REWIRE ELECTRICAL SYSTEM, REPLACE DAMAGED WINDOWS AND DOORS, RETROFIT FOUNDATION AND FLOOR SYSTEM, INSTALL NEW FURNACE AND WATER)

Type of Construction: VB Occupancy Group: R-3 Residential [X] Commercial [ ] Industrial [ ]

No. of Stories: 1 No. of Bedrooms: No. of Bathrooms: No. of Units: Floor Area: 190 Garage: Porch:

Valuation: $51,000.00 Trades Included: Building: YES Electrical: YES Mechanical: YES Plumbing: YES Fire: NO

Property Owner: NGUYET LE TRUONG

Address: [redacted] SAN JOSE, CA 95127

Phone No.: [redacted]

PERMIT EXPIRED

Contractor:

Address: ,

Phone No.: License No.:

Architect:

Address: ,

Phone No.: License No.:

Engineer: DB ENGINEERING

Address: 2021 THE ALAMEDA STE 360 SAN JOSE, CA 95126

Phone No.: (408)621-0114 License No.: C62300

Plan Check Fees	
Total:	$850.17
Permit Fees	
BUILDING COMBO PERMIT	$914.47
CBSC FEE	$3.00
LRP - PERMIT	$137.17
MICROFILM	$35.25
MISC BUILDING	$129.47
SEISMIC	$6.63
Total:	$1,225.99

DRAFT

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. Lic. No.: _____ Class: _____ Expiration: _____

SIGNATURE X _____ DATE _____

WORKER'S COMPENSATION DECLARATION

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL, PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

I hereby affirm under penalty of perjury one of the following declarations:

( ) I have and will maintain a certificate of consent to self-insure for workers' compensation, issued by the Director of Industrial Relations as provided for by Section 3700 of the Labor Code, for the performance of the work for which the permit is issued. Policy No.: _____

( ) I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are: Policy No. _____ Expiration: _____

Carrier: _____ Name of Agent: _____ Phone No.: _____

( ) I certify that, in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

SIGNATURE X _____ DATE _____

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractors' License Law for the following reason(s) indicated below by the checkmark(s) I have placed next to the applicable item(s) (Sec. 7031.5, Business and Professions Code: Any city or county that requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for the permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors' License Law (Chapter 9 (commencing with Section 700) of Division 3 of the Business and Professions Code) or that he or she is exempt from licensure and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):

( ) I, as owner of the property, or my employees with wages as their sole compensation, will do ( ) all of or portions of the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The contractors' State License Law does not apply to an owner of property who, through employees' or personal effort, builds or improves the property, provided that the improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the Owner-Builder will have the burden of proving that it was not built or improved for the purpose of sale.).

( ) I, as owner of the property, am exclusively contracting with licensed Contractor to construct the project (Sec. 7044, Business and Professions Code: The Contractors' State License Law does not apply to an owner of property who builds or improves thereon, and who contracts for the projects with a licensed Contractor pursuant to the Contractors' State License Law.).

( ) I am exempt from licensure under the Contractors' State License Law for the following reasons: _____

By my signature below I acknowledge that, except for my person residence in which i must have resided for at least one year to completion of the improvements covered by this permits, I cannot legally sell a structure that I have built as an owner-builder if it has not been constructed in its entirety by licensed contractors. I understand that a copy of the applicable law, Section 7044 of the Business and Professions Code, is available upon request when this application is submitted or at the following Web site: http://www.leginfo.ca.gov/calaw/html.

SIGNATURE X _____ DATE 10/13/16

DECLARATION REGARDING CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 8172, Civil Code).
Lenders Name _____ Lenders Address _____

SIGNATURE X _____ DATE _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and county ordinances and state laws relating to building construction, and hereby authorize representatives of this agency to enter upon the above-mentioned property for inspection purposes. I (we) further agree to save, indemnify, and keep harmless the City of Morgan Hill against liabilities, judgements, costs, and expenses which may in any way accrue against said City in consequence of the granting of this permit and will pay all expenses including attorney's fees in connection therewith. All work performed by virtue of this permit must conform to plans and specifications and application filed by the owner of his authorized agent with the Building Inspection Division. This permit does not constitute approval of any violation of the above recited provisions, nor of any state or city ordinance.

SIGNATURE X _____ DATE 10/13/16

CITY OF MORGAN HILL

Permit Application

Please Print Clearly

Community Development Agency
17575 Peak Ave
Morgan Hill, CA 95037-4128
Phone: (408) 778-6480
Fax: (408) 779-7236
www.morganhill.ca.gov

Building Address 16685 CHURCH STREET Suite # _____

Assessor's Parcel # 817-02-001 Tract/PM # _____ Lot # _____

Geologic Hazard Zone: ☐ Yes ☑ No Flood Zone: ☑ Yes ☐ No Year Built 1947

Property Owner:
Name Nguyet le, Truong
Mailing Address [redacted]
City/State/Zip SAN JOSE CA 95127
Phone Number [redacted]
Email [redacted]
☑ Owner / Builder ☐ Owner w/ Contractor

Business Owner / Tenant:
Name _____
Mailing Address _____
City/State/Zip _____
Phone Number _____
Email _____

Architect / Designer:
Name T-MARK DESIGN GROUP
Mailing Address 1659 SCOTT BLVD. STE 36
City/State/Zip SANTA CLARA CA 95050
Phone Number 408-230-8051
Email imarkdesignsesbcglobal.net
License # _____ Exp. Date: _____

Engineer:
Name DB ENGINEERING
Mailing Address 2021 THE ALAMEDA STE 360
City/State/Zip SAN JOSE CA 95126
Phone Number 408-621-0114
Email mrstrunge@aol.com
License # 62300 Exp. Date: 9/30/2017

Contractor:
Name _____
Mailing Address _____
City/State/Zip _____
Phone Number _____
Email _____
State License # _____ Exp. Date: _____
MH Bus. License # _____ Exp. Date: _____

Workers' Compensation Information:
Carrier _____
Name of Agent _____
Phone Number _____
Policy # _____ Exp. Date: _____

☒ Residential ☐ Commercial / Industrial Type: ☐ New ☒ Addition ☐ Alteration ☒ Repair ☐ Demolition

Description of Proposed Work: 1. RETROFIT (E) FOUNDATION & FLOOR SYSTEM
2. LEGALIZE ~~96 S.F.~~ PRE-BUILT ADDITION # add
3 20sq infill of dining room
4 Rewire Elect. System
5. New Furnace & Water Heater
6. Remodel Kitchen
7. Relocate Laundry & Bath.
8. Repl windows

Construction Valuation $ ~~41,000.00~~ 110 S.F. (New) + $110,000.00 (Rev) = $51,000. New
(Labor & Material)

Commercial Floor Area	_____ (sq ft)	Number of Units	1	Existing Fire Sprinklers:	
Residential Floor Area	1,184 (sq ft)	Number of Stories	1	☐ Yes ☑ No	
Garage Floor Area	335 (sq ft)	Number of Bedrooms	4		
Deck	_____ (sq ft)	Number of Bathrooms	1	Grading:	
Porch	_____ (sq ft)	Type of Construction	VB	Cubic Yards Cut:	No
Patio Cover	_____ (sq ft)	Occupancy Group	R	Cubic Yards Fill:	No
Accessory Structure	_____ (sq ft)	Occupancy Load	6		

Office Use Only

Date Submitted: 5/24/16 Permit #: BRES2016-0028 Master Plan #: N/A

Plan Check Fee: 739.28 LRP Fee: 110.89 Total: 850.17

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Check Applicable

☒ Building ☐ Electrical ☐ Mechanical ☐ Plumbing ☐ Grading ☐ Fire

Electrical Permit

No. Receptacles/Outlets:_____ No. Switches:_____ No. Lighting Fixtures:_____ ☐ Conduit ☐ Conductors

☐ Disconnect ☐ EV Charger ☐ Generator ☐ Sign ☐ Irrigation Pedestal ☐ Meter Upgrade:_____ Amps

☐ Motors ☐ Photovoltaic ☐ Pool Pump ☐ Spa ☐ Sub Panels: _____No. ☐ Temp Power Pole

☐ Temp Service Panel ☐ Temp Power Distribution Systems: No._____ ☐ Other _____

Mechanical Permit

☐ Condensing Unit (A/C) ☐ Ducts ☐ Evaporator Coil ☐ Fans ☐ Furnace: _____ BTU's ☐ New ☐ Replacement

☐ Gas Fireplace ☐ Kitchen Hood ☐ Pool Equipment ☐Other _____

Plumbing Permit *(Note: Additional Commercial Plumbing Maybe Be Subject To Public Works Impact Fees)*

☐ Re-pipe Fixtures: No. Sinks_____ No. Tubs _____ No. Showers_____ No. Toilets _____ No. Traps_____

☐ Back Flow ☐ Building Sewer ☐ Gas Test ☐ Gas Line: No. Outlets____ ☐ Gas Meter Upgrade ☐ Grease Interceptor

☐ Roof Drain ☐ Sewer Drain ☐ Sewer Lateral ☐ Storm Drain ☐ Thermal Solar ☐ Water Heater ☐ Water Service

☐ Other: _____

Fire Permit

☐ Fire Alarm ☐ Fire Sprinklers ☐ Suppression System ☐ Underground Piping/Hydrant System ☐ Other _____

Re-roof Permit *(Note: Class 'A' Roof Is Required For Any Home(s) Inside The Fire Hazard Zone)*

Removing _____ Installing _____ No. of Squares_____ Pound of Felt _____

Life Time of Roof: ☐ 30yr. ☐ 40yr. ☐ 50yr. Sheathing Thickness_____ ☐ New ☐ N/A

Skylight(s) / Sun Tunnel(s) Being Installed? No._____ ☐ New ☐ Replacement ☐ N/A

Plan Check Responses To Be Sent To (Please check only one)

☐ Owner ☒ Architect / Designer ☐ Engineer ☐ Contractor E-mail Address: jmarkdesigns

Print Name QUI T. SON Signature _____ Date 05/24/2016

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For Office Use Only

Fees:

Building Permit	914.47	Counter Plan Check		Bus. Lic. Base	
Add't Plan Check	129.47	LRP Fee 15% - PC		Bus. Lic. App. Rev.	
Electrical		Microfilm 12/29	35.25	Bus. Lic. Zoning	
Mechanical		CBSC	3 -	Bus. Lic. SB1186	
Plumbing		Investigation/Red Tag		Photo Copies	
Fire		Addressing		Permit Pouch	
LRP Fee - 15%	137.17	Geotechnical		Other	1,225.99
Seismic	6.63	Bldg Compliance		**Total Fees:**	

868.75 − 739.28 = $129.47 Additional PICK FEE Owed.

CITY OF MORGAN HILL

Development Services
Building Division
17575 Peak Ave
Morgan Hill, CA 95037-4128
Phone: (408)778-6480
Fax: (408)779-7236
www.morganhill.ca.gov

NOTICE TO PROPERTY OWNER

Dear Property Owner:

An application for a building permit has been submitted in your name listing yourself as the builder of the property improvements specified at 10787 Porter Ln, SJC, CA 95127
Address

We are providing you with an Owner-Builder Acknowledgment and Information Verification Form to make you aware of your responsibilities and possible risk you may incur by having this permit issued in your name as the Owner-Builder.

We will not issue a building permit until you have read, initialed your understanding of each provision, signed, and returned this form to us at our official address indicated. An agent of the owner cannot execute this notice unless you, the property owner, obtain the prior approval of the permitting authority.

OWNER'S ACKNOWLEDGMENT AND VERIFICATION OF INFORMATION

DIRECTIONS: Read and initial each statement below to signify you understand or verify this information.

AM 1. I understand a frequent practice of unlicensed persons is to have the property owner obtain an "Owner-Builder" building permit that erroneously implies that the property owner is providing his or her own labor and material personally. I, as an Owner-Builder, may be held liable and subject to serious financial risk for any injuries sustained by an unlicensed person and his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an Owner-Builder and am aware of the limits of my insurance coverage for injuries to workers on my property.

AM 2. I understand building permits are not required to be signed by property owners unless they are responsible for the construction and are not hiring a licensed Contractor to assume this responsibility.

AM 3. I understand as an "Owner-Builder" I am the responsible party of record on the permit. I understand that I may protect myself from potential financial risk by hiring a licensed Contractor and having the permit filed in his or her name instead of my own.

AM 4. I understand Contractors are required by law to be licensed and bonded in California and to list their license numbers on permits and contracts.

AM 5. I understand if I employ or otherwise engage any persons, other than California licensed Contractors, and the total value of my construction is at least five hundred dollars ($500), including labor and materials, I may be considered an "employer" under state and federal law.

AM 6. I understand if I am considered an "employer" under state and federal law, I must register with the state and federal government, withhold payroll taxes, provide workers' compensation disability insurance, and contribute to unemployment compensation for each "employee." I also understand my failure to abide by these laws may subject me to serious financial risk.

AM 7. I understand under California Contractors' State License Law, an Owner-Builder who builds single-family residential structures cannot legally build them with the intent to offer them for sale, unless all work is performed by licensed subcontractors and the number of structures does not exceed four within any calendar year, or all of the work is performed under contract with a licensed general building Contractor.

AM 8. I understand as an Owner-Builder if I sell the property for which this permit is issued, I may be held liable for any financial or personal injuries sustained by any subsequent owner(s) that result from any latent construction defects in the workmanship or materials.

AM 9. I understand I may obtain more information regarding my obligations as an "employer" from the Internal Revenue Service, the United States Small

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Business Administration, the California Department of Benefit Payments, and the California Division of Industrial Accidents. I also understand I may contact the California Contractors' State License Board (CSLB) at 1-800-321-CSLB (2752) or www.cslb.ca.gov for more information about licensed contractors.

___10. I am aware of and consent to an Owner-Builder building permit applied for in my name, and understand that I am the party legally and financially responsible for proposed construction activity at the following address: _____.

___11. I agree that, as the party legally and financially responsible for this proposed construction activity, I will abide by all applicable laws and requirements that govern Owner-Builders as well as employers.

___12. I agree to notify the issuer of this form immediately of any additions, deletions, or changes to any of the information I have provided on this form.

Licensed contractors are regulated by laws designed to protect the public. If you contract with someone who does not have a license, the Contractors' State License Board may be unable to assist you with any financial loss you may sustain as a result of a complaint. Your only remedy against unlicensed Contractors may be in civil court. It is also important for you to understand that if an unlicensed Contractor or employee of that individual or firm is injured while working on your property, you may be held liable for damages. If you obtain a permit as Owner-Builder and wish to hire Contractors, you will be responsible for verifying whether or not those Contractors are properly licensed and the status of their workers' compensation insurance coverage.

Before a building permit can be issued, this form must be completed and signed by the property owner and returned to the agency responsible for issuing the permit.

Note: A copy of the property owner's driver's license, form notarization, or other verification acceptable to the agency is required to be presented when the permit is issued to verify the property owner's signature.

Property Owner's Signature: _____

Date: 10/13/2016

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AUTHORIZATION OF AGENT TO ACT ON PROPERTY OWNER'S BEHALF

Excluding the Notice to Property Owner, the execution of which I understand is my personal responsibility, I hereby authorize the following person(s) to act as my agent(s) to apply for, sign, and file the documents necessary to obtain an Owner-Builder permit for my project.

Scope of Construction Project (or Description of Work): _____

_____

Project Location or Address: _____

Name of Authorized Agent: _____

Address of Authorized Agent: _____

Phone Number of Authorized Agent: _____

I declare under penalty of perjury that I am the property owner for the address listed above and I personally filled out the above information and certify its accuracy.

Note: A copy of the owner's driver's license, form notarization, or other verification acceptable to the agency is required to be presented when the permit is issued to verify the property owner's signature.

Property Owner's Signature: _____ Date: _____

Recheck: 10/11/16 - PIN
Recheck: 10/12/16 Bldg

Plans Rcvd By: EB

CITY OF MORGAN HILL

COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION

17575 Peak Avenue Morgan Hill CA 95037 (408) 778-6480 / Fax (408) 779-7236

DEVELOPMENT REVIEW COMMITTEE & OVER THE COUNTER ROUTING FORM

BUILDING PERMIT NUMBER: *BRES2016-0028*

SUBMITTAL DATE: 5/24/16

DRC DATE:

APPLICANT: I-Mark Design Group

CONTACT #: 408-230-8051 EMAIL: imarkdesigns@sbcglobal.net

APN#: 817-02-001 TRACT #: LOT #:

PROJECT ADDRESS: 16685 Church St

PROJECT DESCRIPTION: Residential Addition & Remodel - New 170 Sf Office, Add 20 Sf ~~Repair Foundation and Floor System and Legalize 96 Sq Ft Addition~~ to Dining Room, Remodel Kitchen, Relocate Laundry Rm & Bathroom, Repl. Windows, Furnace & water heater, Retrofit foundation & Floor System.

Department	Date	Comments	Approved by
Building	5/25/16	See attached.	
- Recheck - Revised scope of work	10/12/16	NONE	KM
Planning	5/27/16	No Comments	R.B.
- Recheck - Revised scope of work	10/12/16	No Comments	RB

Notes:

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CITY OF MORGAN HILL

COMMUNITY DEVELOPMENT DEPARTMENT
BUILDING DIVISION
17555 PEAK AVENUE
MORGAN HILL, CA 95037
(408) 779-7241 FAX (408) 779-7236

PLAN REVIEW COMMENTS

DATE: 5/25/16 PERMIT#: BRES2016-0028

ADDRESS: 16685 CHURCH ST. PROJECT:

COMMENTS:

1) PROVIDE ELECTICAL LAYOUT W/ SUB PANEL LOCATION - SMOKE / CO

2) PROVIDE LAYOUT FOR PLUMBING FIXTURES - BATHROOM - KITCHEN

3) WATER HEATER & HEATING UNIT LOCATION.

4) WINDOWS SLEEPING ROOM FOR EGRESS WINDOWS 5.0 #

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REVIEWED BY: [signature] DATE 5/25/16 OK TO ISSUE? YES / NO

RE-CHECK BY: [signature] DATE 10/12/16 OK TO ISSUE? YES / NO

ADDITIONAL PLAN REVIEW FEE: _____ Hours x _____ {Rate} = _____ Fee

CITY OF MORGAN HILL

Case Activity Listing
Case #: BLD2005-01384
16685 CHURCH ST

1/3/2006
3:33:46PM

Activity	Description	Date 1	Date 2	Date 3	Hold	Disp	Assigned To	Done By	Updated By	Notes
BLDA0010	Application Received			12/20/2005	None			HC	12/20/2005 HC	
BLDB0500	(F) Issue Building Permit			12/20/2005	None	DONE		HC	12/20/2005 HC	
BLDF0778	Re Roof Final	12/20/2005	12/28/2005	12/28/2005	None	DONE		EB	12/28/2005 EB	AM Insp 3
BLDF1000	CASE FINAL			12/28/2005	None			EB	12/28/2005 EB	

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RequestTracker

The Citizen Request Tracker allows you to report and check the status of your issues and concerns to the City.

Login Anonymous User
Account Settings Logout

Please contact Public Works at (408)776-7333 if this is an EMERGENCY such as water main breaks, trees down in roadways or on power-line, roadway flooding, etc.

Thank you! The following information has been submitted:

Return to list

View submitted form

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Request Information		Status	
Request ID:	**1882**	Status:	**Assigned to Angie Gonzalez**
Description:	Request to Review or Copy Public Records	Email:	Angie.gonzalez@morganhill.ca.gov
IP Address:	67.164.14.45	Phone:	
Date Submitted:	7/19/2019 11:00 AM	**Location of Problem**	
Date Last Modified:	7/19/2019 11:00 AM		
Date Closed:		,	

Date/Time	Comments
7/19/2019	Your Request ID Number is 1882. **YOUR REQUEST WILL BE PROCESSED IN COMPLIANCE WITH THE PUBLIC RECORDS ACT.** **California Government Code Section 6253(c). The City of Morgan Hill, upon a request for a copy of records, shall, within 10 days from receipt of the request, determine whether the request, in whole or in part, seeks copies of disclosable public records in the possession of the agency and shall promptly notify the person making the request of the determination and the reasons therefore.** **Name** Megan Nolet **Phone Number** 4087610830 **Mailing Address** **House Number** 3880 **Street** South Bascom Avenue, Suite 109 **PO Box or Other Address** **City** San Jose **State** CA **Zip Code** 95124 **Email** mnolet@aeiconsultants.com **Fax Number** 4085597601 **Records Requested:**

Select Language ▼

Please be very specific in your request and if possible describe type, date, subject, title, etc. of all records requested. All historical and current building permits on file for 16685 Church Street and APNs 817-02-001 and 817-02-025

Please Indicate How to Provide Records Email

Cost:

$.10 per page for paper copies (letter size)

$1.00 per CD/DVD

Mailing costs are dependent on the USPS rates, materials requested, volume of records, etc.

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FIRE INSPECTION NOTIFICATION

FIRE DEPARTMENT
SANTA CLARA COUNTY
14700 Winchester Blvd., Los Gatos, CA 95032-1818
(408) 378-4010 • Fax (408) 378-9342

ADDRESS	SUITE #	CITY
94 San Pedro Av	A	MA

OCCUPANCY NAME	PHONE
Sew-Bee it Quilting	[redacted]

ISSUED TO	SIGNATURE
PEGGY MILLAR	Peggy L Millar

SHOULD HAVE BEEN ADDED TO SELF INSPECTION IN 2011 – PLEASE ADD and update Billing for 2011.

☒ **NO VIOLATIONS OBSERVED AT THIS TIME**

Issued By: [illegible] Station/Shift DU/C Date 5/30/12

Distribution: White - File, Yellow - Occupant

Form #65 Rev. 9/07

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FIRE DEPARTMENT, SANTA CLARA COUNTY

14700 Winchester Blvd., Los Gatos, CA 95032-1818

FIRE PREVENTION INSPECTION REPORT

Related Questions
Call: (408) 378-4010

ADDRESS 94 SAN PEDRO SUITE # ____ CITY MRG PHONE [redacted]
OCCUPANCY UNIQUE BOUTIQUE STATION/SHIFT DH/A OFFICER ID/INITIAL CSR/RSR
RECEIVED BY Cathy Marquez (Please Print) SIGNATURE Cathy Marquez

☐ NO VIOLATIONS OBSERVED AT THIS TIME ☒ HAZARDS CHECKED SHALL BE ABATED

VIOLATION	REMARKS
EXITS: ☐ Doors with panic hardware shall have no other lock or latch. ☐ Remove obstructions/combustibles from exits, aisles, corridors and stairways. ☐ Unlock all exit doors/pair of exit doors during business hours.	
FIRE PROTECTION SYSTEMS: ☐ Maintain access to/operation of fire protection equipment. ☐ Inspect / test sprinkler system quarterly, maintaining records on site. ☐ Five (5) year test certification is required by a licensed contractor. ☐ Identify sprinkler valves and secure in the open position. ☐ Provide spare sprinkler heads (six (6) minimum) and sprinkler wrench. ☐ Inspect and service hood and duct extinguishing system every six (6) months. ☐ Replace damaged, corroded or painted sprinkler heads. ☐ Remove all attachments from sprinkler system.	
HOUSEKEEPING: ☐ Remove or store rubbish, waste material and/or oily rags properly. ☐ Clean grease filters and hood and duct system(s) over cooking appliances.	
STORAGE: ☒ Arrange storage in orderly manner and provide for exiting and fire department access. ☐ Provide a minimum of 18" between top of storage and bottom of sprinkler heads. ☒ Reduce storage height to at least two feet (2') below ceiling. ☐ Secure and identify compressed gas cylinders with name of product.	
HAZARDOUS MATERIALS: ☐ Discontinue storage of hazardous materials or submit HMIS and obtain Hazardous Materials Storage Permit. ☐ Reduce Fire Code regulated hazmat quantities to below permit quantities or obtain Fire Code Permit(s).	
FIRE EXTINGUISHERS: ☒ Provide fire extinguisher (s) of a 2A 10BC minimum rating. ☐ Service and tag each extinguisher annually and after each use (by State Licensee). ☐ Mount extinguisher(s) where readily available, top not higher than five feet.	
FIRE RESISTIVE CONSTRUCTION: ☐ Remove obstruction(s) and alterations to fire doors. ☐ Maintain/repair fire resistive construction/assemblies.	
FIRE ALARM SYSTEMS: ☐ Maintain fire alarm system in operable condition. ☐ Test fire alarm system as required by NFPA 72. ☐ Periodic testing records shall be kept on site.	
ELECTRICAL: ☐ Discontinue use of extension cords in lieu of permanent wiring. ☒ REMOVE "CUBE TAP" FROM SURGE PROTECTION STRIP ☐ Remove extension cords placed under rugs, furniture or where subject to damage, and maintain wiring in good condition. ☐ Maintain a clearance of thirty (30) inches in front of electrical panels.	
HEAT PRODUCING APPLIANCES: ☐ Remove combustibles from mechanical/boiler/electrical room. ☐ Provide adequate clearance between heat-producing appliance and combustible materials.	
OTHER: ☐ Obtain a Permit from the Fire Prevention Division. ☐ Provide barriers to protect gas meters, regulators, piping and other equipment. ☐ Provide adequate fire department access. ☐ Provide approved fire department key box (Contact Fire Prevention Division).	
☐ Referred to Fire Prevention Liaison	☐ Referred to Hazmat Inspector

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FIRE DEPARTMENT, SANTA CLARA COUNTY

14700 Winchester Blvd., Los Gatos, CA 95032-1818

FIRE PREVENTION INSPECTION REPORT

Related Questions
Call (408) 378-4010

ADDRESS 94 SAN PEDRO AVE. SUITE # [redacted] CITY MORGAN HILL

OCCUPANCY SEW BEE IT QUILTING PHONE [redacted]

RECEIVED BY AMY JONES (Please Print) SIGNATURE [signature]

☐ NO VIOLATIONS OBSERVED AT THIS TIME ☒ HAZARDS CHECKED SHALL BE ABATED

VIOLATION	REMARKS
EXITS: ☐ Doors with panic hardware shall have no other lock or latch. ☐ Remove obstructions/combustibles from exits, aisles, corridors and stairways. ☐ Unlock all exit doors/pair of exit doors during business hours. ☐ Maintain exit sign(s) in good working order.	
FIRE PROTECTION SYSTEMS: ☐ Maintain access to/operation of fire protection equipment. ☐ Inspect / test sprinkler system quarterly, maintaining records on site. ☐ Five (5) year test certification is required by a licensed contractor. ☐ Identify sprinkler valves and secure in the open position. ☐ Provide spare sprinkler heads (six (6) minimum) and sprinkler wrench. ☐ Inspect and service hood and duct extinguishing system every six (6) months. ☐ Replace damaged, corroded or painted sprinkler heads. ☐ Remove all attachments from sprinkler system.	
HOUSEKEEPING: ☐ Remove, or store rubbish, waste material and/or oily rags properly. ☐ Clean grease filters and hood and duct system(s) over cooking appliances.	
STORAGE: ☐ **Arrange storage in orderly manner and provide exiting and fire department access.** ☐ Provide minimum 18" between top of storage and bottom of sprinkler heads. ☐ Reduce storage height to at least two feet (2') below ceiling. ☐ Secure and identify compressed gas cylinders with name of product.	
HAZARDOUS MATERIALS: ☐ Discontinue storage of hazardous materials or submit HMIS and obtain Hazardous Materials Storage Permit. ☐ Reduce Fire Code regulated hazmat quantities to below permit quantities or obtain Fire Code Permit(s).	
FIRE EXTINGUISHERS: ☒ Provide extinguisher(s) of a 2A10BC minimum rating. ☐ Provide annual maintenance or required service and tag each extinguisher by State Licensee. ☒ Mount extinguisher(s) where readily available, top not higher than five feet.	
FIRE RESISTIVE CONSTRUCTION: ☐ Remove obstruction(s) and alterations to fire doors. ☐ Maintain/repair fire resistive construction/assemblies.	
FIRE ALARM SYSTEMS: ☐ Maintain fire alarm system in operable condition. ☐ Test fire alarm system as required by NFPA 72. ☐ Periodic testing records shall be kept on site.	
ELECTRICAL: ☐ Discontinue use of extension cords in lieu of permanent wiring. ☐ Remove extension cords placed under rugs, furniture or where subject to damage and maintain wiring in good condition. ☐ Maintain a clearance of thirty (30) inches in front of electrical panels.	
HEAT PRODUCING APPLIANCES: ☐ Remove combustibles from mechanical/boiler/electrical room. ☐ Provide adequate clearance between heat-producing appliance and combustible materials.	
OTHER: ☐ Obtain a Permit from the Fire Prevention Division. ☐ Provide barriers to protect gas meters, regulators, piping and other equipment. ☐ Provide adequate fire department access. ☐ Provide approved fire department key box (Contact Fire Prevention Division).	
☐ **Referred to Fire Prevention**	☐ **Referred to Hazmat Inspector**

ISSUED : Station/Shift "A" ET Officer ID/Initial SCHOTT C.47 Date 4/1/11 Reinspection Date NEXT ANNUAL C-YEAR

Distribution: White – File, Yellow – Referral, Pink - Occupant

Form 19
Rev. 03/04

DRAFT

BUILDING ADDRESS
16685 CHURCH ST

PARCEL/TRACT # LOT#

ISSUED DATE: 12/20/05 ISSUED BY: HC

APN# 817-02-001 RECEIVED DATE: 12/20/05

PERMIT NUMBER
BLD2005-01384

BUILDING: Y ELECTRICAL: N MECHANICAL: N PLUMBING: N REROOF: Y

EXISTING USE: Single Family Res. CONSTUCTION TYPE:

PROPOSED USE: Single Family Res. VALUATION: $3,500.00

GROUP: . . UBC: 2001 NEC: 2002

Property Owner
JOHN MARQUEZ
PO BOX 1767
MORGAN HILL, CA 95037 Phone: (408) 778-1717

Architect
Phone:
License No.: Exp Date:

Contractor
MARRAD GROUP INC
PO BOX 1767
MORGAN HILL, CA 95037 Phone: (408) 778-1717
M.H. Bus. Lic. No.: 1244 Exp Date: 6/30/06

Engineer
Phone:
License No.: Exp Date:

License Class: STATE State License Number: 621778 B, HIC Expiration Date: 06/30/07

I Hereby affirm that I am licensed under the provisions of Chapter 9 commencing with Section 7000 of Division 3 of the Business and Professions Code, and my license is in full fource and effect.

SIGNATURE X John Marquez DATE 12/20/05

HAZARDOUS MATERIALS: YES _____ NO _____ Indicate if the intended occupancy will use chemicals, initialing Yes acknowledges that H & S code sections 25505, 25533 & 25534 as well as filing directions were made available to you.

WORKERS' COMPENSATION DECLARATION: I hereby affirm that I have a certificate of consent to self-insure, or a certificate of workers' compensation insurance or a certified copy therof, SEC. 3800, LAB. C.

Policy Number: 1427481 Expiration Date: 05/01/06

SIGNATURE X John Marquez DATE 12/20/05

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION: (This section need not be completed if the permit is for one hundred dollars ($100) or less). I certify that if in the performance of the work for which this permit is issued, I shall not emply any person in any manner as to become subject to the workers' compensation laws of California.

SIGNATURE X DATE

Notice to applicant: If after making this certificate of exemption you should become subject to the workers' compensation provisions of the labor code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

OWNER BUILDER DECLARATION: I hereby affirm that I am exempt from the contractor's license law for the following reason (Sec. 7031.5. Business and Professions Code: any City or County which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the contractor's license law (Chapter 9 (Commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than ($500).).

☐ I, as owner of the property, or my employer with wages as their sole compensation, will do the work and the structure is not intended or offered for (Sec. 7044, Business and Professions Code: the contractor's license law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: the contractor's license law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the contractor's license law).

☐ I am Exempt under Sec. , B. & P.C. for this reason:

SIGNATURE X DATE

Building	Electrical	Mechanical / Plumbing

Proposed Work
(REISSUE EXPIRED PERMIT BLD2005-00252) RE-ROOF - REMOVE COMP, INSTALL 20YR COMP, 40LB FELT, 5/8" OSB, 14 SQUARES

Plan Check Fees
Paid Plan Check Fees:

Permit Fees

Gen Plan Admendment Fee 5%	$4.86
Micro Film Fee-$2.00 per/Pg	$4.00
Permit Fee	$97.25
Seismic fee	$0.50
Paid Permit Fees:	$106.61

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and county ordinances and state laws relating to building construction, and hereby authorize representatives of this agency to enter upon the above-mentioned property for inspection purposes. I (we) further agree to save, indemnify, and keep harmless the City of Morgan Hill against liabilities, judgements, costs, and expenses which may in any way accrue against said City in consequence of the granting of this permit and will pay all expenses including attorney's fees in connection therewith. All work performed by virtue of this permit must conform to plans and specifications and application filed by the owner or his authorized agent with the Building Inspection Division. This permit does not constitute approval of any violation of the above recited provisions, nor of any state or city ordinance. SIGNATURE X John Marquez DATE 12/20/05

DRAFT

CITY OF MORGAN HILL
BUILDING INSPECTION DIVISION
17555 Peak Avenue
Morgan Hill, CA 95037
Office (408) 779-7241

STREET COPY
BUILDING PERMIT

CITY OF MORGAN HILL

Case Activity Listing
Case #: BLD2005-01384
16685 CHURCH ST

1/3/2006
3:33:46PM

Activity	Description	Date 1	Date 2	Date 3	Hold	Disp	Assigned To	Done By	Updated By	Notes
BLDA0010	Application Received			12/20/2005	None			HC	12/20/2005 HC	
BLDB0500	(F) Issue Building Permit			12/20/2005	None	DONE		HC	12/20/2005 HC	
BLDF0778	Re Roof Final	12/20/2005	12/28/2005	12/28/2005	None	DONE		EB	12/28/2005 EB	AM Insp 3
BLDF1000	CASE FINAL			12/28/2005	None			EB	12/28/2005 EB	

DRAFT

BUILDING ADDRESS
16685 CHURCH ST

PARCEL/TRACT # | LOT#

ISSUED DATE: 04/19/06 | ISSUED BY: HC

PERMIT NUMBER
BLD2006-00356

APN# 817-02-001 | RECEIVED DATE: 04/19/06

BUILDING: Y ELECTRICAL: N MECHANICAL: N PLUMBING: N REROOF: N

EXISTING USE: Single Family Res. CONSTUCTION TYPE: .

PROPOSED USE: Single Family Res. VALUATION: $1,000.00

GROUP: . , CBC: 2001 NEC: 2002

Property Owner

MARRAD GROUP INC
PO BOX 1767
MORGAN HILL, CA 95038 Phone: (408)778-1717

Architect

Phone:
License No.: Exp Date:

Contractor

MARRAD GROUP INC
PO BOX 1767
MORGAN HILL, CA 95037 Phone: (408) 778-1717
M.H. Bus. Lic. No.: 1244 Exp Date: 6/30/06

Engineer

Phone:
License No.: Exp Date:

Building	Electrical	Mechanical / Plumbing

License Class: STATE State License Number: 621778 B, HIC Expiration Date: 06/30/07

I Hereby affirm that I am licensed under the provisions of Chapter 9 commencing with Section 7000 of Division 3 of the Business and Professions Code, and my license is in full force and effect.

SIGNATURE X DATE 4/19/06

HAZARDOUS MATERIALS: Indicate if the intended occupancy will use chemicals, initialing Yes acknowledges that H & S code sections 25505, 25533 & 25534 as well as filing directions were made available to you.

YES ____ NO ____

WORKERS' COMPENSATION DECLARATION: I hereby affirm that I have a certificate of consent to self-insure, or a certificate of workers' compensation insurance or a certified copy therof, SEC. 3800, LAB. C.

Policy Number: 1427481 Expiration Date: 05/01/06

SIGNATURE X DATE 4/19/06

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION : (This section need not be completed if the permit is for one hundred dollars ($100) or less) I certify that if in the performance of the work for which this permit is issued. I shall not employ any person in any manner as to become subject to the workers' compensation laws of California.

SIGNATURE X DATE

Notice to applicant: If after making this certificate of exemption you should become subject to the workers' compensation provisions of the labor code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

OWNER BUILDER DECLARATION :

I hereby affirm that I am exempt from the contractor's license law for the following reason (Sec. 7031.5. Business and Professions Code: any City or County which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the contractor's license law (Chapter 9 (Commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hunder dollars ($500).):

☐ I, as owner of the property, or my employer with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: the contractor's license law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: the contractor's license law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the contractor's license law).

☐ I am Exempt under Sec. _____, B. & P.C. for this reason:

SIGNATURE X DATE

Proposed Work

REPLACE 100 SQ OF SIDING, REPLACE 2 WINDOWS (ALTER HEIGTH OF ONE WINDOW), REPLACE ONE DOOR

Plan Check Fees

Paid Plan Check Fees:

Permit Fees

Building Permit Fee	$38.75
Gen. Plan Maint. Fee 5%	$1.94
Micro Film Fee-$2.00 per/Pg	$4.00
Seismic Fee	$0.50
Paid Permit Fees:	$45.19

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and county ordinances and state laws relating to building construction, and hereby authorize representatives of this agency to enter upon the above-mentioned property for inspection purposes. I (we) further agree to save, indemnify, and keep harmless the City of Morgan Hill against liabilities, judgements, costs, and expenses which may in any way accrue against said City in consequence of the granting of this permit and will pay all expenses including attorney's fees in connection therewith. All work performed by virtue of this permit must conform to plans and specifications and application filed by the owner or his authorized agent with the Building Inspection Division. This permit does not constitute approval of any violation of the above recited provisions, nor of any state or city ordinance. SIGNATURE X DATE 4/19/06

CITY OF MORGAN HILL
BUILDING INSPECTION DIVISION

17555 Peak Avenue
Morgan Hill, CA 95037
Office (408) 779-7241

STREET COPY
BUILDING PERMIT

DRAFT

CITY OF MORGAN HILL

Case Activity Listing

Case #: BLD2006-00356

16685 CHURCH ST

CENTENNIAL Morgan Hill 1906-2006

Activity	Description	Date 1	Date 2	Date 3	Disp	Assigned To	Done By	Updated By	Notes
BLDA0010	Application Received			04/19/2006			HC	4/19/2006 HC	
BLDB0500	(F) Issue Building Permit			04/19/2006	DONE		HC	4/19/2006 HC	
BLDF0745	Rough - Frame (E,M,P,)	04/19/2006	04/20/2006	04/20/2006	DONE		TLA	4/20/2006 TLA	repair of rotted area.
BLDF0770	Building Final	04/26/2006	04/27/2006	04/26/2006	CAN		IVR	4/26/2006 IVR	AM Insp 1
BLDF0770	Building Final	04/26/2006	04/27/2006	04/27/2006	FAIL		EB	9/22/2006 EB	needs landing at front of door
BLDF0801	Sign Final	09/22/2006	09/25/2006	09/25/2006	CNCL		KXD	9/25/2006 KXD	AM Insp 2
BLDF0801	Sign Final	09/25/2006	09/26/2006	09/26/2006	DONE		TLA	9/26/2006 TLA	Building
BLDF1000	CASE FINAL			09/26/2006			TLA	9/26/2006 TLA	

DRAFT

CITY OF MORGAN HILL
BUILDING INSPECTION DIVISION

APPLICATION FOR BUILDING PERMIT

17555 Peak Avenue
Morgan Hill, CA 95037
Office (408) 779-7241

STREET COPY

BUILDING ADDRESS	SUB DIVISION / TRACT #	LOT#	RECEIVED BY:	DATE	PERMIT NUMBER
16685 CHURCH ST			BUILD	03/16/05	BLD2005-00252

PROPERTY OWNER NAME	JOHN MARQUEZ	PHONE (HOME) [redacted] (OFFICE)	APN# 817-02-001	DATE ISSUED 03/16/05
MAILING ADDRESS	PO BOX 1767	CITY MORGAN HILL	STATE CA	ZIP 95037
ARCHITECT NAME		LICENSE NO.	PHONE	
MAILING ADDRESS		CITY	STATE	ZIP
ENGINEER NAME		LICENSE NO.	PHONE	
MAILING ADDRESS		CITY	STATE	ZIP
CONTRACTOR NAME	MARRAD GROUP INC	LICENSE NO. 1244	PHONE (408) 778-1717	
MAILING ADDRESS	PO BOX 1767	CITY MORGAN HILL	STATE CA	ZIP 95037

■ BUILDING ☐ ELECTRICAL ☐ MECHANICAL ☐ PLUMBING ■ REROOF ☐ GRADING

☐ NEW ☐ ADDITION ☐ ALTERATION ■ REPAIR ☐ FOUNDATION ☐ MOVE
☐ ASF ☐ DEMOLITION ☐ CHIMNEY REPAIR ☐ FIRE REPAIR ☐ MINOR ☐ OTHER

☐ ACCESS BLDG. ☐ CONDO ☐ DUPLEX ☐ INDUSTRIAL ■ SFD ☐ SPA / POOL
☐ APT ☐ COMMERCIAL ☐ NON-HOUSEKEEPING ☐ SAT. DISH ☐ SIGN ☐ TOWNHOUSE

FLOOR AREA	VALUATION	PLAN NUMBER
	$ 3,500.00	

GARAGE AREA	NO. OF UNITS	MAX OCC	STORIES

DECK AREA	GROUP	TYPE	BEDROOMS	CBC	CEC
				2001	2001

I HEREBY AFFIRM THAT I AM LICENSED UNDER THE PROVISIONS OF CHAPTER 9 (COMMENCING WITH SECTION 7000 OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE, AND MY LICENSE IS IN FULL FORCE AND EFFECT.

LICENSE CLASS STATE EXP. DATE 06/30/05 STATE LICENSE NUMBER 621778 B. HIC

SIGNATURE X John a Marquez DATE 3/16/05

PROPOSED WORK
RE-ROOF; REMOVE COMP, INSTALL 20YR COMP, 40LB FELT, 5/8" OSB, 14 SQUARES

PERMIT EXPIRED

HAZARDOUS MATERIALS: INDICATE IF THE INTENDED OCCUPANCY WILL USE CHEMICALS, INITIALING YES ACKNOWLEDGES THAT H & S CODE SECTIONS 25505, 25533 & 25534 AS WELL AS FILING DIRECTIONS WERE MADE AVAILABLE TO YOU.
YES NO

MIN OF 24 HOUR NOTICE FOR INSPECTION-CALL (408)776-9108

OWNER BUILDER DECLARATION I HEREBY AFFIRM THAT I AM EXEMPT FROM THE CONTRACTOR'S LICENSE LAW FOR THE FOLLOWING REASON (SEC. 7031.5, BUSINESS AND PROFESSIONS CODE; ANY CITY OR COUNTY WHICH REQUIRES A PERMIT TO CONSTRUCT, ALTER, IMPROVE, DEMOLISH, OR REPAIR ANY STRUCTURE, PRIOR TO ITS ISSUANCE, ALSO REQUIRES THE APPLICANT FOR SUCH PERMIT TO FILE A SIGNED STATEMENT THAT HE IS LICENSED PURSUANT TO THE PROVISIONS OF THE CONTRACTOR'S LICENSE LAW (CHAPTER 9 (COMMENCING WITH SECTION 7000) OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE) OR THAT HE IS EXEMPT THEREFROM AND THE BASIS FOR THE ALLEGED EXEMPTION. ANY VIOLATION OF SECTION 7031.5 BY ANY APPLICANT FOR A PERMIT SUBJECTS THE APPLICANT TO A CIVIL PENALTY OF NOT MORE THAN FIVE HUNDRED DOLLARD ($500).):

☐ I, AS OWNER OF THE PROPERTY, OR MY EMPLOYER WITH WAGES AS THEIR SOLE COMPENSATION, WILL DO THE WORK, AND THE STRUCTURE IS NOT INTENDED OR OFFERED FOR SALE (SEC. 7044, BUSINESS AND PROFESSIONS CODE: THE CONTRACTOR'S LICENSE LAW DOES NOT APPLY TO AN OWNER OF PROPERTY WHO BUILDS OR IMPROVES THEREON, AND WHO DOES SUCH WORK HIMSELF OR THROUGH HIS OWN EMPLOYEES, PROVIDED THAT SUCH IMPROVEMENTS ARE NOT INTENDED OR OFFERED FOR SALE. IF, HOWEVER, THE BUILDING OR IMPROVEMENT IS SOLD WITHIN ONE YEAR OF COMPLETION, THE OWNER-BUILDER WILL HAVE THE BURDEN OF PROVING THAT HE DID NOT BUILD OR IMPROVE FOR THE PURPOSE OF SALE)

☐ I, AS OWNER OF THE PROPERTY, AM EXCLUSIVELY CONTRACTING WITH LICENSED CONTRACTORS TO CONSTRUCT THE PROJECT (SEC. 7044, BUSINESS AND PROFESSIONS CODE: THE CONTRACTOR'S LICENSE LAW DOES NOT APPY TO AN OWNER OF PROPERTY WHO BUILDS OR IMPROVES THEREON, AND WHO CONTRACTS FOR SUCH PROJECTS WITH A CONTRACTOR(S) LICENSED PURSUANT TO THE CONTRACTOR'S LICENSE LAW).

☐ I AM EXEMPT UNDER SEC. . B. & P.C. FOR THIS REASON:

SIGNATURE X DATE

BUILDING	$97.25
PLAN CHECK	
ELECTRICAL	
MECHANICAL	
PLUMBING	
GRADING	
GPA	$4.86
MICROFILM	$4.00
SEISMIC	$0.50
INV FEE	
COPIES (BDPC)	
BUILDING SURVEY	
OTHER MISC. FEES	
TOTAL FEES:	$106.61

WORKERS' COMPENSATION DECLARATION I HEREBY AFFIRM THAT I HAVE A CERTIFICATE OF CONSENT TO SELF-INSURE, OR A CERTIFICATE OF WORKERS' COMPENSATION INSURANCE OR A CERTIFIED COPY THEREOF, SEC. 3800, LAB. C)

POLICY NUMBER 1427481

CERTIFIED COPY IS HEREBY FURNISHED ☐ EXP. DATE 05/01/05 VERIFIED B.I.D.

SIGNATURE X John a Marquez DATE 3/16/05

CITY BUS. LIC# 1244 EXP. DATE 06/30/05

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION (THIS SECTION NEED NOT BE COMPLETED IF THE PERMIT IS FOR ONE HUNDRED DOLLARS ($100 OR LESS) I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, I SHALL NOT EMPLOY ANY PERSON IN ANY MANNER AS TO BECOME SUBJECT TO THE WORKERS' COMPENSATION LAWS OF CALIFORNIA.

SIGNATURE X DATE

CONSTRUCTION LENDING AGENCY I HEREBY AFFIRM THAT THERE IS A CONSTRUCTION LENDING AGENCY FOR THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED (SEC. 3097, CIVC)

LENDER NAME:

MAILING ADDRESS CITY STATE ZIP

NOTICE TO APPLICANT: IF AFTER MAKING THIS CERTIFICATE OF EXEMPTION, YOU SHOULD BECOME SUBJECT TO THE WORKERS' COMPENSATION PROVISIONS OF THE LABOR CODE, YOU MUST FORTHWITH COMPLY WITH SUCH PROVISIONS OR THIS PERMIT SHALL BE DEEMED REVOKED.

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and county ordinances and state laws relating to building construction, and hereby authorize representatives of this agency to enter upon the above-mentioned property for inspection purposes. I (we) further agree to save, indemnify, and keep harmless the City of Morgan Hill against liabilities, judgements, costs, and expenses which may in any way accrue against said City in consequence of the granting of this permit and will pay all expenses including attorney's fees in connection therewith. All work performed by virtue of this permit must conform to plans and specifications and application filed by the owner or his authorized agent with the Building inspection Div. This permit does not constitute approval of any violation of the above recited provisions, nor of any state or city ordinance.

SIGNATURE X John a Marquez DATE 3/16/05

DRAFT

CITY OF MORGAN HILL

Case Activity Listing
Case #: BLD2005-00252
16685 CHURCH ST

10/20/2005
10:11:12AM

Activity	Description	Date 1	Date 2	Date 3	Hold	Disp	Assigned To	Done By	Updated By	Notes
BLDA0010	Application Received			3/16/2005	None			BBB	3/16/2005 BBB	
BLDB0500	(F) Issue Building Permit			3/16/2005	None	DONE		BBB	3/16/2005 BBB	
BLDF0778	Re Roof Final	4/14/2005	4/15/2005	4/15/2005	None	FAIL		TLA	4/15/2005 TLA	Vent jacks not sealed
BLDA0950	Permit Expired			10/20/2005	None	DONE		ALS	10/20/2005 ALS	

DRAFT

COMMUNITY DEVELOPMENT DEPARTMENT
BUILDING DIVISION

FOR APPLICANT TO FILL IN
WITH BALL POINT PEN ONLY

City of Morgan Hill

PERMIT NUMBER

APPLICATION & PERMIT

BUILDING ELECTRICAL
PLUMBING MECHANICAL

DAVID Brennese
13737 Wallace Pl
Morgan Hill 95037 778-1544

ADDRESS

BUS LIC #

LICENSE CONTRACTOR DECLARATION

OWNER BUILDER DECLARATION

Date

WORKERS COMPENSATION DECLARATION

Applicant

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

Date

Signature of Applicant or Agent

ELECTRIC PERMIT

ITEM	NUMBER	EACH	FEE
OUTLETS, SWITCHES		$	$
LIGHTING FIXTURES			
RANGES, COOKTOPS, OVENS			
WATER HEATERS			
DISPOSALS			
DISHWASHERS			
MOTORS			
MISC			
FLA FIXTURES			
TEMP POWER			
SERVICE	100		125
TEMP POLE			
WRONG PERMIT			15.00
TOTAL FEE			$ 33.50

PLUMBING PERMIT

No.	ITEM	No.	ITEM
	WATER CLOSET		LAUNDRY TUB
	BATHTUB		CLOTHES WASHER
	SHOWER		DISPOSER
	LAVATORY		FLOOR DRAIN
	SINK		FLOOR SINK
	DISHWASHER		DRINKING FOUNTAIN

	FEE
TOTAL	$
MISCELLANEOUS ITEMS	
FLOOR DRAIN	
WATER HEATER	
WATER SYSTEM	
WATER SOFTENER	
LAWN SPRINKLER	
GAS SYSTEM	
STORM DRAIN OUTLETS	
PERMIT	
INSPECTION	
TOTAL FEE	$

BUILDING PERMIT INFORMATION

Const Type | Ground

VALUATION | FEE

APPROVALS

	DATE	INSPECTOR
FINAL		

MECHANICAL PERMIT

NO	TYPE OF EQUIPMENT	PERMIT FEES
	CENTRAL HEAT BTU M EACH	$
	GRAVITY SYSTEMS BTU M EA	
	FORCED FURNACES BTU M EA	
	WALL HEATERS BTU M	
	UNIT HEATERS BTU M EA	
	BOILERS HP EA	
	AIR COND UNITS HP EA	
	REFRIGERATION TONS HP EA	
	EVAPORATIVE COOLERS	
	VENTILATION FAN	
	AIR HANDLING UNIT CFM	
	HOOD & EXHAUST DUCTWORK	
	HEAT PUMP	
	PERMIT	$
	TOTAL FEE	$

Shall comply to air pollution requirements per AB 928 ☐ YES ☐ NO

Asbestos notification to BAAQMD ☐ YES ☐ NO ☐ EXEMPT

Job card shall be posted on the job at all times of inspection to make the required entries thereon.

FEE SUMMARY	
BUILDING	
SEISMIC FEE	
MECHANICAL	
ELECTRIC	33.50
PLUMBING	
MECHANICAL	
HAZMAT	
FIRE SPRINK	
TOTAL FEE $	33.50

FIRE SPRINK
Y ☐ N ☐
ENERGY T-24
Y ☐ N ☐

PERMIT VALUATION
$33.50 10/19/92
ISSUANCE DATE

BLDG	ELECT	PLG	MECH

PERMIT EXPIRATION
IF WORK IS NOT STARTED WITHIN 180 DAYS OF PERMIT ISSUANCE OR IS CANCELLED FROM LAST CALLED INSPECTION

APPROVALS FOR ISSUANCE | APPROVALS FOR FINAL

PUBLIC WORKS | PLANNING | LANDSCAPING | HEALTH DEPT | FIRE DEPT

Distribution: White-Inspection Record Green-Permittee Canary-Finance Department Pink-Interim Record Goldenrod Permittee

SAMPLE

Job Type:
Permit #: 92 0886
Issued: 10/19/92
Owner: DAVID BRENNEISE
Contractor: Owner/Builder
Description:
100 AMP SERVICE

Address: 16685 CHURCH ST.
Permit Type: E

	DATE
Engineered Foundation Letter	
Special Inspector Logs	
Survey Letter	
Insulation Certificate	
Title 24 Compliance	
Special Inspector Compliance	
List of Subs	

FINAL INSPECTION SIGN-OFFS

Fire	
Planning	
Pre-Treatment	
Public Works	

COMMENTS

	DATE
Temporary Power Pole	
Called PG&E	
Temporary Elect. Service	
Called PG&E	
Temporary Gas Service	
Called PG&E	

JOB FINALED: 10/20/92 Date

Signature

DRAFT

INSPECTION	DATE	INSP.
Engineered Found.		
Setback-Ufer		
Footings-Steel		
Forms		
Block Foundation		
Fireplace-Footing		

POUR NO CONCRETE UNTIL ABOVE HAS BEEN SIGNED

Concrete Slab Floor		
Plumb(groundwork)		
Elect.(groundwork)		
Fill & Re-inforcing		

POUR NO CONCRETE UNTIL ABOVE HAS BEEN SIGNED

MASONRY WALL

Date	Sign	Date	Sign	Date	Sign
4		12		20	
8		16		24	

POUR NO CONCRETE UNTIL ABOVE HAS BEEN SIGNED

CARPORT

Footing (concrete)		
Slab		
Frame		

GARAGE/DRIVEWAY

Garage Slab(concrte)		
Driveway		

POUR NO CONCRETE OR PLACE ANY ASPHALT CONCRETE UNTIL ABOVE HAS BEEN SIGNED

Sewer		
Water		

PLACE NO FILL UNTIL ABOVE HAS BEEN SIGNED

INSPECTION	DATE	INSP.
UNDERFLOOR		
Gas		
Plumbing		
Heacing		
Electrical		
Underpinning		

PLACE NO INSULATION UNTIL ABOVE HAS BEEN SIGNED

Insulation		

PLACE NO SUBFLOOR UNTIL ABOVE HAS BEEN SIGNED

ROOFING		
Shear Nail		
Roof Sheathing		
Sheet Metal		

APPLY NO ROOFING UNTIL ABOVE HAS BEEN SIGNED

Rough Gas		
Plumbing Top Out		
Rough Heating		
Rough Electrical		
Framing		

APPLY NO INSULATION UNTIL ABOVE HAS BEEN SIGNED

Wall Insulation		
Ceiling Insulation		

APPLY NO SHEETROCK UNTIL ABOVE HAS BEEN SIGNED

Sheetrock Nail		
Exterior Lath		

NO TAPE OR PLASTER UNTIL ABOVE HAS BEEN SIGNED

Gas Test		

********INSPECTION NOTES**********

DRAFT

City of Morgan Hill
Development Services Center

17575 Peak Ave
Morgan Hill, CA 95037
(408)778-6480

BUILDING PERMIT APPLICATION
Permit Number: BLD2013-00999

BUILDING ADDRESS	PARCEL/TRACT #	LOT #	APN
16685 CHURCH ST			817-02-001

Property Owner

HO TRUONG
10787 PORTER LN
SAN JOSE, CA 95127
Phone: [redacted]

Contractor

Phone: MH Lic. #: Exp:

Architect

Phone: Lic . # Exp:

Engineer

DB ENGINEERING
2021 THE ALAMEDA STE 360
SAN JOSE, CA 95126
Phone: (408) 621-0114 Lic. #: C62300 Exp: 9/30/13

RECEIVED DATE: 05/31/13
ISSUED DATE: 06/07/13
PROJECT NAME:
VALUATION: $30,000.00
CONSTUCTION TYPE: ,
OCCUPANCY GROUP: , ,
EXISTING USE: Single Family Res.
PROPOSED USE: Single Family Res.

Description of Work

REPAIRS TO FOUNDATION, SEWER DRAIN AND ELECTRICAL

PERMIT EXPIRED

Plan Check Fees

LRP - PC Fee 15%	$70.15
Plan Check Fee - 75%	$467.65
Paid Plan Check Fees:	$537.80

Building Data

Permit Type

BUILDING: Y
ELECTRICAL: Y
MECHANICAL: N
PLUMBING: Y
REROOF: N
FIRE SPRINKLERS:
HAZARDOUS MATERIAL:

Permit Fees

Combination Permit Fee		$623.53
LRP Fee 15%		$93.53
Micro Film Fee-$2.00 per/Pg	36.00	~~$13.00~~
Seismic Fee		$3.00
Paid Permit Fees:		~~$733.06~~ 756.06

LICENSED CONTRACTOR'S DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. License Class: _____ License Number: _____

SIGNATURE X_____ DATE_____

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the Contractors' License Law for the following reason(s) indicated below by the checkmark(s) I have placed next to the applicable item(s) (Sec. 7031.5, Business and Professions Code: Any city or county that requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for the permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors' License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt from licensure and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):

(✓) I, as owner of the property, or my employees with wages as their sole compensation, will do (__) all of or (✓) portions of the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractors' State License Law does not apply to an owner of property who, through employees' or personal effort, builds or improves the property, provided that the improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the Owner-Builder will have the burden of proving that it was not built or improved for the purpose of sale.).

(___) I, as owner of the property, am exclusively contracting with licensed Contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors' State License Law does not apply to an owner of property who builds or improves thereon, and who contracts for the projects with a licensed Contractor pursuant to the Contractors' State License Law.).

(___) I am exempt from licensure under the Contractors' State License Law for the following reasons: _____

By my signature below I acknowledge that, except for my personal residence in which I must have resided for at least one year to completion of the improvements covered by this permit, I cannot legally sell a structure that I have built as an owner-builder if it has not been constructed in its entirety by licensed contractors. I understand that a copy of the applicable law, Section 7044 of the Business and Professions Code, is available upon request when this application is submitted or at the following Web site: http://www.leginfo.ca.gov/calaw/html.

SIGNATURE X_____ DATE 6/7/13

WORKERS' COMPENSATION DECLARATION WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

I hereby affirm under penalty of perjury one of the following declarations:

(___) I have and will maintain a certificate of consent to self-insure for workers' compensation, issued by the Director of Industrial Relations as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. Policy No.:_____

(___) I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' comensation insurance carrier and policy number are:

Carrier: _____ Policy No: _____ Expiration Date: _____
Name of Agent: _____ Phone# (_____)_____

(___) I certify that, in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

SIGNATURE X_____ DATE_____

DECLARATION REGARDING CONSTRUCTION LENDING AGENCY: I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civil Code). By my signature below, I certify to each of the following: I am the property owner or authorized to act on the property owner's behalf. I have read this application and the information I have provided is correct. I agree to comply with all applicable city and county ordinances and state laws relating to building contruction. I authorize representatives of this city or county to enter the above-identified property for inspection purposes.

Lender's Name: _____ Lender's Address: _____

SIGNATURE X_____ DATE_____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and county ordinances and state laws relating to building construction, and hereby authorize representatives of this agency to enter upon the above-mentioned property for inspection purposes. I (we) further agree to save, indemnify, and keep harmless the City of Morgan Hill against liabilities, judgements, costs, and expenses which may in any way accrue against said City in consequence of the granting of this permit and will pay all expenses including attorney's fees in connection therewith. All work performed by virtue of this permit must conform to plans and specifications and application filed by the owner or his authorized agent with the Building Inspection Division. This permit does not constitute approval of any violation of the above recited provisions, nor of any state or city ordinance.

SIGNATURE X_____ DATE 6/7/13

DRAFT

CITY OF MORGAN HILL

Case Activity Listing

Case #: BLD2013-00999

16685 CHURCH ST

Activity	Description	Date 1	Date 2	Date 3	Disp	Done By	Updated By	Notes
BLDA0010	Application Received			05/31/2013		MEB	5/31/2013 MEB	
BLDB0500	(F) Issue Building Permit 09			06/07/2013		MEB	6/7/2013 MEB	
BLDA0950	Permit Expired			12/05/2014	DONE	ALS	12/5/2014 ALS	

DRAFT

CITY OF MORGAN HILL	Building & Fire Prevention Division 17575 Peak Ave Morgan Hill, CA 95037 (408)778-6480	Permit Number: BRES2016-0028 Date Issued: 10/13/2016

Building Address: 16685 CHURCH ST Project Name:

APN: 81702001 Parcel Map No.: Tract No.: Lot No.:

Type: BUILDING RESIDENTIAL Classification: ADDITION

Description: RESIDENTIAL ADDITION & REMODEL (NEW 170 SF OFFICE, ADD 20 SF

TO DINING ROOM, REMODEL KITCHEN, RELOCATE LAUNDRY ROOM AND BATHROOM, REWIRE ELECTRICAL SYSTEM, REPLACE DAMAGED WINDOWS AND DOORS, RETROFIT FOUNDATION AND FLOOR SYSTEM, INSTALL NEW FURNACE AND WATER)

Type of Construction: VB Occupancy Group: R-3 Residential [X] Commercial [ ] Industrial [ ]

No. of Stories: 1 No. of Bedrooms: No. of Bathrooms: No. of Units: Floor Area: 190 Garage: Porch:

Valuation: $51,000.00 Trades Included: Building: YES Electrical: YES Mechanical: YES Plumbing: YES Fire: NO

Property Owner: NGUYET LE TRUONG

Address: 10787 PORTER LN SAN JOSE, CA 95127

Phone No.: [redacted]

PERMIT EXPIRED

Contractor:

Address: ,

Phone No.: License No.:

Architect:

Address: ,

Phone No.: License No.:

Engineer: DB ENGINEERING

Address: 2021 THE ALAMEDA STE 360 SAN JOSE, CA 95126

Phone No.: (408)621-0114 License No.: C62300

Plan Check Fees	
Total:	$850.17
Permit Fees	
BUILDING COMBO PERMIT	$914.47
CBSC FEE	$3.00
LRP - PERMIT	$137.17
MICROFILM	$35.25
MISC BUILDING	$129.47
SEISMIC	$6.63
Total:	$1,225.99

DRAFT

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. Lic. No.: _____ Class: _____ Expiration: _____

SIGNATURE X _____ DATE _____

WORKER'S COMPENSATION DECLARATION

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL, PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

I hereby affirm under penalty of perjury one of the following declarations:

( ) I have and will maintain a certificate of consent to self-insure for workers' compensation, issued by the Director of Industrial Relations as provided for by Section 3700 of the Labor Code, for the performance of the work for which the permit is issued. Policy No.: _____

( ) I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are: Policy No. _____ Expiration: _____

Carrier: _____ Name of Agent: _____ Phone No.: _____

( ) I certify that, in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

SIGNATURE X _____ DATE _____

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractors' License Law for the following reason(s) indicated below by the checkmark(s) I have placed next to the applicable item(s) (Sec. 7031.5, Business and Professions Code: Any city or county that requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for the permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors' License Law (Chapter 9 (commencing with Section 700) of Division 3 of the Business and Professions Code) or that he or she is exempt from licensure and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):

( ) I, as owner of the property, or my employees with wages as their sole compensation, will do ( ) all of or (X) portions of the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The contractors' State License Law does not apply to an owner of property who, through employees' or personal effort, builds or improves the property, provided that the improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the Owner-Builder will have the burden of proving that it was not built or improved for the purpose of sale.).

( ) I, as owner of the property, am exclusively contracting with licensed Contractor to construct the project (Sec. 7044, Business and Professions Code: The Contractors' State License Law does not apply to an owner of property who builds or improves thereon, and who contracts for the projects with a licensed Contractor pursuant to the Contractors' State License Law.).

( ) I am exempt from licensure under the Contractors' State License Law for the following reasons: _____

By my signature below I acknowledge that, except for my person residence in which i must have resided for at least one year to completion of the improvements covered by this permits, I cannot legally sell a structure that I have built as an owner-builder if it has not been constructed in its entirety by licensed contractors. I understand that a copy of the applicable law, Section 7044 of the Business and Professions Code, is available upon request when this application is submitted or at the following Web site: http://www.leginfo.ca.gov/calaw/html.

SIGNATURE X _____ DATE 10/13/16

DECLARATION REGARDING CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 8172, Civil Code).

Lenders Name _____ Lenders Address _____

SIGNATURE X _____ DATE _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and county ordinances and state laws relating to building construction, and hereby authorize representatives of this agency to enter upon the above-mentioned property for inspection purposes. I (we) further agree to save, indemnify, and keep harmless the City of Morgan Hill against liabilities, judgements, costs, and expenses which may in any way accrue against said City in consequence of the granting of this permit and will pay all expenses including attorney's fees in connection therewith. All work performed by virtue of this permit must conform to plans and specifications and application filed by the owner of his authorized agent with the Building Inspection Division. This permit does not constitute approval of any violation of the above recited provisions, nor of any state or city ordinance.

SIGNATURE X _____ DATE 10/13/16

CITY OF MORGAN HILL

Permit Expiration

Permit Number: BRES2016-0028

Permit Status: EXPIRED

Issued: 10/13/2016

Expired: 4/11/2017

Site Address: 16685 CHURCH ST

Description: RESIDENTIAL ADDITION & REMODEL (NEW 170 SF OFFICE, ADD 20 SF TO DINING ROOM, REMODEL KITCHEN, RELOCATE LAUNDRY ROOM AND BATHROOM, REWIRE ELECTRICAL SYSTEM, REPLACE DAMAGED WINDOWS AND DOORS, RETROFIT FOUNDATION AND FLOOR SYSTEM, INSTALL NEW FURNACE AND WATER)

DRAFT

THIS PERMIT HAS NO INSPECTION HISTORY AND HAS EXPIRED BY LIMITATION.

BUILDING ADDRESS
94 SAN PEDRO AVE

PARCEL/TRACT # LOT#

ISSUED DATE: 04/18/05 | ISSUED BY: BBB | PERMIT NUMBER **BLD2005-00362**

APN# 817-02-001 | RECEIVED DATE: 04/18/05

BUILDING: Y ELECTRICAL: N MECHANICAL: N PLUMBING: N REROOF: Y

EXISTING USE: CONSTUCTION TYPE:

PROPOSED USE: VALUATION: $5,220.00

GROUP: , , UBC: 2001 NEC: 2001

Property Owner
MARRAD GROUP INC
PO BOX 1767
MORGAN HILL, CA 95038 Phone: [redacted]

Architect
Phone:
License No.: Exp Date:

Contractor
MARRAD GROUP INC
PO BOX 1767
MORGAN HILL, CA 95037 Phone: (408) 778-1717
M.H. Bus. Lic. No.: 1244 Exp Date: 6/30/05

Engineer
Phone:
License No.: Exp Date:

License Class: STATE State License Number: 621778 B, HIC Expiration Date: 06/30/05

I Hereby affirm that I am licensed under the provisions of Chapter 9 commencing with Section 7000 of Division 3 of the Business and Professions Code, and my license is in full fource and effect.

SIGNATURE X John Marrad DATE 4/15/05

HAZARDOUS MATERIALS: Indicate if the indended occupancy will use chemicals, initaling Yes acknowledges that H & S code sections 25505, 25533 & 25534 as well as filing directions were made available to you.
YES _____ NO _____

WORKERS' COMPENSATION DECLARATION: I hereby affirm that I have a certificate of consent to self-insure, or a certificate of workers' compensation insurance or a certified copy therof, SEC. 3800, LAB. C.

Policy Number: 1427481 Expiration Date: 05/01/05

SIGNATURE X John Marrad DATE 4/15/05

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION (This section need not be completed if the permit is for one hundred dollars ($100) or less). I certify that if in the performance of the work for which this permit is issued, I shall not emply any person in any manner as to become subject to the workers' compensation laws of California.

SIGNATURE X DATE

Notice to applicant: If after making this certificate of exemption you should become subject to the workers' compensation provisions of the labor code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

OWNER BUILDER DECLARATION: I hereby affirm that I am exempt from the contractor's license law for the following reason (Sec. 7031.5, Business and Professions Code; any City or County which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the contractor's license law (Chapter 9 (Commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than ($500).)

☐ I, as owner of the property, or my employer with wages as their sole compensation, will do the work and the structure is not intended or offered for (Sec. 7044, Business and Professions Code; the contractor's license law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code; the contractor's license law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the contractor's license law).

☐ I am Exempt under Sec. , B. & P.C. for this reason.

SIGNATURE X DATE

Building | Electrical | Mechanical / Plumbing

Proposed Work
RE-ROOF: REMOVE COMP, INSTALL 25YR COMP, 30LB FELT, 5/8" OSB, 18 SQUARES

Plan Check Fees
Paid Plan Check Fees:

Permit Fees

Gen Plan Admendment Fee 5%	$6.26
Micro Film Fee-$2.00 per/Pg	$4.00
Permit Fee	$125.25
Seismic fee	$0.52
Paid Permit Fees:	$136.03

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and county ordinances and state laws relating to building construction, and hereby authorize representatives of this agency to enter upon the above-mentioned property for inspection purposes. I (we) further agree to save, indemnify, and keep harmless the City of Morgan Hill against liabilities, judgements, costs, and expenses which may in any way accrue against said City in consequence of the granting of this permit and will pay all expenses including attorney's fees in connection therewith. All work performed by virtue of this permit must conform to plans and specifications and application filed by the owner or his authorized agent with the Building Inspection Division. This permit does not constitute approval of any violation of the above recited provisions, nor of any state or city ordinance. SIGNTAURE X John Marrad DATE 4/15/05

CITY OF MORGAN HILL
BUILDING INSPECTION DIVISION
17555 Peak Avenue
Morgan Hill, CA 95037
Office (408) 779-7241

STREET COPY

BUILDING PERMIT

DRAFT

CITY OF MORGAN HILL

Case Activity Listing
Case #: BLD2005-00362
94 SAN PEDRO AVE

9/8/2005
2:09:48PM

Activity	Description	Date 1	Date 2	Date 3	Hold	Disp	Assigned To	Done By	Updated By	Notes
BLDA0010	Application Received			4/18/2005	None			BBB	4/18/2005 BBB	
BLDB0500	(F) Issue Building Permit			4/18/2005	None	DONE		BBB	4/18/2005 BBB	
BLDB0510	(F) Reprint Permit			4/18/2005	None	DONE		BBB	4/18/2005 BBB	
BLDF0754	Roof Sheathing	9/2/2005	9/7/2005	9/7/2005	None	FNL		KXD	9/7/2005 KXD	AM Insp 1

DRAFT

CITY OF MORGAN HILL
BUILDING INSPECTION DIVISION

17555 Peak Avenue
Morgan Hill, CA 95037
Office (408) 779-7241

BUILDING PERMIT

BUILDING ADDRESS
94 SAN PEDRO AVE

PARCEL/TRACT # LOT#

ISSUED DATE: 12/05/05 | ISSUED BY: HC

APN# 817-02-001 | RECEIVED DATE: 12/05/05

PERMIT NUMBER
BLD2005-01353

BUILDING: N ELECTRICAL: N MECHANICAL: N PLUMBING: Y REROOF: N

EXISTING USE: Commercial
PROPOSED USE: Commercial
GROUP: . .

CONSTUCTION TYPE: .
VALUATION: $500.00
UBC: 2001 NEC: 2002

Property Owner
MARRAD GROUP INC
PO BOX 1767
MORGAN HILL, CA 95038
Phone: [redacted]

Architect
Phone:
License No.: Exp Date:

Contractor
Phone:
M.H. Bus. Lic. No.: Exp Date:

Engineer
Phone:
License No.: Exp Date:

Building	Electrical	Mechanical / Plumbing

License Class: State License Number: Expiration Date:

I Hereby affirm that I am licensed under the provisions of Chapter 9 commencing with Section 7000 of Division 3 of the Business and Professions Code, and my license is in full fource and effect.

SIGNATURE X DATE

HAZARDOUS MATERIALS: YES _____ NO _____ Indicate if the indended occupancy will use chemicals, initialing Yes acknowledges that H & S code sections 25505, 25533 & 25534 as well as filing directions were made available to you.

WORKERS' COMPENSATION DECLARATION: I hereby affirm that I have a certificate of consent to self-insure, or a certificate of workers' compensation insurance or a certified copy therof, SEC. 3800, LAB: C.

Policy Number: Expiration Date:

SIGNATURE X DATE

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION: (This section need not be completed if the permit is for one hundred dollars ($100) or less). I certify that if in the performance of the work for which this permit is issued. I shall not emply any person in any manner as to become subject to the workers' compensation laws of California.

SIGNATURE X DATE

Notice to applicant: If after making this certificate of exemption you should become subject to the workers' compensation provisions of the labor code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

OWNER BUILDER DECLARATION: I hereby affirm that I am exempt from the contractor's license law for the following reason (Sec. 7031.5. Business and Professions Code: any City or County which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the contractor's license law (Chapter 9 (Commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than ($500).):

☐ I, as owner of the property, or my employer with wages as their sole compensation, will do the work and the structure (Sec. 7044, Business and Professions Code: the contractor's license law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

☑ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: the contractor's license law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the contractor's license law).

☐ I am Exempt under Sec. _____, B. & P.C. for this reason:

SIGNATURE X John A Marrad DATE 12/5/05

Proposed Work
INSTALL NEW GAS METER

Plan Check Fees
Paid Plan Check Fees:

Permit Fees

Gen Plan Admendment Fee 5%	$2.35
Micro Film Fee-$2.00 per/Pg	$4.00
Plumbing Permit Fee	$47.00
Paid Permit Fees:	$53.35

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and county ordinances and state laws relating to building construction, and hereby authorize representatives of this agency to enter upon the above-mentioned property for inspection purposes. I (we) further agree to save, indemnify, and keep harmless the City of Morgan Hill against liabilities, judgements, costs, and expenses which may in any way accrue against said City in consequence of the granting of this permit and will pay all expenses including attorney's fees in connection therewith. All work performed by virtue of this permit must conform to plans and specifications and application filed by the owner or his authorized agent with the Building Inspection Division. This permit does not constitute approval of any violation of the above recited provisions, nor of any state or city ordinance. SIGNATURE X John A Marrad DATE 12/5/05

DRAFT

CITY OF MORGAN HILL

Case Activity Listing
Case #: BLD2005-01353
94 SAN PEDRO AVE

12/13/2005
8:10:25AM

Activity	Description	Date 1	Date 2	Date 3	Hold	Disp	Assigned To	Done By	Updated By	Notes
BLDA0010	Application Received			12/5/2005	None			HC	12/5/2005 HC	
BLDB0500	(F) Issue Building Permit			12/5/2005	None	DONE		MD	12/5/2005 MD	
BLDF0810	Gas Meter Authorization	12/5/2005	12/7/2005	12/6/2005	None	CNCL		ALS	12/6/2005 ALS	AM Insp ? cxld per John M.
BLDF0810	Gas Meter Authorization	12/7/2005	12/12/2005	12/9/2005	None	CNCL		HC	12/9/2005 HC	AM Insp 2 - DUPLICATE
BLDF0773	Plumbing Final	12/12/2005		12/12/2005	None	DONE		TLA	12/12/2005 TLA	
BLDF1000	CASE FINAL			12/12/2005	None			TLA	12/12/2005 TLA	
BLDF0810	Gas Meter Authorization	12/7/2005	12/12/2005	12/12/2005	None	DONE		TLA	12/12/2005 TLA	AM Insp 2

DRAFT

CERTIFICATE OF OCCUPANCY

City of Morgan Hill

This certificate is issued pursuant to the requirements of the current edition of the California Building Code and the City of Morgan Hill Municipal Code. This structure was found to be in compliance with the ordinances of the City regulating building construction.

BUILDING PERMIT NO. BCOM2019-0018

BUILDING ADDRESS 94 SAN PEDRO AVE

BUSINESS OWNER CYNTHIA SILVA

ADDRESS 17800 MCLAUGHLIN CT, MORGAN HILL, CA 95037

OCCUPANCY USE BUSINESS / DAY SPA

OCCUPANCY GROUP B OCCUPANCY LOAD UNDER 50

TYPE OF CONSTRUCTION VB FIRE SPRINKLERS NO

CODE EDITION 2016

BUILDING OFFICIAL

5/1/19
DATE

POST IN A CONSPICUOUS PLACE

DRAFT

CITY OF MORGAN HILL	Building & Fire Prevention Division 17575 Peak Ave Morgan Hill, CA 95037 (408)778-6480	Permit Number: **BCOM2019-0018** Date Issued: 4/5/2019

Building Address: **94 SAN PEDRO AVE** Project Name: AGAPE DAY SPA

APN: 81702001 Parcel Map No.: Tract No.: Lot No.:

Type: BUILDING COMMERCIAL Classification: ALTERATION

Description: TENANT IMPROVEMENT TO ADD NON-STRUCTURAL WALL

Type of Construction: Occupancy Group: Residential ☐ Commercial ☒ Industrial ☐

No. of Stories: No. of Bedrooms: No. of Bathrooms: No. of Units: Floor Area: Garage: Porch:

Valuation: $10,500.00 Trades Included: Building: YES Electrical: NO Mechanical: NO Plumbing: NO Fire: NO

Property Owner: THAI MINH Q AND FULLER CLIVE
Address: [redacted] SAN JOSE, CA 95112
Phone No.: [redacted]

Contractor: JAMES DANIEL MUTIMER CONSTRUCTION
Address: 17310 HENDRY DR MORGAN HILL, CA 95037
Phone No.: (408)768-8192 License No.: 728807

Architect:
Address: ,
Phone No.: License No.:

Engineer: AKH STRUCTURAL ENGINEERING, INC
Address: 1505 MERIDIAN AVE # B SAN JOSE, CA 95125
Phone No.: (408)978-1970 License No.: S3260

Plan Check Fees	
Total:	$515.20
Permit Fees	
BUILDING PERMIT	$457.00
CBSC FEE	$1.00
LRP - PERMIT	$68.55
MICROFILM	$9.00
SEISMIC	$2.94
Total:	$538.49

DRAFT

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. Lic. No.: 728807 Class: B Expiration: 5/31/2020

SIGNATURE _____ DATE 04/05/2019

WORKER'S COMPENSATION DECLARATION

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL, PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

I hereby affirm under penalty of perjury one of the following declarations:

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( ) I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are: Policy No.: Expiration:

Carrier: _____ Name of Agent: _____ Phone No.: _____

(✓) I certify that, in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

SIGNATURE _____ DATE 04/05/2019

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractors' License Law for the following reason(s) indicated below by the checkmark(s) I have placed next to the applicable item(s) (Sec. 7031.5, Business and Professions Code: Any city or county that requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for the permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors' License Law (Chapter 9 (commencing with Section 700) of Division 3 of the Business and Professions Code) or that he or she is exempt from licensure and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):

( ) I, as owner of the property, or my employees with wages as their sole compensation, will do ( ) all of or ( ) portions of the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The contractors' State License Law does not apply to an owner of property who, through employees' or personal effort, builds or improves the property, provided that the improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the Owner-Builder will have the burden of proving that it was not built or improved for the purpose of sale.).

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( ) I am exempt from licensure under the Contractors' State License Law for the following reasons: _____

By my signature below I acknowledge that, except for my person residence in which i must have resided for at least one year to completion of the improvements covered by this permits, I cannot legally sell a structure that I have built as an owner-builder if it has not been constructed in its entirety by licensed contractors. I understand that a copy of the applicable law, Section 7044 of the Business and Professions Code, is available upon request when this application is submitted or at the following Web site: http://www.leginfo.ca.gov/calaw/html.

( ) DECLARATION REGARDING CONSTRUCTION LENDING AGENCY: I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 8172, Civil Code). Lenders Name _____ Lenders Address _____

SIGNATURE _____ DATE _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and county ordinances and state laws relating to building construction, and hereby authorize representatives of this agency to enter upon the above-mentioned property for inspection purposes. I (we) further agree to save, indemnify, and keep harmless the City of Morgan Hill against liabilities, judgements, costs, and expenses which may in any way accrue against said City in consequence of the granting of this permit and will pay all expenses including attorney's fees in connection therewith. All work performed by virtue of this permit must conform to plans and specifications and application filed by the owner of his authorized agent with the Building Inspection Division. This permit does not constitute approval of any violation of the above recited provisions, nor of any state or city ordinance.

SIGNATURE _____ DATE 04/05/2019

Permit Inspection History

City of Morgan Hill

PERMIT NO: BCOM2019-0018 **STATUS:** FINALED

SITE ADDRESS: 94 SAN PEDRO AVE **PROJECT NAME:** AGAPE DAY SPA

DESC: TENANT IMPROVEMENT TO ADD NON-STRUCTURAL WALL

INSPECTION TYPE	COMPLETED	RESULT	NOTES	DONE BY
BUILDING FINAL**	04/30/19	APPROVED		DC

DRAFT

COMMUNITY DEVELOPMENT DEPARTMENT
BUILDING DIVISION

FOR APPLICANT TO FILL IN
WITH BALL POINT PEN ONLY

City of Morgan Hill

PERMIT NUMBER

APPLICATION & PERMIT

94 SAN PEDRO AV.

FLORIST
SUE CARRILLO
94 SAN PEDRO AV
MORGAN HILL 95037 776-7482
CHAPARRAL SIGNS 779-4242
14830 SEYMOUR AV.
SAN MARTIN

BUILDING PERMIT INFORMATION | Const. Type | Group

APPROVALS

ELECTRIC PERMIT

MECHANICAL PERMIT

PLUMBING PERMIT

Stationary source air pollution requirements per AB 928 ☐ YES ☐ NO

Asbestos notification to BAAQMD ☐ YES ☐ NO ☐ EXEMPT

Job card shall be posted on the job at all times of inspection to make the required entries thereon.

FEE SUMMARY

	17.00
	.50
	17.50

FIRE SPRINK Y N
ENERGY T-24 Y N

17.50
Co 4/20/93

ISSUANCE DATE

BLDG	ELECT	PLUM	MECH
X			

PERMIT EXPIRATION
IF WORK HAS NOT BEGUN OR WORK STARTED IS NOT CONTINUOUS, PERMIT IS CANCELLED OR 180 DAYS FROM LAST ACCEPTED INSPECTION

APPROVALS FOR ISSUANCE | APPROVALS FOR FINAL

PUBLIC WORKS | PLANNING | LANDSCAPING | FIRE

Distribution: White-Inspection Record Green-Permittee Canary-Finance Department Pink-Property Record Goldenrod-Permittee

6-1-93

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

DRAFT

Job Type: NSIGN
Permit #: 93 0275
Issued: 04/20/93
Owner: SUE CARRILLO
Contractor: CHAPARRAL SIGNS
Description:
2 BLDG ATTACHED SIGNS "BALLOONS TO BOUQUETS"

Address: 94 SAN PEDRO AVE.
Permit Type: B

	DATE
Engineered Foundation Letter	
Special Inspector Logs	
Survey Letter	
Insulation Certificate	
Title 24 Compliance	
Special Inspector Compliance	
List of Subs	

FINAL INSPECTION SIGN-OFFS

Fire	
Planning	
Pre-Treatment	
Public Works	

COMMENTS

	DATE
Temporary Power Pole	
Called PG&E	
Temporary Elect. Service	
Called PG&E	
Temporary Gas Service	
Called PG&E	

JOB FINALED: _____ Date _____ Signature

DRAFT

INSPECTION	DATE	INSP.	INSPECTION	DATE	I
Engineered Found.			UNDERFLOOR		
Setback-Ufer			Gas		
Footings-Steel			Plumbing		
Forms			Heating		
Block Foundation			Electrical		
Fireplace-Footing			Underpinning		

POUR NO CONCRETE UNTIL ABOVE HAS BEEN SIGNED

PLACE NO INSULATION UNTIL ABOVE HAS BEEN SIGNED

Concrete Slab Floor			Insulation		
Plumb(groundwork)					
Elect.(groundwork)					
Fill & Re-inforcing					

PLACE NO SUBFLOOR UNTIL ABOVE HAS BEEN SIGNED

POUR NO CONCRETE UNTIL ABOVE HAS BEEN SIGNED

MASONRY WALL

Date	Sign	Date	Sign	Date	Sign
4		12		20	
8		16		24	

ROOFING		
Shear Nail		
Roof Sheathing		
Sheet Metal		

APPLY NO ROOFING UNTIL ABOVE HAS BEEN SIGNED

POUR NO CONCRETE UNTIL ABOVE HAS BEEN SIGNED

Rough Gas		
Plumbing Top Out		
Rough Heating		
Rough Electrical		
Framing		

CARPORT

Footing (concrete)		
Slab		
Frame		

APPLY NO INSULATION UNTIL ABOVE HAS BEEN SIGNED

GARAGE/DRIVEWAY

Garage Slab(concrte)		
Driveway		

Wall Insulation		
Ceiling Insulation		

POUR NO CONCRETE OR PLACE ANY ASPHALT CONCRETE UNTIL ABOVE HAS BEEN SIGNED

APPLY NO SHEETROCK UNTIL ABOVE HAS BEEN SIGNED

Sewer		
Water		

Sheetrock Nail		
Exterior Lath		

PLACE NO FILL UNTIL ABOVE HAS BEEN SIGNED

NO TAPE OR PLASTER UNTIL ABOVE HAS BEEN SIGNED

********INSPECTION NOTES**********

Gas Test		

DRAFT

ELECTRIC PERMIT

MECHANICAL PERMIT

PLUMBING PERMIT

3.00

10.00

13.00

FEE SUMMARY

50.00

.50

13.00

64.00

APPROVALS FOR ISSUANCE

APPROVALS FOR FINAL

FIRE SPRINK Y N

ENERGY T24 Y N

64.00

CMF 4-14-86

DRAFT

Permit No. 86-230 B. M.

Owner Mildred Dzeigan

Contractor Bocci Construction

Location 94 San Pedro Street

Repair fire damage

Permit Finaled

Temp. Power Pole _____

Called PG&E _____

Temp. Elec. Service _____

Called PG&E _____

Temp. Gas Service _____

Called PG&E _____

Job Finaled _____
(Date)

_____
(Signature)

DRAFT

INSPECTION	DATE	INSPECTOR
ENGINEERED FOUNDATION		
SETBACK-USER		
FOOTINGS-STEEL		
FORMS		
BLOCK FOUNDATION		
FIREPLACE-FOOTING		
POUR NO CONCRETE UNTIL ABOVE HAS BEEN SIGNED		
CONCRETE SLAB FLOOR		
PLUMBING (GROUNDWORK		
ELECTRICAL (GROUNDWORK)		
FILL & RE-INFORCING		
POUR NO CONCRETE UNTIL ABOVE HAS BEEN SIGNED		
MASONRY WALL		

	DATE	SIGN		DATE	SIGN		DATE	SIGN
4			12			20		
8			16			24		

POUR NO CONCRETE UNTIL EACH LIFT HAS BEEN SIGNED		
CARPORT		
FOOTING (CONCRETE)		
SLAB		
FRAME		
GARAGE & DRIVEWAY		
GARAGE SLAB (CONCRETE)		
DRIVEWAY		
POUR NO CONCRETE OR PLACE ANY ASPHALT CONCRETE UNTIL ABOVE HAS BEEN SIGNED		
SEWER		
WATER		
PLACE NO FILL UNTIL ABOVE HAS BEEN SIGNED		

INSPECTION	DATE	INSPECTOR
UNDERGROUND		
GAS		
PLUMBING		
HEATING		
ELECTRICAL		
UNDERPINNING		
PLACE NO INSULATION UNTIL ABOVE HAS BEEN SIGNED		
INSULATION		
PLACE NO SUBFLOOR UNTIL ABOVE HAS BEEN SIGNED		
ROOF		
ROOF SHEATHING	4-14-86	Dm
ROOF METAL		
APPLY NO ROOFING UNTIL ABOVE HAS BEEN SIGNED		
ROUGH GAS		
PLUMBING TUB OUT		
ROUGH HEATING		
ROUGH ELECTRICAL		
FRAMING		
APPLY NO INSULATION UNTIL ABOVE HAS BEEN SIGNED		
WALL INSULATION		
CEILING INSULATION		
APPLY NO SHEETROCK UNTIL ABOVE HAS BEEN SIGNED		
LATH		
SHEETROCK NAILING		
PLASTER LATH		
NO TAPE OR PLASTER UNTIL ABOVE HAS BEEN SIGNED		
GAS TEST		

INSPECTION NOTES

FINAL INSPECTION SIGN OFF	DATE	COMPLETED
Fire		
Public Works		
Planning		
Health		

Engineered Foundation Letter	
Special Inspector Logs	
Survey Letter	
Insulation Certificate	
Title 24 Compliance	
Special Inspector Compliance	
List of Subs	

DRAFT

CITY OF MORGAN HILL

APPLICATION FOR BUILDING PERMIT

N

DEPARTMENT OF BUILDING INSPECTION

FOR APPLICANT TO FILL IN

SAN [illegible]

[illegible]

[illegible]

[illegible]

DESCRIPTION OF WORK

[illegible] FLOOR SHOP

EG Hilton

$ 16,660.00

$ 114.00

EG Hilton

DATE

BY

PERMIT NO.

FEE 50.00

114.00

INSPECTION RECORD

APPROVALS

DATE

VALIDATION

LENDER

BRANCH

CITY

DISTRIBUTION 1 - INSPECTION RECORD 2 - INTERIM RECORD 3 - FINANCE DEPARTMENT 4 - PERMITEE 5 - ASSESSOR

DRAFT

CITY OF MORGAN HILL

No.

APPLICATION FOR PLUMBING PERMIT

DEPARTMENT OF PUBLIC WORKS BUILDING INSPECTION DIVISION

FOR APPLICANT TO FILL IN

NO.	ITEM	$	ITEM	$
	WATER CLOSET		[illegible]	
	BATH		[illegible]	
	SHOWER		[illegible]	
	LAVATORY		[illegible]	
	SINK		[illegible]	
	DISHWASHER		DRAINING BOARD	

NO.	MISCELLANEOUS ITEMS	$
	HOUSE SEWER	$
	WATER HEATER	
	WATER SYSTEM	
	WATER SOFTENER	
	LAWN SPRINKLER	
	[illegible]	
	GAS SYSTEM	2.00
	ADDITIONAL OUTLETS	
	PERMIT	
	TOTAL FEE	$

I hereby acknowledge that I have read this application and state that the above information is correct and I agree to comply with all city ordinances and state laws relating to building construction, and hereby authorize representatives of this jurisdiction to enter upon the above mentioned property for inspection purposes. I further agree to indemnify and hold harmless the City of Morgan Hill, its officers and employees against any and all liabilities, claims, and demands which may arise from the performance of work under this permit and I hereby authorize representatives of this jurisdiction to enter upon the above mentioned property for inspection purposes.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY CITY OF MORGAN HILL AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE

(SIGNATURE OF CONTRACTOR MUST BE THAT OF LICENSEE)

INSPECTOR'S REPORT

APPROVALS	DATE	INSPECTOR'S SIG.
UNDER FLOOR WORK		
ROUGH PLUMBING		
GAS PIPING		
GAS VENT		
HOT WATER HEATER		
HOUSE SEWER		
PLUMBING FIXTURES		
GAS TEST		
UTILITY CO. NOTIFIED		
FINAL		

DISTRIBUTION 1 INSPECTOR 2 PERMITTEE 3 [illegible]

VALIDATION

VALIDATION DATE

DRAFT

CITY OF MORGAN HILL

APPLICATION FOR ELECTRIC PERMIT

No.

DEPARTMENT OF BUILDING INSPECTION

INSPECTION RECORD

APPROVALS

	DATE	INSPECTOR'S SIG

DISTRIBUTION: 1 - INSPECTION RECORD 2 - PERMITTEE 3 - FINAL INSPECTION

VALIDATION

DRAFT

Megan Nolet

From: Public Records <PublicRecords@baaqmd.gov>
Sent: Monday, July 29, 2019 4:20 PM
To: Megan Nolet
Subject: Public Records Request No. 2019-07-0295

Dear Megan Nolet,

Thank you for your request. We have searched our records and have no records that respond to your below request for:

16685 Church Street
Morgan Hill

If you have any questions or concerns, please call or e-mail me.

Sincerely,

Rochelle Reed
Public Records Section
BAAQMD
415-516-1916

DRAFT

Megan Nolet

From: CEPA Public Records <cepascc-ca@public-records-requests.com>
Sent: Monday, August 12, 2019 2:35 PM
To: Megan Nolet
Subject: Your CEPA public records request #19-160 has been closed.

-- Attach a non-image file and/or reply ABOVE THIS LINE with a message, and it will be sent to staff on this request. --

CEPA Public Records

Hi there

Record request #19-160 has been closed. The closure reason supplied was:

Good afternoon, Megan.

Thank you for your recent record request received on 08.08.19 for the following address in MORGAN HILL:

94 San Pedro Avenue

We have no records for this location. However, additional electronic documents may be found on the following websites:

- Local Oversight Program (LOP)
- GEOTracker (GT)
- Spill Reports Website – California Office of Emergency Services (Cal OES):

Please be advised that in some cities, other participating agencies may be responsible for maintaining the type of files you requested. This link may be of assistance in determining who will have the documents you are looking for in the future:

- UNIDOCS – Who regulates what in Santa Clara County

DRAFT

View Request 19-160

http://cepascc-ca.nextrequest.com/requests/19-160

POWERED BY NEXTREQUEST

The All in One Records Requests Platform

Questions about your request? Reply to this email or sign in to contact staff at CEPA.

Technical support: See our help page

DRAFT

Megan Nolet

From: CEPA Public Records <cepascc-ca@public-records-requests.com>
Sent: Friday, July 19, 2019 1:22 PM
To: Megan Nolet
Subject: Your CEPA (Pilot) public records request #19-24 has been closed.

-- Attach a non-image file and/or reply ABOVE THIS LINE with a message, and it will be sent to staff on this request. --

CEPA (Pilot) Public Records

Hi there

Record request #19-24 has been closed. The closure reason supplied was:

Good afternoon, Megan.

Thank you for your recent record request received on 07.19.19 for the following address in MORGAN HILL:

16685 CHURCH STREET

We have no records for this location. However, additional electronic documents may be found on the following websites:

- Local Oversight Program (LOP)
- GEOTracker (GT)
- Spill Reports Website – California Office of Emergency Services (Cal OES):

Please be advised that in some cities, other participating agencies may be responsible for maintaining the type of files you requested. This link may be of assistance in determining who will have the documents you are looking for in the future:

- UNIDOCS – Who regulates what in Santa Clara County

DRAFT

View Request 19-24

http://cepascc-ca.nextrequest.com/requests/19-24

POWERED BY NEXTREQUEST

The All in One Records Requests Platform

Questions about your request? Reply to this email or sign in to contact staff at CEPA (Pilot).

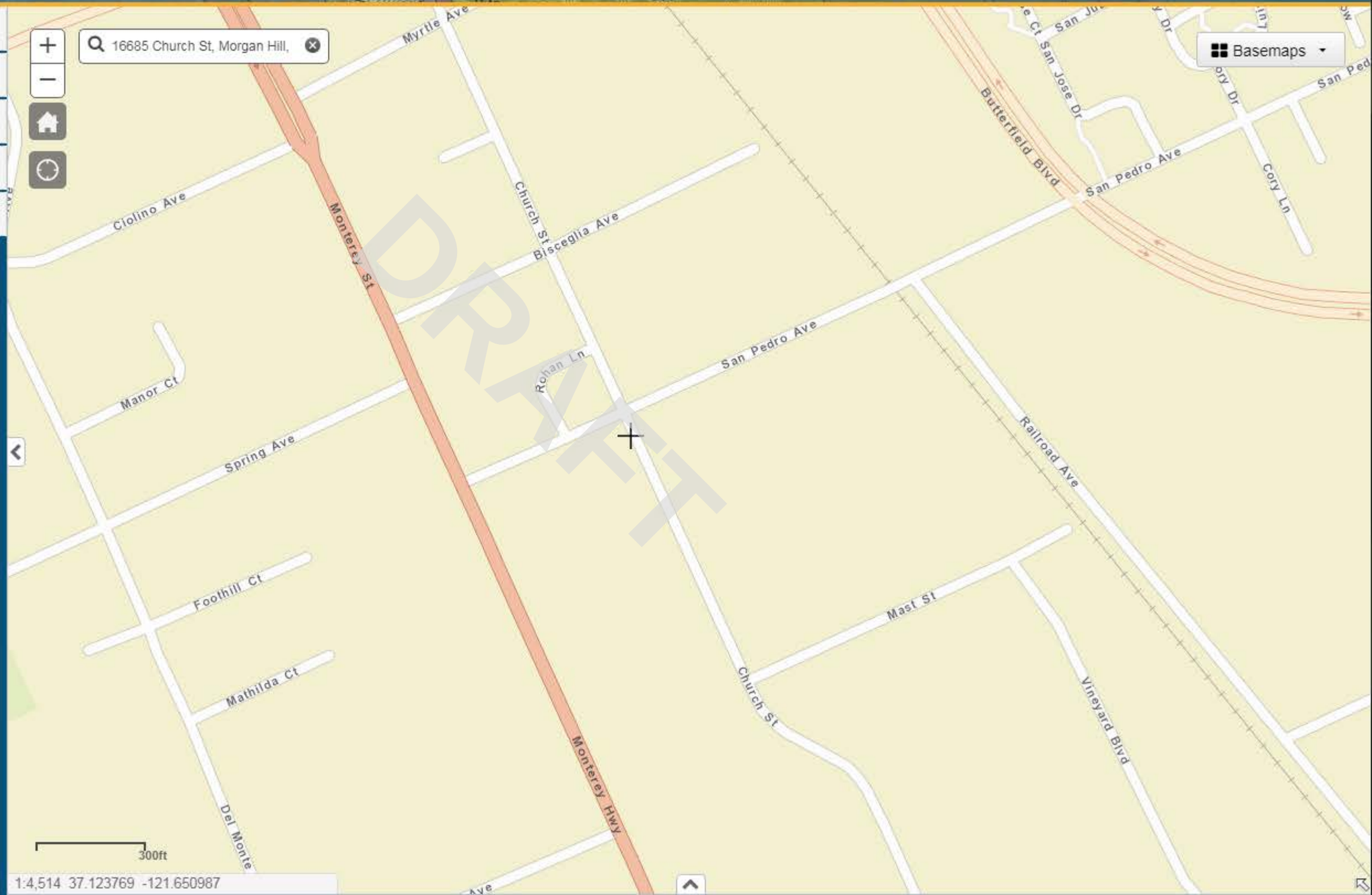
Technical support: See our help page

DRAFT

Well Finder
DOGGR GIS

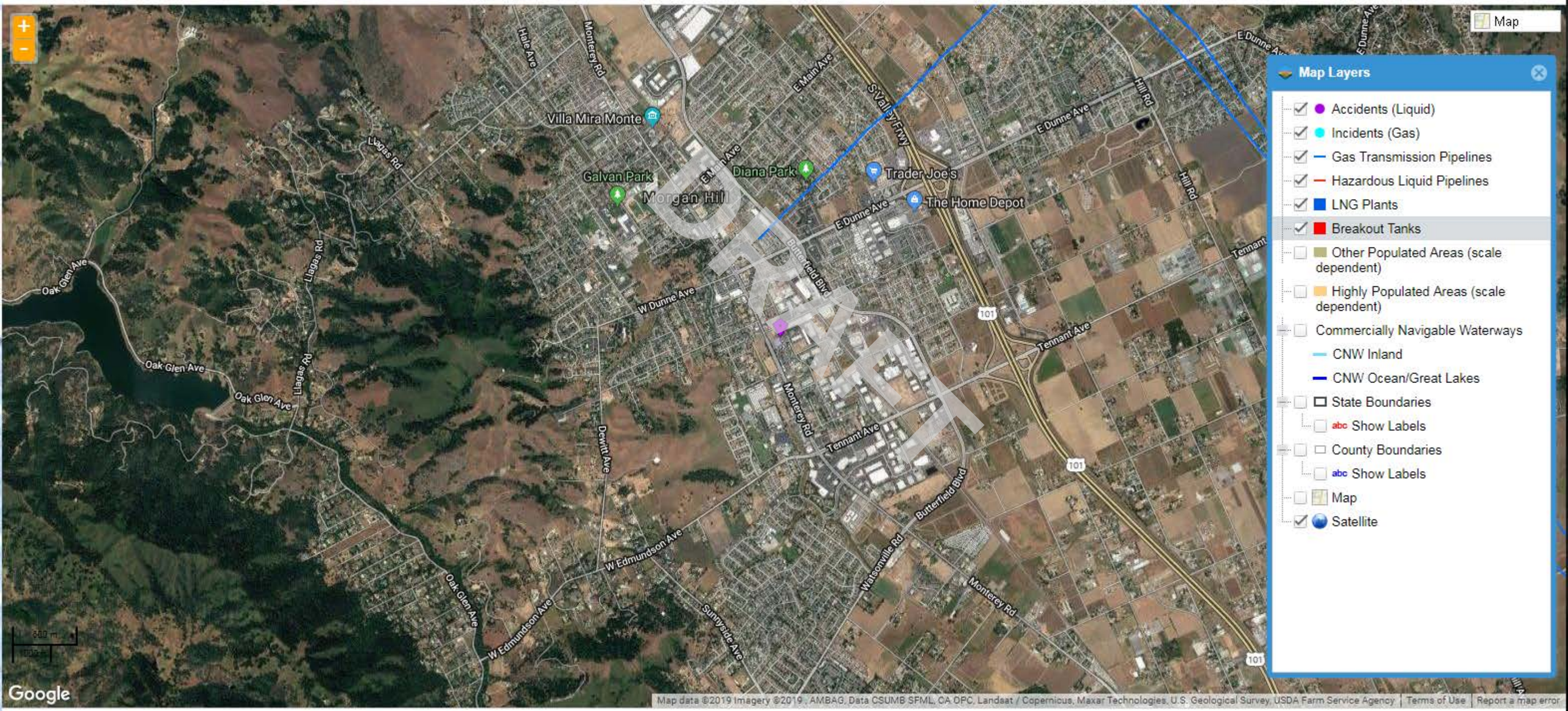
More Info | Help | ©

- Well Status and Well Type Filter
- Search
- Zoom to Field
- Measurement
- Layers



Powered by WellSTAR

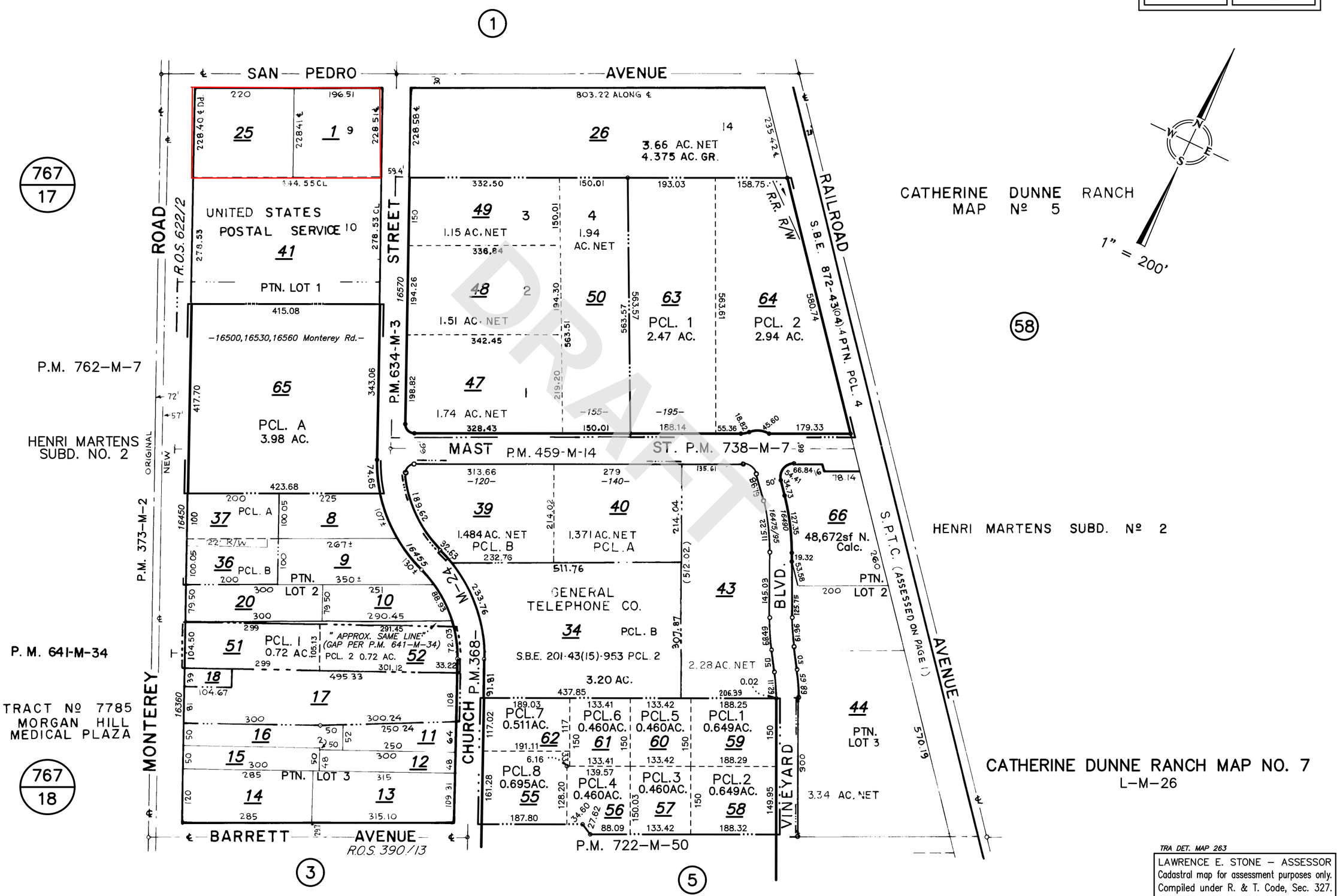
Map Layers | Query Tools | 16685 Church St, Morgan Hill, C | Help



Ready | Zoom Level: 14 of 19 (1:24,000) Closest Zoom for Pipelines | 37.142707, -121.672689 | COUNTY : Santa Clara, CA

©USDOT PHMSA. All rights reserved.

BOOK	PAGE
817	2



TRA DET. MAP 263

LAWRENCE E. STONE – ASSESSOR
Cadastral map for assessment purposes only.
Compiled under R. & T. Code, Sec. 327.
Effective Roll Year 2019–2020

Megan Nolet

From: Alexsis Shields <AShields@valleywater.org>
Sent: Thursday, August 15, 2019 8:05 AM
To: Megan Nolet
Subject: RE: Well location request

Good day,

There are no wells identified on APNs 817-02-001 and 817-02-025. Please note that there is always the possibility of there being other wells on the property, installed prior to District record.

Thank you,

Alexsis

ALEXSIS SHIELDS
STAFF ANALYST
Office of Water Utility
Tel. (408) 630-2312
Santa Clara Valley Water District is now known as:

Valley Water

Clean Water • Healthy Environment • Flood Protection

5750 Almaden Expressway, San Jose CA 95118
www.valleywater.org

DRAFT

From: Megan Nolet [mailto:mnolet@aeiconsultants.com]
Sent: Wednesday, August 14, 2019 11:03 AM
To: Alexsis Shields <AShields@valleywater.org>
Subject: Well location request

Hello,
I would like to determine if any wells at:
APN: 817-02-001 and 817-02-025
Thanks,

Megan Nolet
Project Manager
AEI Consultants
3880 S. Bascom Avenue, Suite 109
San Jose, CA 95124
p. 408.559.7600 Ext. 2009

f. 408.559.7601
www.aeiconsultants.com

DRAFT

Shelley Malone

Subject: FW: Soil Sampling Requirements

From: Rich Buikema <Rich.Buikema@morganhill.ca.gov>
Sent: Wednesday, August 21, 2019 10:51:01 AM
To: Megan Nolet <mnolet@aeiconsultants.com>
Subject: RE: Soil Sampling Requirements

We would need to review the Phase 1. We typically rely on the Environmental Consultant's recommendation as to any possible contamination and the need for a Phase 2.

From: Megan Nolet <mnolet@aeiconsultants.com>
Sent: Tuesday, August 20, 2019 4:14 PM
To: Rich Buikema <Rich.Buikema@morganhill.ca.gov>
Cc: Shelley Malone <smalone@aeiconsultants.com>
Subject: RE: Soil Sampling Requirements

Hi Rich,

We are doing a Phase I ESA for the two properties at APN 817-02-001 and 817-02-025. We think the property has not been used as active agricultural land since approx. 1948 based on historical aerial photographs. One of the parcels has also been developed with a residence and commercial building, with possibly future plans for multifamily/senior housing development. With that information provided, would that change whether the MHPD would require a PHII?

Thanks,

Megan Nolet
Project Manager
AEI Consultants
3880 S. Bascom Avenue, Suite 109
San Jose, CA 95124
p. 408.559.7600 Ext. 2009
f. 408.559.7601
www.aeiconsultants.com

From: Rich Buikema <Rich.Buikema@morganhill.ca.gov>
Sent: Tuesday, August 20, 2019 4:03 PM
To: Megan Nolet <mnolet@aeiconsultants.com>
Subject: RE: Soil Sampling Requirements

Yes, a Phase 1 (and possibly Phase 2) Environmental Site Assessment would be required as part of the Initial Study to determine if any contamination is present.

Rich Buikema
City of Morgan Hill

DRAFT

From: Megan Nolet <mnolet@aeiconsultants.com>
Sent: Monday, August 19, 2019 8:56 AM
To: planning <planning@morganhill.ca.gov>
Subject: Soil Sampling Requirements

Hello,

I would like to know if the Morgan Hill Planning Department has any soil sampling requirements for former agricultural properties that are being redeveloped for residential uses. Please let me know what information you can provide.

Thanks!

Megan Nolet
Project Manager
AEI Consultants
3880 S. Bascom Avenue, Suite 109
San Jose, CA 95124
p. 408.559.7600 Ext. 2009
f. 408.559.7601
www.aeiconsultants.com

WARNING: This message is from an external user. Confidential information such as social security numbers, credit card numbers, bank routing numbers, gift card numbers, wire transfer information and other personally identifiable information should not be transmitted to this user. For question, please contact the Morgan Hill IT Department by opening a new helpdesk request online or call 408-909-0055.

WARNING: This message is from an external user. Confidential information such as social security numbers, credit card numbers, bank routing numbers, gift card numbers, wire transfer information and other personally identifiable information should not be transmitted to this user. For question, please contact the Morgan Hill IT Department by opening a new helpdesk request online or call 408-909-0055.

DRAFT

APPENDIX F

OTHER SUPPORTING DOCUMENTATION

DRAFT

CITY OF MORGAN HILL

18300 OLD MONTEREY ROAD MORGAN HILL CALIFORNIA 95037-3013

November 12, 1993

11/15 ORIG BAA
DJC

Diane Gorham
Redtree Properties
P.O. Box 1041
Santa Cruz, CA 95061

FIRE DEPARTMENT
408/776/7351
FAX 408/778/6376
TDD Only 408/776/7381

Re: 140 San Pedro Ave.

Dear Ms. Gorham,

We have received an opinion from the Central Coast Regional Water Quality Control Board in favor of closing your case pursuant to our request for their review of the subject site. Therefore, please arrange for the onsite groundwater monitoring well to be immediately and correctly destroyed with the appropriate permit through the Santa Clara Valley Water District (SCVWD). Once we receive the signed off paperwork from the SCVWD inspector and unless there is new information or other cause for us to reevaluate the subject site, we will consider this closure complete as required under Morgan Hill Municipal Code Chapter (MHMC) 8.40. Examples of 'other cause' include but are not limited to, onsite non-permitted (by this department) or incorrectly stored regulated materials, the unearthing of previously unknown or undisclosed contamination, tanks piping, drums or other containers, etc.

This closure is not binding on other regulatory agencies (for example, Cal EPA Dept. of Toxic Substances Control or Bay Area Air Quality Management District), it cannot be interpreted that compliance with MHMC 8.40 is automatically equivalent to satisfying other agencies orders, guidelines, rules, policies, concerns or standards.

Very truly yours,

Sharon Kohlmannslehner
Haz Mat Program Manager

Yvonne Pierce
Geomatrix
100 Pine St., 10.h floor
San Francisco, CA 94111

Belinda Allen
SCVWD
5750 Almaden Expy.
San Jose, CA 95118-3686

DRAFT

CITY OF MORGAN HILL

Case closed 11/12/93

18300 OLD MONTEREY ROAD MORGAN HILL CALIFORNIA 95037-3013

3/31 orig. BAA
DJC

March 28, 1994

FIRE DEPARTMENT
408/776/7351
FAX 408/778/6376
TDD Only 408/776/7381

Diane Gorham
Redtree Properties
P.O. Box 1041
Santa Cruz, CA 95061

Re: 140 San Pedro Ave., Morgan Hill

Dear Ms. Gorham,

We have received the March 15, 1994 letter from Geomatrix with the information requested in our November 12, 1993 letter. Therefore, unless there is new information or other cause for us to reevaluate the subject site, we will consider this closure complete as required under Morgan Hill Municipal Code Chapter (MHMC) 8.40. Examples of 'other cause' include but are not limited to, onsite non-permitted (by this department) or incorrectly stored regulated materials, the unearthing or previously unknown or undisclosed contamination, tanks, piping, drums or other containers, etc.

This letter is not binding on other regulatory agencies (for example, Cal EPA Dept. of Toxic Substances Control, Santa Clara Valley Water District, or any Regional Water Quality Control Board), it cannot be interpreted that compliance with MHMC 8.40 is automatically equivalent to satisfying other agency orders, guidelines, rules, policies, concerns or standards.

Very truly yours,

Sharon Kohlmannslehner
Haz Mat Program Manager

cc:Yvonne Pierce
Geomatrix
100 Pine St., 10th floor
San Francisco, CA 94111

SCVWD

INDEX

Redtree Properties

140 San Pedro Ave.

Morgan Hill

FRAME

DRAFT

CITY OF MORGAN HILL

18300 OLD MONTEREY ROAD MORGAN HILL CALIFORNIA 95037-3013

3/31 orig. BAA
DJC

FIRE DEPARTMENT
408/776/7351
FAX 408/778/6376
TDD Only 408/776/7381

March 28, 1994

Diane Gorham
Redtree Properties
P.O. Box 1041
Santa Cruz, CA 95061

Re: 140 San Pedro Ave., Morgan Hill

Dear Ms. Gorham,

We have received the March 15, 1994 letter from Geomatrix with the information requested in our November 12, 1993 letter. Therefore unless there is new information or other cause for us to reevaluate the subject site, we will consider this closure complete as required under Morgan Hill Municipal Code Chapter (MHMC) 8.40. Examples of 'other cause' include but are not limited to, onsite non-permitted (by this department) or incorrectly stored regulated materials, the unearthing or previously unknown or undisclosed contamination, tanks, piping, drums or other containers, etc.

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Very truly yours,

Sharon Kohlmannslehner
Haz Mat Program Manager

cc: Yvonne Pierce
Geomatrix
100 Pine St., 10th floor
San Francisco, CA 94111

SCVWD

3789 34 NOV 31 P3:00

DRAFT

CITY OF MORGAN HILL

18300 OLD MONTEREY ROAD MORGAN HILL CALIFORNIA 95037-3013

November 12, 1993

11/15 ORIG BAA DJC

FIRE DEPARTMENT
408/776/7351
FAX 408/778/6376
TDD Only 408/776/7381

Diane Gorham
Redtree Properties
P.O. Box 1041
Santa Cruz, CA 95061

Re: 140 San Pedro Ave.

Dear Ms. Gorham.

We have received an opinion from the Central Coast Regional Water Quality Control Board in favor of closing your case pursuant to our request for their review of the subject site. Therefore, please arrange for the onsite groundwater monitoring well to be immediately and correctly destroyed with the appropriate permit through the Santa Clara Valley Water District (SCVWD). Once we receive the signed off paperwork from the SCVWD inspector and unless there is new information or other cause for us to reevaluate the subject site, we will consider this closure complete as required under Morgan Hill Municipal Code Chapter (MHMC) 8.40. Examples of 'other cause' include but are not limited to, onsite non-permitted (by this department) or incorrectly stored regulated materials, the unearthing of previously unknown or undisclosed contamination, tanks piping, drums or other containers, etc.

This closure is not binding on other regulatory agencies (for example, Cal EPA Dept. of Toxic Substances Control or Bay Area Air Quality Management District), it cannot be interpreted that compliance with MHMC 8.40 is automatically equivalent to satisfying other agencies orders, guidelines, rules, policies, concerns or standards.

Very truly yours,

Sharon Kohlmannslehner
Haz Mat Program Manager

Yvonne Pierce
Geomatrix
100 Pine St., 10th floor
San Francisco, CA 94111

Belinda Allen
SCVWD
5750 Almaden Expy.
San Jose, CA 95118-3686

DRAFT

DRAFT

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY: [ ] YES [X] NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? [ ] YES [X] NO

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.

SIGNED _____ DATE _____

REPORT DATE: 0 1 / 0 9 / 2

CASE #:

REPORTED BY

NAME OF PERSON FILING REPORT: Mary Sue [illegible]
PHONE: (415) 434-9400
SIGNATURE: [illegible]

REPRESENTING: [X] OWNER/OPERATOR [ ] REGIONAL BOARD [ ] LOCAL AGENCY [ ] OTHER

COMPANY OR AGENCY NAME: Geomatrix Consultants, Inc.

ADDRESS: 100 Pine Street STREET Suite 1000 CITY San Francisco STATE CA ZIP 94111

RESPONSIBLE PARTY

NAME: Redtree Properties, L.P. [ ] UNKNOWN
CONTACT PERSON: Diane Coleman
PHONE: (408) 427-1900

ADDRESS: P.O. box 1041 STREET Santa Cruz CITY CA STATE 95061 ZIP

SITE LOCATION

FACILITY NAME (IF APPLICABLE):
OPERATOR:
PHONE: ( )

ADDRESS: 140 San Pedro Avenue STREET Morgan Hill CITY Santa Clara COUNTY 95037 ZIP

CROSS STREET:

IMPLEMENTING AGENCIES

LOCAL AGENCY — AGENCY NAME: Morgan Hill Fire Department
CONTACT PERSON: Sharon Kohlmann-Lehner
PHONE: (408) 776-7358

REGIONAL BOARD:
PHONE: ( )

SUBSTANCES INVOLVED

	NAME	QUANTITY LOST (GALLONS)
(1)	Diesel	[X] UNKNOWN
(2)		[ ] UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 1 0 / 1 6 / 9 1
HOW DISCOVERED: [ ] INVENTORY CONTROL [ ] SUBSURFACE MONITORING [ ] NUISANCE CONDITIONS [ ] TANK TEST [X] TANK REMOVAL [ ] OTHER

DATE DISCHARGE BEGAN: / / [X] UNKNOWN

HAS DISCHARGE BEEN STOPPED? [X] YES [ ] NO IF YES, DATE / /

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY): [X] REMOVE CONTENTS [X] CLOSE TANK & REMOVE [ ] REPAIR PIPING [ ] REPAIR TANK [ ] CLOSE TANK & FILL IN PLACE [ ] CHANGE PROCEDURE [ ] REPLACE TANK [ ] OTHER

SOURCE/CAUSE

SOURCE OF DISCHARGE: [X] TANK LEAK [ ] UNKNOWN [ ] PIPING LEAK [ ] OTHER

CAUSE(S): [ ] OVERFILL [ ] RUPTURE/FAILURE [ ] SPILL [X] CORROSION [ ] UNKNOWN [ ] OTHER

CASE TYPE

CHECK ONE ONLY: [X] UNDETERMINED [ ] SOIL ONLY [ ] GROUNDWATER [ ] DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONE ONLY:
[ ] NO ACTION TAKEN
[X] PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED
[ ] POLLUTION CHARACTERIZATION
[ ] LEAK BEING CONFIRMED
[ ] PRELIMINARY SITE ASSESSMENT UNDERWAY
[ ] POST CLEANUP MONITORING IN PROGRESS
[ ] REMEDIATION PLAN
[ ] CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY)
[ ] CLEANUP UNDERWAY

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS):
[ ] C.P SITE (CD)
[ ] CONTAINMENT BARRIER (CB)
[ ] VACUUM EXTRACT (VE)
[ ] EXCAVATE & DISPOSE (ED)
[ ] EXCAVATE & TREAT (ET)
[ ] NO ACTION REQUIRED (NA)
[ ] OTHER (OT)
[ ] REMOVE FREE PRODUCT (FP)
[ ] PUMP & TREAT GROUNDWATER (GT)
[ ] TREATMENT AT HOOKUP (HU)
[ ] ENHANCED BIO DEGRADATION (BT)
[ ] REPLACE SUPPLY (RS)
[ ] VENT SOIL (VS)

COMMENTS

HSC 05 (9/91)

DRAFT

CITY OF MORGAN HILL

18600 MONTEREY ROAD MORGAN HILL CALIFORNIA 95037

FIRE DEPARTMENT
408/776/7351
FAX 408/778/6376

March 31, 1992

Mary Sue Philip
Nancy Bice
Geomatrix
100 Pine St., 10th floor
San Francisco, CA 94111

Re: March 13, 1992 workplan for 140 San Pedro Ave., in Morgan Hill

Dear Ms. Philp and Ms. Bice,

Our comments/concerns are as follows,

1) Since our seasonal high groundwater is normally higher than 50 feet and measured depth to groundwater varies as much as 25 feet in non-drought years and the current drought is also temporarily affecting groundwater levels we must require that a well to groundwater be drilled regardless of what current actual groundwater level is (i.e. you do not cease drilling or sampling every five feet/change in lithology at 50 feet.)

2) Workplan was missing sieve analysis and casing elevation surveyed to Mean Sea Level Datum by a qualified land surveyor as per Appendix A of SCVWD Guidelines for Investigation and Technical Report Preparation at fuel leak sites.

3) Is it reasonable to assume that the analysis you have proposed for the well will also quantify the 'heavier than diesel petroleum hydrocarbon' that was found underneath and at the end of the product line? Also there needs to be further soil sampling under at least samples #2 and #3 as shown on the December 13, 1991 report figure 2. What do you propose?

Very truly yours,

Sharon Kohlmannslehner
Haz Mat Program Manager

cc:SCVWD

DRAFT

Santa Clara Valley Water District

5750 ALMADEN EXPRESSWAY
SAN JOSE, CALIFORNIA 95118
TELEPHONE (408) 265-2600
FACSIMILE (408) 266-0271

AN AFFIRMATIVE ACTION EMPLOYER

March 12, 1992

Ms. Sharon Kohlmannslehner
Morgan Hill Fire Department
18980 Monterey Road
Morgan Hill, CA 95037

Dear Ms. Kohlmannslehner:

Subject: Unknown Site, 140 San Pedro Avenue, Morgan Hill, CA

Our records indicate that there has been a subsurface release of petroleum hydrocarbons at the above site. We are currently reviewing our files on this case; however, in order to proceed, we find it necessary to request your assistance on the matter. Please send us a copy of the unauthorized release report and the tank closure reports. If you have additional information which will assist us in evaluating any threat to surface or groundwater, please include it in the package. If you have any questions, please contact Christine Renninger at (408) 927-0710, extension 648.

Sincerely,

David D. Drury
Associate Civil Engineer
Groundwater Protection Division

cc: Mr. Bob Baldridge
Regional Water Quality Control Board
Central Coast Region
1102-A Laurel Lane
San Luis Obispo, CA 93401

DRAFT

recycled paper

March 12, 1992

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Morgan Hill Fire Department
18980 Monterey Road
Morgan Hill, CA 95037

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Subject: Unknown Site, 140 San Pedro Avenue, Morgan Hill, CA

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Sincerely,

ORIGINAL SIGNED BY

David D. Drury
Associate Civil Engineer
Groundwater Protection Division

cc: Mr. Bob Baldridge
Regional Water Quality Control Board
Central Coast Region
1102-A Laurel Lane
San Luis Obispo, CA 93401

D. Drury, C. Renninger, File, Read

CR:mg.L7332d

DRAFT

FALCOLCHIA EDOARDO & GEMMA ET AL PO BOX 1120, MORGAN HILL CA 950	817-19-024 87018	*		SAN PEDRO AV	6/0001 1697	5276301 76

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TOLL FREE (800) 358-8250 - CALIFORNIA (800) 847-4600

MP 1981-82 STREET (SITUS) INDEX COUNTY OF SANTA CLARA PAGE

OWNERS NAME MAILING ADDRESS	PARCEL NO. TRA	STREET NO.	STREET NAME CITY	LAND IMPROVMT	PERS PROP EXEMPTION NO.	RECORDER DATE
CASTLE THOMAS S & JEAN M PO BOX 677, MORGAN HILL CA 95037	817-55-011 4003	*	SAN PEDRO AV MORGAN HIL	35020L		5660778 77
HERNANDEZ EVE 35007 LILAC LOOP, UNION CITY CA 94587	817-59-005 4003	*	SAN PEDRO AV MORGAN HIL	4032L		1955473 61
HERNANDEZ EVE 35007 LILAC LOOP, UNION CITY CA 94587	817-59-007 4003	*	SAN PEDRO AV MORGAN HIL	4986L		1955473 61
DEVINE JAMES J & PHILOMENA E 155 WALNUT DR, MORGAN HILL CA 95037	817-59-004 4003	* 136	SAN PEDRO AV MORGAN HIL	8595L 11036		3962660 71
SANTACRUZ LUMBER CX PO BOX 1041, SANTA CRUZ CA 95061	817-02-026 4000	* 140	SAN PEDRO AV MORGAN HIL	49769L 405380		4863815 74
THOMAS HAROLD E & HELENE D PO BOX 531, MORGAN HILL CA 95037	817-11-044 4003	* 195	SAN PEDRO AV MORGAN HIL	54015L 100602		3153569 66
GREIF BROS COOPERAGE CX THE 621 PENNSYLVANIA AV, DELAWARE OH 43015	817-11-0[illegible] 4003	* 235	SAN PEDRO AV MORGAN HIL	97736L 853759	199509	3368013 68
DITRI DAN & [illegible]IA 915 TROY CT, SUNNYVALE CA 94087	817-58-006 4003	* 310	SAN PEDRO AV MORGAN HIL	29580L 13371 SALE AMT-	135250	6477016 8/22/79
SANPEDRO AVENUE LTD 1999 S BASCOM AV, CAMPBELL CA 95008	817-11-[illegible] 4003	* [illegible]	SAN PEDRO AV MORGAN HIL	204000L		6353398 79
JOHNSON MERWIN D 104 HELEN AV NO 3, SUNNYVALE CA 94086	817-58-007 4003	* 340	SAN PEDRO AV MORGAN HIL	20268L 6260		6712703 79
MORREIRA OLIVIA 380 SAN PEDRO AV, MORGAN HILL CA 95037	817-58-008 4003	380	SAN PEDRO AV MORGAN HIL	9550L 3925	7000	2070489 61
CARTER GLORIA J ET AL 410 E SAN PEDRO AV, MORGAN HILL CA 95037	817-59-001 4003	410 E	SAN PEDRO AV MORGAN HIL	18677L 45207 SALE AMT-	250	6431911 7/13/79
SANPEDRO AVENUE LTD 1999 S BASCOM AV, CAMPBELL CA 95008	817-11-033 4003	* 415	SAN PEDRO AV MORGAN HIL	204000L		6353398 79
KEMP BRIAN E & ELIZABETH E 430 SAN PEDRO AV, MORGAN HILL CA 95037	817-59-002 4003	430	SAN PEDRO AV MORGAN HIL	9019L 18889	7000	4691254 74
LOCARNINI VIRGINIA & VICTOR 470 SAN PEDRO AV, MORGAN HILL CA 95037	817-59-010 4003	470	SAN PEDRO AV MORGAN HIL	13477L 11778	7000	569050 69
NELSON CRAIG A & JUDY A 510 SAN PEDRO AV, MORGAN HILL CA 95037	817-59-012 4003	510	SAN PEDRO AV MORGAN HIL	9019L 7533	7000	5040936 75
MORGAN HILL PROPERTIES LTD 15 E CARRILLO ST, SANTA BARBARA CA 93101	817-11-005 4003	* 575	SAN PEDRO AV MORGAN HIL	254476L 314665	7000	4376602 72
METCALF CLARENCE C & LA G 600 SAN PEDRO AV, MORGAN HILL CA 95037	817-59-015 4003	600	SAN PEDRO AV MORGAN HIL	9019L 12097	7000	1546213 58
HESSLING GEORGE W ET AL 610 SAN PEDRO AV, MORGAN HILL CA 95037	817-59-016 4003	610	SAN PEDRO AV MORGAN HIL	23460L 35700	7000	6403845 79
HIGASHI HENRY T & HISAKO 620 SAN PEDRO AV, MORGAN HILL CA 95037	817-59-017 4003	620	SAN PEDRO AV MORGAN HIL	53060L 23198	7000	3454250 68

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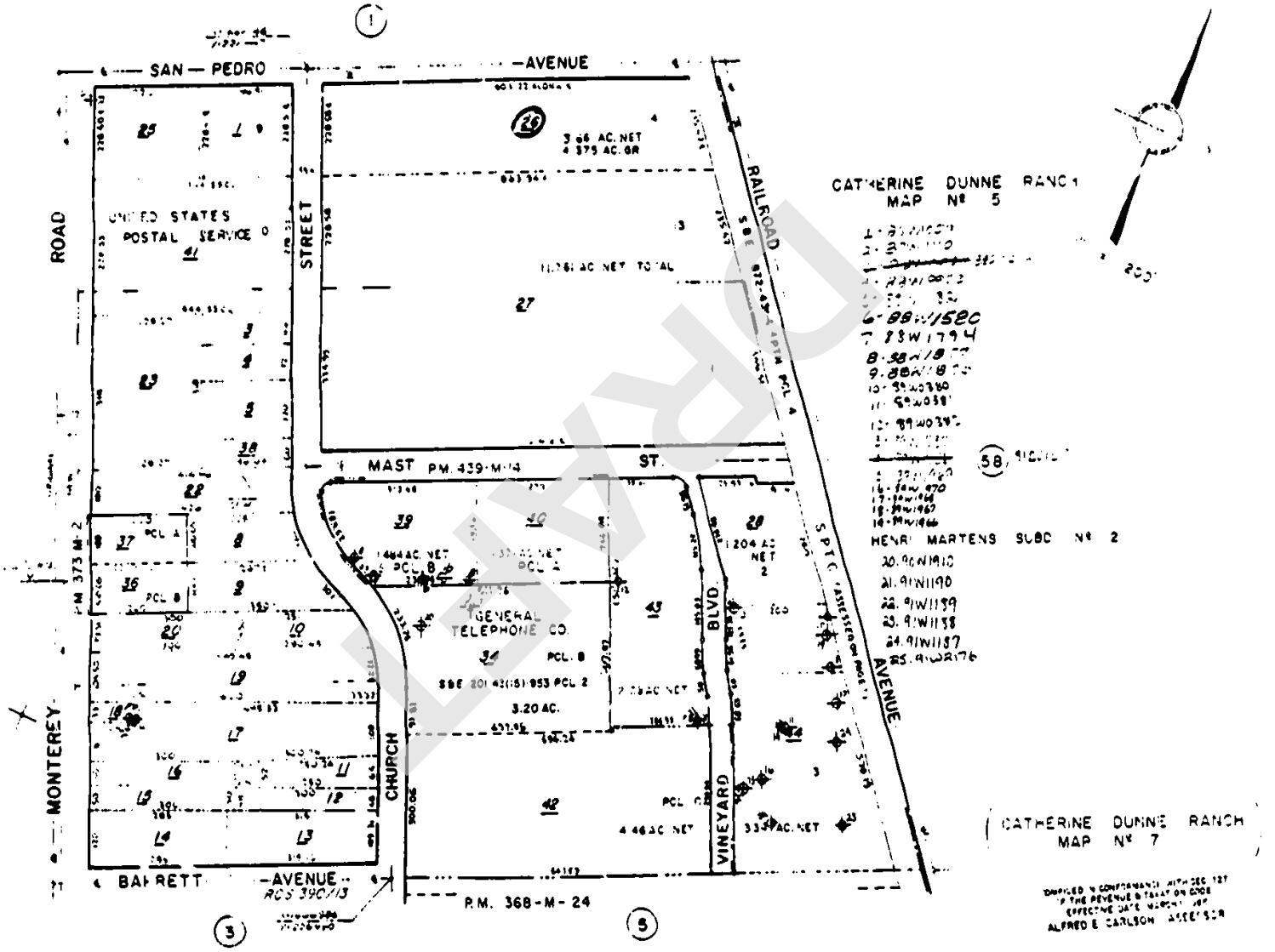
MP 1981-82 STREET (SITUS) INDEX COUNTY OF SANTA CLARA PAGE

OWNERS NAME MAILING ADDRESS	PARCEL NO. TRA	STREET NO.	STREET NAME CITY	LAND IMPROVMT	PERS PROP EXEMPTION NO.	RECORDER DATE
CHAMBERS JAMES D & MILDRED E 629 SAN PEDRO AV, SUNNYVALE CA 94086	205-12-031 9007	629	SAN PEDRO AV SUNNYVALE	11248L 19419	7000	2162037 62
SAMPLE ALVIN R & LENA A 630 SAN PEDRO AV, SUNNYVALE CA 94086	205-12-005 9007	630	SAN PEDRO AV SUNNYVALE	11248L 18889	7000	17.5868 60
HUTH RONALD W & DOLORES M 630 SAN PEDRO AV, MORGAN HILL CA 95037	817-59-018 4003	630	SAN PEDRO AV MORGAN HIL	12415L 36292	7000	5274195 76
DUMIS DOROTHY J 635 SAN PEDRO AV, SUNNYVALE CA 94086	205-12-030 9007	635	SAN PEDRO AV SUNNYVALE	11248L 24206	7000	2194121 62
CONROY MERLE L & VIRGINIA L 636 SAN PEDRO AV, SUNNYVALE CA 94086	205-12-006 9007	636	SAN PEDRO AV SUNNYVALE	11248L 18571	7000	1485287 58
ISHISHI YOSHIYUKI & MICHIKO	817-59-019	640	SAN PEDRO AV	[illegible]		2451800

DRAFT


SAN — PEDRO
AVENUE
ROAD
MONTEREY
STREET
CHURCH
RAILROAD
AVENUE
MAST ST.
P.M. 439-M-14
P.M. 373 M-2
BARRETT
AVENUE
RCS 390/13
P.M. 368-M-24
BLVD.
VINEYARD
UNITED STATES POSTAL SERVICE
GENERAL TELEPHONE CO.
3.66 AC. NET
4.375 AC. GR
11.761 AC. NET TOTAL
1.484 AC. NET
1.204 AC. NET
3.20 AC.
4.46 AC. NET
3.33 AC. NET
CATHERINE DUNNE RANCH MAP Nº 5
HENRI MARTENS SUBD Nº 2
CATHERINE DUNNE RANCH MAP Nº 7
BK 770

DRAFT

USTCF025.DET. (Rev. 1/95)

Closed

Site Address 140 San Pedro Ave., Morgan Hill

Claim No.: 000942 Claimant Name: Peetree Properties, L.P.

COMPLIANCE DOCUMENTATION

DATE	ACTION/RESPONSE
10.16.91	530 gal/ea UST removed
4.9.92	Geomatrix submitted new installation report
3.31.92	MHF requests work plan addendum
8/93	Claimant requested closure
1.19.94	mon. wells closed
3.25.94	MHF issued site closure

Continued on Reverse ☐

CONFIRMATION OF CORRECTIVE ACTION COMPLIANCE

☒ Claimant in Corrective Action Compliance

☐ Claimant NOT in Corrective Action Compliance at the Time of this Review - 90 Day Letter Required

☐ Claimant NOT in Corrective Action Compliance - Recommend Rejection

Linda Wean — 12/18/95
LEAD AGENCY SIGNATURE — DATE

Barbara A. Cordova — 10.18.95
CLAIMS REVIEWER SIGNATURE — DATE

DRAFT

100 Pine Street, 10th Floor
San Francisco, CA 94111
(415) 434-9400 • FAX (415) 434-1366

GEOMATRIX

15 June 1992
Project 1949.01

Ms. Diane Gorham
Redtree Properties
P.O. Box 1041
Santa Cruz, California 95061

Subject: Monitoring Well Installation, Development, and Sampling
140 San Pedro Avenue
Morgan Hill, California

Dear Ms. Gorham:

This letter report describes the installation, development, and sampling of monitoring well MW-1 at 140 San Pedro Avenue, Morgan Hill, California (Figure 1), and presents the analytical results for soil and groundwater samples from the well. Geomatrix Consultants, Inc. (Geomatrix) conducted this work in accordance with the March 1992 Workplan for Site Investigation and Groundwater Monitoring Program. Geomatrix prepared this letter report at the request of Redtree Properties, L.P. (Redtree) for submittal to the Morgan Hill Fire Department (MHFD) and the Santa Clara Valley Water District (SCVWD).

BACKGROUND

On 16 October 1991, one 550-gallon underground diesel storage tank and associated piping was removed from the subject site under Geomatrix's observation. Approximately 5 cubic yards of soil were excavated from the vicinity of the tank and stockpiled on site. The former tank location and excavation boundaries are shown on Figure 2.

Analytical results from soil samples collected from the bottom of the excavation indicated that approximately 30 mg/kg Total Petroleum Hydrocarbons (TPH) as diesel were present in the soil beneath the former tank at a depth of 10 feet. Based on conditions observed during tank removal, the MHFD representative issued a memorandum dated 16 October 1991 requiring the installation of at least one groundwater monitoring well at the site and initiation of a quarterly groundwater monitoring program.

WELL INSTALLATION

Monitoring well MW-1 was drilled and constructed under the direction of a California certified engineering geologist in accordance with Geomatrix protocols on 29 and 30 April 1992 by Gregg Drilling and Testing, Inc., of Concord, California. Augers and other downhole equipment, such as soil samplers, drill rods, and bits, were steam-cleaned prior

to use. The well was installed in the center of the tank excavation area (Figure 2) using a Mobile B-61 hollow-stem auger drill rig. To minimize the potential for vertical cross-contamination of the soil during drilling, 14-inch-diameter augers were advanced to a depth of 15 feet and left in place. The well was drilled using 6.5-inch-diameter augers advanced through the larger augers and into the native soil below the excavation. Continuous cores were collected during drilling with a 5-foot-long core barrel. The Geomatrix field geologist described the soil core, noting lithology, color, moisture content, and grain size distribution. Soil samples for laboratory analysis were collected in brass tubes at 5-foot intervals using a modified California split spoon drive sampler. One soil sample for sieve analysis was collected at a depth of 73 feet. Drill cuttings were stockpiled on site.

MW-1 was constructed using 2-inch-diameter Schedule 40 flush-threaded PVC casing and factory slotted PVC well screen. Well screen slot size (0.01-inch) and sand filter pack (Lonestar #2/16) were selected based on visual grain size distribution of the water-yielding unit. MW-1 was screened from 55 to 75 feet, and the sand filter pack was placed from the bottom of the well screen to approximately 3 feet above the screen. A fine sand transition seal (Lonestar #0/30) approximately 2 feet thick was placed on top of the sand filter pack. Cement-bentonite grout was pumped into the remaining annular space via a tremie pipe. A representative of the SCVWD observed the placement of the grout.

The well was capped with a locking waterproof expansion cap, and completed at grade level with a traffic-rated steel well cover. The monitoring well was surveyed for vertical and horizontal control by Ruth & Going, Inc., licensed surveyors, of San Jose, California, on 4 May 1992. The well construction details and the boring log are attached.

WELL DEVELOPMENT AND GROUNDWATER SAMPLING

Geomatrix developed and sampled the well on 4 May 1992, more than 72 hours after the grout seal had been placed in the well. The well was developed by a combination of surging and pumping using a 1.66-inch-diameter gas-displacement pump. Development continued until the field parameters of pH and specific conductance had stabilized and the produced water was sufficiently clear. The well was pumped dry and allowed to recharge five times during development. A total of 35 gallons of water (approximately six casing volumes) were pumped from MW-1 and stored in a 55-gallon drum on site. Following well development, Geomatrix collected a groundwater sample from MW-1 according to Geomatrix protocols using a Teflon bailer.

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FINDINGS

Stratigraphy

The site is underlain by unconsolidated alluvial sediments to a depth of at least 75 feet. The uppermost unit, clayey sand with subrounded gravel, extends to a depth of approximately 31 feet. This unit is underlain by silt to a depth of 40 feet. Below the silt is a clayey sand similar in composition to the uppermost unit and extending to 50 feet below ground surface. This clayey sand unit is underlain by silt to a depth of approximately 69.5 feet. The final unit encountered was a clay with sand which extended from approximately 69.5 feet to the bottom of the borehole at 75 feet. The results of a sieve analyses of soil collected at approximately 73 feet below ground surface within the well screen interval indicated that the clay with sand unit contained 74% silt and clay, and 26% fine to coarse sand. A copy of the sieve analysis is attached. No free water was encountered during drilling. Sixteen hours after drilling was completed, depth to groundwater in the well was approximately 52 feet.

Analytical Results

As required by the MHFD, a total of 13 soil samples were collected for laboratory analysis at 5-foot intervals from 15 to 75 feet. The samples were analyzed by modified EPA Method 8015 for TPH as gasoline, TPH as diesel and TPH as motor oil, and by modified EPA Method 8020 for benzene, toluene, ethylbenzene and xylenes (BTEX). None of these analytes were detected in any of the soil samples (Table 1).

The groundwater sample was analyzed by the same methods and for the same compounds as the soil samples. The only analyte compound detected was at a concentration of 92 $\mu g/l$ TPH as diesel (Table 2). No TPH as gasoline, motor oil or BTEX were detected. Copies of the laboratory reports are attached.

RECOMMENDATIONS

To evaluate whether the low level of TPH as diesel detected in the sample from MW-1 is representative of groundwater quality, we recommend that groundwater samples from well MW-1 be collected for chemical analysis each quarter for four quarters, after which time the groundwater monitoring program will be reevaluated. The next sampling event is scheduled for August 1992.

We appreciate the opportunity to provide our hydrogeologic and engineering consulting services to Redtree. Please call either of the undersigned if you have any questions.

Sincerely yours,

GEOMATRIX CONSULTANTS, INC.

Yvonne G. Pierce

Yvonne G. Pierce
Project Geologist

Nancy T. Bice

Nancy T. Bice, C.E.G.
Principal Geologist

YGP/NTB/kl
COM EVMBOOBELLTR

Attachments

cc: Sharon Kohlmannslehner, MHFD
David Drury, SCVWD
Gregory D. Call, Esq., Folger and Levin

DRAFT

GEOMATRIX

TABLE 1

SUMMARY OF SOIL ANALYTICAL DATA FROM MONITORING WELL MW-1
140 San Pedro Avenue
Morgan Hill, California

Concentrations in mg/kg

Sample ID	Sampling Date	TPH as Gasoline	TPH as Diesel	TPH as Motor Oil	Benzene	Toluene	Ethylbenzene	Xylenes
MW1-15	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-20	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-25	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-30	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-35	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-40	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-45	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-50	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-55	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-60	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-65	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-70	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-75	4/30/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005

DRAFT

GEOMATRIX

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL DATA
140 San Pedro Avenue
Morgan Hill, California

Concentrations in µg/l

Well	Sampling Date	TPH as Gasoline	TPH as Diesel	Benzene	Toluene	Ethylbenzene	Xylenes
MW-1	5/4/92	<50	92	<0.5	<0.5	<0.5	<0.5

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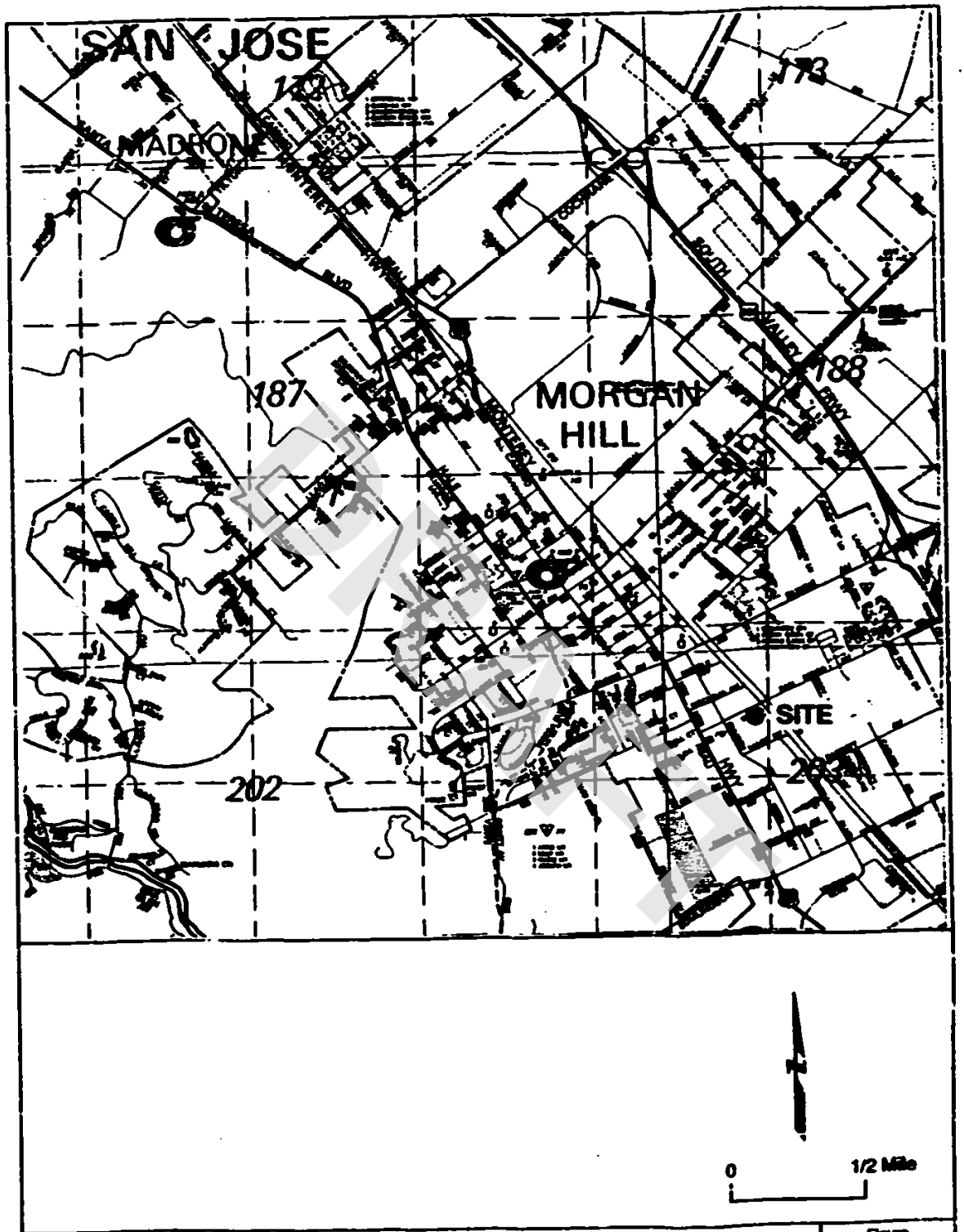
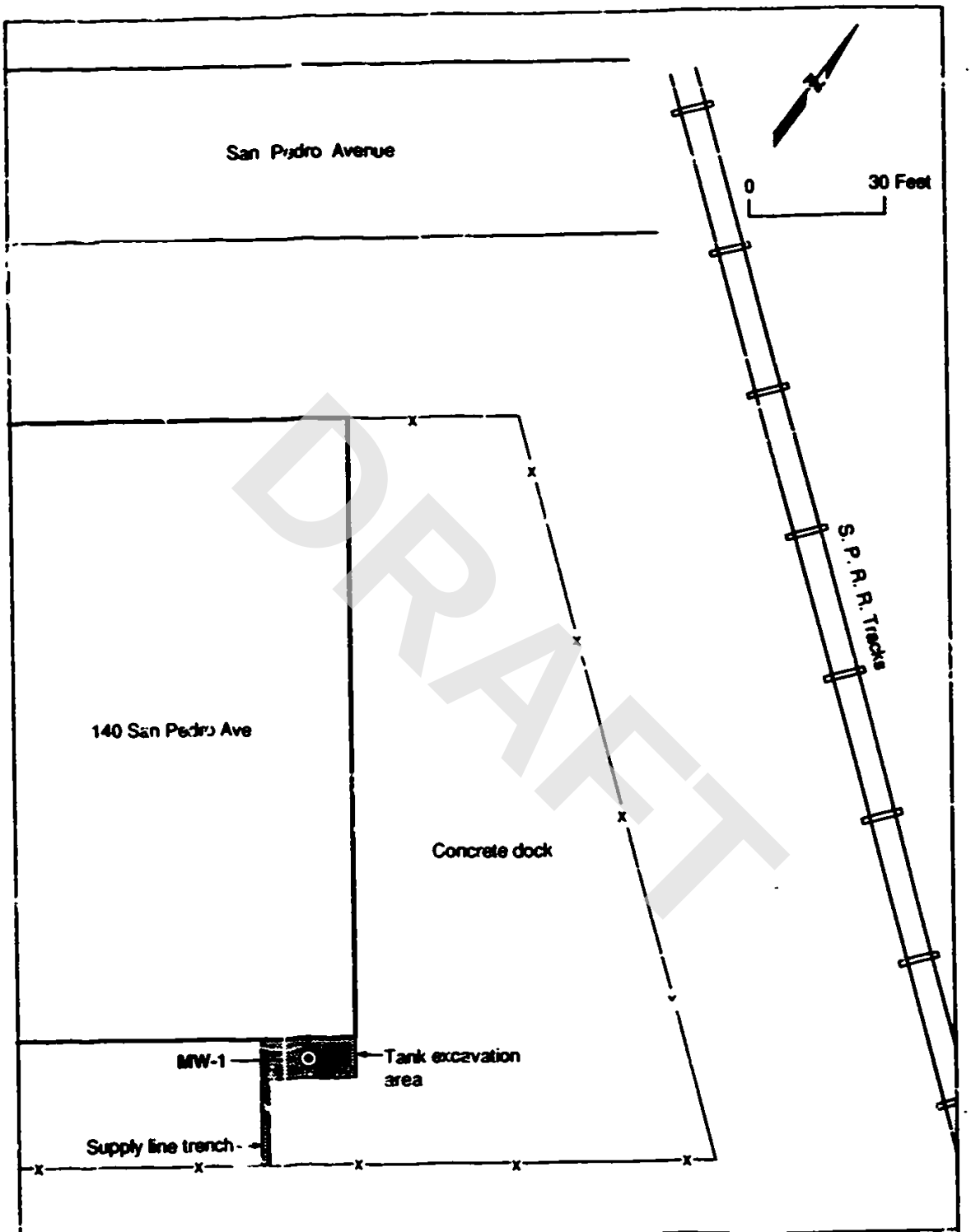


SITE LOCATION MAP
140 San Pedro Avenue
Morgan Hill, California

Figure 1

Project No. 1049.01



GEOMATRIX

MONITORING WELL LOCATION MAP
140 San Pedro Avenue
Morgan Hill, California

Figure 2

Project No. 1949.01

PROJECT: REDTREE–MORGAN HILL Morgan Hill, California		Boring Log Explanation Sheet	
BORING LOCATION:		ELEVATION AND DATUM:	
DRILLING CONTRACTOR:		DATE STARTED:	DATE FINISHED:
DRILLING METHOD:		TOTAL DEPTH:	SCREEN INTERVAL:
DRILLING EQUIPMENT:		DEPTH TO WATER ATD:	CASING:
SAMPLING METHOD:		LOGGED BY:	
HAMMER WEIGHT:	DROP:	RESPONSIBLE PROFESSIONAL:	REG. NO.

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	DESCRIPTION NAME (USCS Symbol); color, moist, % by wt., plast., density, structure, cementation, odor, vol/CL gas, etc. Surface Elevation:	TEST RESULTS	WELL CONSTRUCTION DETAILS
				5' continuous core sample		
				Indicates section of 5' continuous core sample that was not recovered		
				12" modified California drive sample; shaded portion indicates brass liner retained for chemical analysis		

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Geomatrix Consultants	Project No. 1949.01	Figure 8

PROJECT REDTREE–MORGAN HILL
Morgan Hill, California

Log of Well No. MW-1 (cont'd.)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	DESCRIPTION (NAME (USCS Symbol); color, moist, % by vol., plast., density, structure, cementation, moist, vol/Cl, gen. color)	TEST RESULTS	WELL CONSTRUCTION DETAILS
65	MW-1-65			SILT (ML) (Continued)		6.5" borehole
66						Lonestar clarifie mud
67						
68						
69						
70	MW-1-70			CLAY with SAND (CL) Olive brown (2.5Y 4/4), moist, 75% clay and silt, 25% fine to coarse sand, <5% fine gravel, firm		
71						2" PVC screen, 0.01" slot size
72						
73						
74						
75	MW-1-75					Surface plug
76				Bottom of boring at 76 feet		
77						
78						
79						
80						
81						
82						

Geomatrix Consultants | Project No. 1949.01 | Figure 8

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PROJECT: REDTREE–MORGAN HILL
Morgan Hill, California

Log of Well No. MW-1 (cont'd.)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	DESCRIPTION (NAME (USCS Symbol): color, moist, % by wt., plast., density, structure, cementation, moist, w/HCl, gen. char.)	TEST RESULTS	WELL CONSTRUCTION DETAILS
49				CLAYEY SAND (SC) (continued)		6.3" borehole
				Zone of 60-70% fine to medium sand, 30-40% clay and silt		Cement/bentonite grout
50						
	MW-1-50		22	SILT (ML) Yellowish brown (10 YR 5/8), moist, 90-95% silt and clay, <5% fine to medium sand, soft		Lonestar #2/16 sand
51						
52						
53						2" PVC blank casing
54						
55						
	MW-1-55		12	Increase of fine to medium sand to ~10-15%		Lonestar #2/16 sand
56						
57						
58						2" PVC screen, 0.01" slot size
59						
60						
	MW-1-60		27			
61						
62						
63						
64						
65						

W-2-GINTLOG.GPJ

Geomatrix Consultants | Project No. 1949.01 | Figure 8

DRAFT

PROJECT: REDTREE–MORGAN HILL
Morgan Hill, California

Log of Well No. MW-1 (cont'd.)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	DESCRIPTION (USCS Symbol; color, moist, % by wt., plast., density, structure, consolidation, moist, wt/HCl, gas, odor)	TEST RESULTS	WELL CONSTRUCTION DETAILS
32				CLAY (CL) Dark yellowish brown (10YR 4/4), mottled, moist, ~90% clay and silt, ~10% fine to medium sand, firm, low plasticity		
33						6.5' bentonite
34						
35	MW-1-35		20			
36				SILT (ML) Dark yellowish brown (10YR 4/4), mottled, moist, ~95% silt and clay, ~5% fine sand, firm		
37						2" PVC blank casing
38						
39						
40	MW-1-40		25	CLAYEY SAND (SC) Dark yellowish brown (10YR 3/6), moist, 40-60% fine to coarse sand, 15-30% clay and silt, 15-25% fine to coarse gravel up to 3"		
41						
42						Cementbentonite grout
43						
44						
45	MW-1-45		37			
46				Increasing moisture in clays		
47						
48						

W-2-[illegible]

Geomatrix Consultants | Project No. 1949.01 | Figure 8

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PROJECT: REDTREE–MORGAN HILL
Morgan Hill, California

Log of Well No. MW-1 (cont'd.)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	DESCRIPTION (NAME (USCS Symbol): color, moist, % by wt., plast., density, structure, consolidation, react. w/HCl, geol. inter.)	TEST RESULTS	WELL CONSTRUCTION DETAILS
				CLAYEY SAND (SC) (Continued)		14" borehole; 6.5" borehole; 2" PVC blank casing; Cement/bentonite grout
15	MW-1-15		41			
16						
17						
18						
19						
20	MW-1-20		39			
21						
22						
23						
24						
25	MW-1-25		46			
26						
27				Increasing moisture in clays; some of the gravels are very weathered and crumbly; occasional pieces of burnt wood/charcoal		
28						
29						
30	MW-1-30		39			
31						

DRAFT

Geomatrix Consultants | Project No. 1949.01 | Figure 8

PROJECT: REDTREE–MORGAN HILL Morgan Hill, California	**Log of Well No. MW-1**
BORING LOCATION: 140 San Pedro Avenue	ELEVATION AND DATUM: North Rim PVC casing 338.35'
DRILLING CONTRACTOR: Gregg Drilling	DATE STARTED: 4/29/92 / DATE FINISHED: 4/30/92
DRILLING METHOD: Hollow stem auger	TOTAL DEPTH: 76' / SCREEN INTERVAL: 55'-75'
DRILLING EQUIPMENT: Mobile B-61	DEPTH TO WATER ATD: ~52' after 16 hours / CASING: 2" PVC
SAMPLING METHOD: 5' continuous core, modified California drive sampler	LOGGED BY: M.R. Kelm/Y.G. Pierce
HAMMER WEIGHT: 140 lbs. / DROP: 30"	RESPONSIBLE PROFESSIONAL: Nancy Bice / REG. NO. CEG #1259

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Blows/Foot	DESCRIPTION (NAME (USCS Symbol): color, moist, % by wt., clast, density, structure, cementation, moist, w/HCl, gas, odor.)	TEST RESULTS	WELL CONSTRUCTION DETAILS
			Surface Elevation:		
1–8			**CLAYEY SAND FILL (SC)** Dark brown (10YR 3/3), moist, 60% fine to coarse subrounded sand, 25% fine to coarse gravels, ~15% clay and silt		Traffic-rated Christy Box Locking water-tight cap 2" PVC blank casing 14" borehole Cement/bentonite grout
10–14			**CLAYEY SAND (SC)** Dark yellowish brown (10YR 3/4), moist, 40-70% fine to coarse subrounded to angular sand, 25-45% clay and silt, 15% fine to medium subrounded gravels, gravels are weathered		

W-1-Modified

Geomatrix Consultants | Project No. 1949.01 | Figure 8

DRAFT

9204426 (2) 1636 A.C.

Chain-of-Custody Record

№ 0891

Date: 4/30/92

Page 1 of 2

Project No.: 1949.01

Samplers (Signatures): Yvonne Pierce

ANALYSES

	Date	Time	Sample Number	EPA Method 8010	EPA Method 8020	EPA Method 8240	EPA Method 8270	TPH as gasoline 8015	TPH as diesel 8015	TPH as BTEX 8020	Coded	Soil (S) or water (W)	Acidified	Number of containers
1	4/29	1020	MW1-15					X	X	X	✓	S		1
2		1040	MW1-20					X	X	X	✓	S		1
3		1100	MW1-25					X	X	X	✓	S		1
4		1120	MW1-30					X	X	X	✓	S		1
5		1145	MW1-35					X	X	X	✓	S		1
6		1200	MW1-40					X	X	X	✓	S		1
7		1300	MW1-45					X	X	X	✓	S		1
8		1330	MW1-50					X	X	X	✓	S		1
9		1400	MW1-55					X	X	X	✓	S		1
10		1430	MW1-60					X	X	X	✓	S		1
11		1500	MW1-65					X	X	X	✓	S		1
12	↓	1530	MW1-70					X	X	X	✓	S		1

Sample labeled as MW1-61

Turnaround time: 2-week (normal)

Results to: Yvonne Pierce

Total No of containers: 12

REMARKS

Additional comments

Normal Turnaround
Results to Yvonne Pierce

Diesel analysis must be able to detect Motor oil

#127 Anametrix Log

Relinquished by:	Date:	Relinquished by:	Date:	Relinquished by	Date:
Yvonne Pierce	4/30/92				
Signature: Yvonne Pierce		Signature:		Signature:	
Printed name: Geomatrix		Printed name:		Printed name:	
Company:		Company:		Company:	

Received by:	Time:	Received by:	Time:	Received by:	Time:
Jenny S. Carreker	1200				
Signature: JENNY S. CARREKER		Signature:		Signature	
Printed name: ANAMETRIX		Printed name:		Printed name:	
Company:		Company:		Company:	

Method of shipment: lab courier

Laboratory comments and Log No

Geomatrix Consultants
100 Pine St 10th Floor
San Francisco, CA 94111
(415) 434-9400

P-1 By [illegible] 4/30/92 1730 [illegible] 4/30/92 1730

9204426 (2) 1256 A.C.

Chain-of-Custody Record

№ 0920

Date: 4/30/92

Page 2 of 2

Project No.: 1949.01

Samplers (Signatures): Yvonne Pierce

Date	Time	Sample Number	EPA Method 8010	EPA Method 8020	EPA Method 8240	EPA Method 8270	TPH as gasoline 8015	TPH as diesel 8015	TPH as BTEX 8020													Oil (O)	Soil (S) or water (W)	Acidified	Number of containers	Additional comments
(13) 4/30	845	MW1-75					X	X	X													✓	S		1	See comments on page 1

Turnaround time: Normal

Results to: Yvonne Pierce

Total No. of containers: 1

Relinquished by:	Date:	Relinquished by:	Date:	Relinquished by:	Date:
Yvonne Pierce	4/30				
Signature: Yvonne Pierce	92	Signature:		Signature:	
Printed name: Geomatrix		Printed name:		Printed name:	
Company:		Company:		Company:	

Received by:	Time:	Received by:	Time:	Received by:	Time:
Gary A. Gregory					
Signature: BENNY S. GREIDSA	1200	Signature:		Signature:	
Printed name: ANAMETRIX		Printed name:		Printed name:	
Company:		Company:		Company:	

Method of shipment: Lab courier

Laboratory comments and Log No.:

Geomatrix Consultants
100 Pine St 10th Floor
San Francisco, CA 94111
(415) 434-9400

Rec'd by: Gary A. Gregory 4/30/92 Yvonne Pierce 4/30/92 1230

ANAMETRIX INC
Environmental & Analytical Chemistry
1901 Concourse Drive, Suite E San Jose, CA 95131
(408) 432-8192 · Fax (408) 432-8198

REPORT

MS. YVONNE PIERCE
GEOMATRIX CONSULTANTS INC.
100 PINE STREET, SUITE 1000
SAN FRANCISCO, CA 94111

Workorder # : 9204426
Date Received : 04/30/92
Project ID : 1949.01
Purchase Order: N/A

The following samples were received at Anametrix, Inc. for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9204426- 1	MW1-15
9204426- 2	MW1-20
9204426- 3	MW1-25
9204426- 4	MW1-30
9204426- 5	MW1-35
9204426- 6	MW1-40
9204426- 7	MW1-45
9204426- 8	MW1-50
9204426- 9	MW1-55
9204426-10	MW1-60
9204426-11	MW1-65
9204426-12	MW1-70
9204426-13	MW1-75

This report consists of 10 pages not including the cover letter, and is organized in sections according to the specific Anametrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anametrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234. A detailed list of the approved fields of testing can be obtained by calling our office, or the DHS Environmental Laboratory Accreditation Program at (415)540-2800.

If you have any further questions or comments on this report, please give us a call as soon as possible. Thank you for using Anametrix.

Sarah Schoen, Ph.D.
Laboratory Director

5-07-92
Date

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MS. YVONNE PIERCE
GEOMATRIX CONSULTANTS INC.
100 PINE STREET, SUITE 1000
SAN FRANCISCO, CA 94111

Workorder # : 9204426
Date Received : 04/30/92
Project ID : 1949.01
Purchase Order: N/A
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9204426- 1	MW1-15	SOIL	04/29/92	TPHd
9204426- 2	MW1-20	SOIL	04/29/92	TPHd
9204426- 3	MW1-25	SOIL	04/29/92	TPHd
9204426- 4	MW1-30	SOIL	04/29/92	TPHd
9204426- 5	MW1-35	SOIL	04/29/92	TPHd
9204426- 6	MW1-40	SOIL	04/29/92	TPHd
9204426- 7	MW1-45	SOIL	04/29/92	TPHd
9204426- 8	MW1-50	SOIL	04/29/92	TPHd
9204426- 9	MW1-55	SOIL	04/29/92	TPHd
9204426-10	MW1-60	SOIL	04/29/92	TPHd
9204426-11	MW1-65	SOIL	04/29/92	TPHd
9204426-12	MW1-70	SOIL	04/29/92	TPHd
9204426-13	MW1-75	SOIL	04/30/92	TPHd
9204426- 1	MW1-15	SOIL	04/29/92	TPHg/BTEX
9204426- 2	MW1-20	SOIL	04/29/92	TPHg/BTEX
9204426- 3	MW1-25	SOIL	04/29/92	TPHg/BTEX
9204426- 4	MW1-30	SOIL	04/29/92	TPHg/BTEX
9204426- 5	MW1-35	SOIL	04/29/92	TPHg/BTEX
9204426- 6	MW1-40	SOIL	04/29/92	TPHg/BTEX

DRAFT

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MS. YVONNE PIERCE
GEOMATRIX CONSULTANTS INC.
100 PINE STREET, SUITE 1000
SAN FRANCISCO, CA 94111

Workorder # : 9204426
Date Received : 04/30/92
Project ID : 1949.01
Purchase Order: N/A
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9204426- 7	MW1-45	SOIL	04/29/92	TPHg/BTEX
9204426- 8	MW1-50	SOIL	04/29/92	TPHg/BTEX
9204426- 9	MW1-55	SOIL	04/29/92	TPHg/BTEX
9204426-10	MW1-60	SOIL	04/29/92	TPHg/BTEX
9204426-11	MW1-65	SOIL	04/29/92	TPHg/BTEX
9204426-12	MW1-70	SOIL	04/29/92	TPHg/BTEX
9204426-13	MW1-75	SOIL	04/30/92	TPHg/BTEX

DRAFT

REPORT SUMMARY
ANAMATRIX, INC. (408)432-8192

MS YVONNE PIERCE
GEOMATRIX CONSULTANTS INC.
100 PINE STREET, SUITE 1000
SAN FRANCISCO, CA 94111

Workorder # : 9204426
Date Received : 04/30/92
Project ID : 1949.01
Purchase Order: N/A
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for these samples.

DRAFT

Cheryl Balma 5/7/92
Department Supervisor Date

Reggie Davisson 5/7/92
Chemist Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9204426
Matrix : SOIL
Date Sampled : 04/29 & 30/92

Project Number : 1949.01
Date Released : 05/07/92

COMPOUNDS	Reporting Limit (mg/Kg)	Sample I.D.# MW1-15 -01	Sample I.D.# MW1-20 -02	Sample I.D.# MW1-25 -03	Sample I.D.# MW1-30 -04	Sample I.D.# MW1-35 -05
Benzene	0.005	ND	ND	ND	ND	ND
Toluene	0.005	ND	ND	ND	ND	ND
Ethylbenzene	0.005	ND	ND	ND	ND	ND
Total Xylenes	0.005	ND	ND	ND	ND	ND
TPH as Gasoline	0.5	ND	ND	ND	ND	ND
% Surrogate Recovery		97%	99%	108%	96%	92%
Instrument I.D.		HP21	HP21	HP21	HP21	HP21
Date Analyzed		05/04/92	05/04/92	05/04/92	05/04/92	05/04/92
RLMF		1	1	1	1	1

ND - Not detected at or above the practical quantification limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Reggie Davison 5/7/92
Analyst Date

Cheryl Balmer 5/7/92
Supervisor Date

DRAFT

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: S204426
Matrix : SOIL
Date Sampled : 04/29 & 30/92

Project Number : 1949.01
Date Released : 05/07/92

COMPOUNDS	Reporting Limit (mg/Kg)	Sample I.D.# MW1-40 -06	Sample I.D.# MW1-45 -07	Sample I.D.# MW1-50 -08	Sample I.D.# MW1-55 -09	Sample I.D.# MW1-60 -10
Benzene	0.005	ND	ND	ND	ND	ND
Toluene	0.005	ND	ND	ND	ND	ND
Ethylbenzene	0.005	ND	ND	ND	ND	ND
Total Xylenes	0.005	ND	ND	ND	ND	ND
TPH as Gasoline	0.5	ND	ND	ND	ND	ND
% Surrogate Recovery		109%	94%	91%	115%	106%
Instrument I.D.		HP21	HP21	HP21	HP21	HP21
Date Analyzed		05/04/92	05/04/92	05/04/92	05/04/92	05/04/92
RLMF		1	1	1	1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Reggie Davison 5/7/92
Analyst Date

Cheryl Balmer 5/7/92
Supervisor Date

DRAFT

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9204426
Matrix : SOIL
Date Sampled : 04/29 & 30/92

Project Number : 1949.01
Date Released : 05/07/92

COMPOUNDS	Reporting Limit (mg/Kg)	Sample I.D.# MW1-65 -11	Sample I.D.# MW1-70 -12	Sample I.D.# MW1-75 -13	Sample I.D.# 21B0504A BLANK
Benzene	0.005	ND	ND	ND	ND
Toluene	0.005	ND	ND	ND	ND
Ethylbenzene	0.005	ND	ND	ND	ND
Total Xylenes	0.005	ND	ND	ND	ND
TPH as Gasoline	0.5	ND	ND	ND	ND
% Surrogate Recovery		101%	120%	131%	112%
Instrument I.D.		HP21	HP21	HP21	HP21
Date Analyzed		05/04/92	05/04/92	05/04/92	05/04/92
RLMF		1	1	1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Reggie Davison 5/7/92
Analyst Date

Cheryl Bueno 5/7/92
Supervisor Date

DRAFT

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS AS DIESEL
ANAMETRIX, INC. (408) 432-8192

Anametrix W.O.: 9204426
Matrix : SOIL
Date Sampled : 04/29 & 30/92
Date Extracted: 05/04/92

Project Number : 1949.01
Date Released : 05/07/92
Instrument I.D.: HP9

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (mg/Kg)	Amount Found (mg/Kg)
9204426-01	MW1-15	05/05/92	10	ND
9204426-02	MW1-20	05/05/92	10	ND
9204426-03	MW1-25	05/05/92	10	ND
9204426-04	MW1-30	05/05/92	10	ND
9204426-05	MW1-35	05/05/92	10	ND
9204426-06	MW1-40	05/05/92	10	ND
9204426-07	MW1-45	05/06/92	10	ND
9204426-08	MW1-50	05/06/92	10	ND
9204426-09	MW1-55	05/06/92	10	ND
9204426-10	MW1-60	05/06/92	10	ND
9204426-11	MW1-65	05/06/92	10	ND
9204426-12	MW1-70	05/06/92	10	ND
9204426-13	MW1-75	05/06/92	10	ND
DSBL050492	METHOD BLANK	05/05/92	10	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 10 mg/Kg.
ND - Not detected at or above the practical quantitation limit for the method.
TPHd - Total Petroleum Hydrocarbons as diesel is determined by GCFID following sample extraction by EPA Method 3550.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Luna Shor 5/7/92
Analyst Date

Cheryl Balmer 5/7/92
Supervisor Date

DRAFT

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS AS MOTOR OIL
ANAMETRIX, INC. (408) 432-8192

Anametrix W.O.: 9204426
Matrix : SOIL
Date Sampled : 04/29 & 30/92
Date Extracted: 05/04/92

Project Number : 1949.01
Date Released : 05/07/92
Instrument I.D.: HP9

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (mg/Kg)	Amount Found (mg/Kg)
9204426-01	MW1-15	05/05/92	10	ND
9204426-02	MW1-20	05/05/92	10	ND
9204426-03	MW1-25	05/05/92	10	ND
9204426-04	MW1-30	05/05/92	10	ND
9204426-05	MW1-35	05/05/92	10	ND
9204426-06	MW1-40	05/05/92	10	ND
9204426-07	MW1-45	05/06/92	10	ND
9204426-08	MW1-50	05/06/92	10	ND
9204426-09	MW1-55	05/06/92	10	ND
9204426-10	MW1-60	05/06/92	10	ND
9204426-11	MW1-65	05/06/92	10	ND
9204426-12	MW1-70	05/06/92	10	ND
9204426-13	MW1-75	05/06/92	10	ND
DSBL050492	METHOD BLANK	05/05/92	10	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 10 mg/Kg.
ND - Not detected at or above the practical quantitation limit for the method.
TPHd - Total Petroleum Hydrocarbons as motor oil is determined by GCFID following sample extraction by EPA Method 3550.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Luca Sher 5/7/92
Analyst Date

Cheryl Balmer 5/7/92
Supervisor Date

DRAFT

BTEX MATRIX SPIKE REPORT
EPA METHOD 5030 WITH GC/PID
ANAMETRIX, INC. (408) 432-8192

SAMPLE I.D. : 1949.01 MW1-40
Matrix : SOIL
Date Sampled : 04/29/92
Date Analyzed : 05/04/92

Anametrix I.D.: 9204426-06
Analyst : KT
Supervisor : CS
Date Released : 05/07/92
Instrument ID : HP21

COMPOUND	SPIKE AMT. (mg/Kg)	MS (mg/Kg)	REC MS	MSD (mg/Kg)	REC MSD	RPD	%REC LIMITS
Benzene	0.010	0.007	70%	0.009	90%	25%	49-159
Toluene	0.010	0.008	80%	0.009	90%	12%	53-156
Etylbenzene	0.010	0.008	80%	0.009	90%	12%	54-151
M+P-Xylenes	0.0067	0.0048	72%	0.0057	85%	17%	56-157
O-Xylene	0.0033	0.0026	79%	0.0028	85%	7%	58-154
P-BFB			115%		94%		53-147

* Limits established by Anametrix, Inc.

DRAFT

TOTAL EXTRACTABLE HYDROCARBON MATRIX SPIKE REPORT
EPA METHOD 3550 WITH GC/FID
ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 1949.01 MW1-65
Matrix : SOIL
Date Sampled : 04/29/92
Date Extracted: 05/04/92
Date Analyzed : 05/06/92

Anametrix I.D. : 9204426-11
Analyst : RD
Supervisor : CS
Date Released : 05/07/92
Instrument I.D.: HP9

COMPOUND	SPIKE AMT. (mg/Kg)	MS (mg/Kg)	%REC MS	MSD (mg/Kg)	%REC MSD	RPD	%REC LIMITS
Diesel	125	91	73%	86	69%	-6%	32-143

* Limits established by Anametrix, Inc.

DRAFT

9205032 #10 (3) 1515
#2 FB

Chain-of-Custody Record

№ 0790

Date: 5-4-92 | Page | of

Project No.: 1949.01

Samplers (Signatures): Michael Keim

Date	Time	Sample Number	EPA Method 8010	EPA Method 8020	EPA Method 8240	EPA Method 8270	TPH as gasoline	TPH as diesel	TPH as BTEX	Cooled	Soil (S) or water (W)	Acidified	Number of containers	Additional comments
4/92	1400	MW-1					X	X	X	X	W	Y	5	samples received cools no bubble in vons.

Turnaround time: STANDARD

Results to: Yvonne Pierce

Total No. of containers: 5

Relinquished by:	Date:	Relinquished by:	Date:	Relinquished by:	Date:
Signature:		Signature:		Signature: Michael Keim	5/4/92
Printed name:		Printed name:		Printed name: Geomatrix	1520
Company:		Company:		Company:	
Received by:	**Time:**	**Received by:**	**Time:**	**Received by:**	**Time:**
Signature:		Signature:		Signature: Farah Badiei	5/4/92
Printed name:		Printed name:		Printed name: FARAH BADIEI	1520
Company:		Company:		Company: Amnedix	

Method of shipment: Delivery

Laboratory comments and Log No.:

Geomatrix Consultants
100 Pine St. 10th Floor
San Francisco, CA 94111
(415) 434-9400

ANAMETRIX INC
Environmental & Analytical Chemistry
1901 Concourse Drive Suite E San Jose CA 95131
(408) 432-8192 - Fax (408) 432-8198

REPORT

MS. YVONNE PIERCE
GEOMATRIX CONSULTANTS INC.
100 PINE STREET, SUITE 1000
SAN FRANCISCO, CA 94111

Workorder # : 9205032
Date Received : 05/04/92
Project ID : 1949.01
Purchase Order: N/A

The following samples were received at Anametrix, Inc. for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9205032- 1	MW-1

This report consists of 6 pages not including the cover letter, and is organized in sections according to the specific Anametrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anametrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234. A detailed list of the approved fields of testing can be obtained by calling our office, or the DHS Environmental Laboratory Accreditation Program at (415)540-2800.

If you have any further questions or comments on this report, please give us a call as soon as possible. Thank you for using Anametrix.

Sarah Schoen

Sarah Schoen, Ph.D.
Laboratory Director

5-13-92
Date

DRAFT

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MS. YVONNE PIERCE
GEOMATRIX CONSULTANTS INC.
100 PINE STREET, SUITE 1000
SAN FRANCISCO, CA 94111

Workorder # : 9205032
Date Received : 05/04/9.
Project ID : 1949.01
Purchase Order: N/A
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9205032- 1	MW-1	WATER	05/04/92	TPHd
9205032- 1	MW-1	WATER	05/04/92	TPHg/BTEX

DRAFT

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MS. YVONNE PIERCE
GEOMATRIX CONSULTANTS INC.
100 PINE STREET, SUITE 1000
SAN FRANCISCO. CA 94111

Workorder # : 9205032
Date Received : 05/04/92
Project ID : 1949.01
Purchase Order: N/A
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for this sample.

DRAFT

Cheryl Baeman 5/13/92
Department Supervisor Date

Chemist 5.13.92
Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9205032
Matrix : WATER
Date Sampled : 05/04/92

Project Number : 194[illegible].01
Date Released : 05/11/92

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# MW-1 -01	Sample I.D.# 04B0508A BLANK
Benzene	0.5	ND	ND
Toluene	0.5	ND	ND
Ethylbenzene	0.5	ND	ND
Total Xylenes	0.5	ND	ND
TPH as Gasoline	50	ND	ND
% Surrogate Recovery		94%	104%
Instrument I.D.		HP4	HP4
Date Analyzed		05/08/92	05/08/92
RLMF		1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Steve Sma 5/12/92
Analyst Date

Cheryl Bc 5/12/92
Supervisor Date

DRAFT

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS AS DIESEL
ANAMETRIX, INC. (408) 432-8192

Anametrix W.O.: 9205032
Matrix : WATER
Date Sampled : 05/04/92
Date Extracted: 05/07/92

Project Number : 1949.01
Date Released : 05/11/92
Instrument I.D.: HP23

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9205032-01	MW-1	05/11/92	50	92
DWBL050792	METHOD BLANK	05/11/92	50	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 50ug/L.
ND - Not detected at or above the practical quantitation limit for the method.
TPHd - Total Petroleum Hydrocarbons as diesel is determined by GCFID following sample extraction by EPA Method 3510.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

DRAFT

Steve Sma 5/12/92
Analyst Date

Cheryl Baemer 5/12/92
Supervisor Date

BTEX MATRIX SPIKE REPORT
EPA METHOD 5030 WITH GC/PID
ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 1949.01 MW-1
Matrix : WATER
Date Sampled : 05/04/92
Date Analyzed : 05/08/92

Anametrix I.D.: 9205032-01
Analyst : CF.
Supervisor : [illegible]
Date Released : 05/11/92
Instument ID : HP4

COMPOUND	SPIKE AMT. (ug/L)	MS (ug/L)	REC MS	MD (ug/L)	REC MD	RPD	%REC LIMITS
Benzene	20	17	85%	20	100%	16%	46-149
Toluene	20	16	80%	20	100%	22%	43-146
Ethylbenzene	20	16	80%	20	100%	22%	51-138
M+P-Xylenes	13.3	11.2	84%	13.3	100%	17%	39-161
O-Xylene	6.7	5.5	82%	6.8	101%	21%	37-156
P-BFB			102%		96%		53-147

* Limits established by Anametrix, Inc.

DRAFT

TOTAL EXTRACTABLE HYDROCARBON METHOD SPIKE REPORT
EPA METHOD 3510 WITH GC/FID
ANAMETRIX, INC. (408) 432-8192

Sample I.D. : METHOD SPIKE
Matrix : REAGENT WATER
Date Sampled : N/A
Date Extracted: 05/07/92
Date Analyzed : 05/11/92

Anametrix I.D. : SPK0507
Analyst : [illegible]
Supervisor : [illegible]
Date Released : 05/12/92
Instrument I.D.: HP23

COMPOUND	SPIKE AMT. (ug/L)	MS (ug/L)	%REC MS	MSD (ug/L)	%REC MSD	RPD	%REC LIMITS
Diesel	1250	1250	100%	1360	109%	8%	36-150

* Limits established by Anametrix, Inc.

DRAFT

100 Pine Street, 10th Floor
San Francisco, CA 94111
(415) 434-9400 • FAX (415) 434-1365

GEOMATRIX

13 December 1991
Project 1949

12/16 orig DDD w/ DJC

Diane Gorham
Redtree Properties, L.P.
P.O. Box 1041
Santa Cruz, California 95061

Subject: Underground Storage Tank Removal
140 San Pedro Avenue
Morgan Hill, California

Dear Ms. Gorham:

Enclosed is the report describing tank removal and disposal activities, soil sampling procedures, laboratory analytical results, and conclusions and recommendations for the subject site. At your request, we have submitted a copy of this report to the Morgan Hill Fire Department and the Santa Clara Valley Water District.

If you have any questions, please call either of the undersigned.

Sincerely,

GEOMATRIX CONSULTANTS, INC.

Mary Sue Philip, MPH
Project Engineer

Elizabeth Nixon
Senior Project Engineer

MSP/EN/j
CONTR\1949-MSP.LTR

cc: John Tremoulis, The Metropolitan Real Estate Group
Sharon Kohlmannslehner, MHFD
David Drury, SCVWD

DRAFT

GEOMATRIX

UNDERGROUND STORAGE TANK REMOVAL
140 San Pedro Avenue
Morgan Hill, California

DRAFT

Prepared for

Redtree Properties, L.P.
P.O. Box 1041
Santa Cruz, California

December 1991
Project No. 1949

Geomatrix Consultants

GEOMATRIX

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Figure 2 Tank Excavation and Soil Sample Locations

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Appendix A Permit, Hazardous Waste Manifest, Certificate of Disposal, and MHFD Memorandum
Appendix B Analytical Laboratory Reports and Chain-of-Custody Records

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GEOMATRIX

UNDERGROUND STORAGE TANK REMOVAL

140 San Pedro Avenue
Morgan Hill, California

1.0 INTRODUCTION

This report describes tank removal activities conducted by Geomatrix Consultants, Inc. (Geomatrix) at 140 San Pedro Avenue in Morgan Hill, California (Figure 1). Tank removal and disposal procedures, soil sampling and laboratory analytical results, conclusions and recommendations are presented in this report. This report is being submitted to the Morgan Hill Fire Department (MHFD) and the Santa Clara Valley Water District (SCVWD) on behalf of Redtree Properties, L. P. (Redtree).

The tank was discovered on 18 September 1991 during excavation of buried ventilation and supply piping assumed to be associated with a former underground tank that had been removed from the adjacent property. At that time, Geomatrix removed a sample of liquid from the tank for laboratory analysis and left the piping in place. The sample was collected in a glass volatile organic analysis (VOA) vial, stored in an ice-cooled chest, and transported to a state-certified laboratory under chain of custody procedures. Laboratory analyses indicated the liquid to be diesel with approximately 10 percent purgeable petroleum hydrocarbons characterized as gasoline. Copies of the analytical report and chain of custody record are included in Appendix B.

On 16 October 1991, the 550-gallon underground storage tank was removed under a City of Morgan Hill building permit. (Appendix A).

2.0 TANK REMOVAL PROCEDURES

Removal of asphalt, concrete and soil from over the tank and piping, tank and piping

removal, soil excavation and removal, and backfilling and compacting the excavation were performed by Trumpp Brothers (Trumpp) of San Jose, California on 15 and 16 October 1991. A Geomatrix representative was on site on 16 October to observe tank removal and excavation procedures and to collect soil samples. A representative of the MHFD, Ms. Sharon Kohlmannslehner, observed the tank removal and soil sampling activities.

2.1 TANK STABILIZATION PROCEDURES

Approximately two gallons of liquid were pumped from the tank prior to removal. Trumpp rendered the tank inert by inserting 50 pounds of dry ice into the tank to remove organic vapors and oxygen. Explosivity meter readings taken in the tank by the MHFD representative indicated that vapor concentrations were below 10 percent of the lower explosive limit.

2.2 FIELD OBSERVATIONS

The former tank location and excavation boundaries are shown on Figure 2. The underground storage area was partially covered with a 6 to 12-inch thick concrete pad, with the remainder covered with asphalt. Depth to the top of the tank was approximately 3.5 feet. The tank was approximately 3.5 feet in diameter and 7 feet in length.

After the tank was removed, it was visually inspected by the MHFD and Geomatrix representatives. The tank was visibly corroded, and numerous corrosion holes, from pinhole size to about 1/4-inch diameter, were observed on the bottom and sides. No cracks or holes were observed in the supply piping.

Backfill material surrounding the tank was the same as the native, surrounding soil. Native soil was sandy and contained gravel and cobbles. Visual and olfactory observations were used to assess the presence of petroleum hydrocarbons in the soil around the tank. Soil

DRAFT

beneath the tank was observed to be stained a dark grayish color and to have a petroleum odor.

After the tank was removed, approximately 5 cubic yards of petroleum-affected soil were removed from the bottom of the excavation and stockpiled on plastic sheeting on site.

2.3 TANK DISPOSAL

The tank and associated piping were transported with a uniform hazardous waste manifest by a licensed hazardous waste transporter (H&H Ship Service Company, Inc.) to their licensed receiving facility in San Francisco. Copies of the hazardous waste manifest and certificate of disposal are included in Appendix A.

2.4 SOIL SAMPLING PROCEDURES

The MHFD representative requested that five soil samples be collected: three from the bottom of the supply piping excavation (samples 1, 2 and 3, depths of 0.5 to 3 feet) and two from the bottom of the tank excavation, one at each end (samples 4 and 5, depths of 8.0 and 7.5 feet). Two additional soil samples were collected from beneath the former tank at the maximum depths excavated (samples 6 and 7, depths of 9 and 10 feet). The soil samples from beneath the supply piping were collected using a slam hammer sampler fitted with clean brass tubes. Samples from the tank excavation area were collected from the backhoe bucket into clean brass tubes. The tubes were sealed with aluminum foil, plastic end caps, and duct tape, and labeled with identification data. The samples were placed in an ice-cooled chest and delivered to a state-certified analytical laboratory, Anametrix, Inc. (Anametrix) of San Jose, California under chain of custody procedures.

The excavation was backfilled by Trumpp with imported sand and native soil and compacted. The area was resurfaced with asphalt to match existing grade.

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3.0 ANALYTICAL METHODS AND RESULTS

As required by the MHFD, the soil samples were analyzed for total petroleum hydrocarbons (TPH) as diesel using EPA Method 3550 and GCFID, for TPH as gasoline using EPA Method 5030 and GCFID, and for benzene, toluene, ethylbenzene, and xylenes using a modified EPA Method 8020. Samples from the tank excavation area were also analyzed for total lead using EPA Method 7421. Analytical results of the soil samples are summarized on Figure 2. Copies of the laboratory analytical report and chain of custody record are included in Appendix B.

Analytical results indicate that the two soil samples from immediately beneath the storage tank each contained 12,000 mg/kg diesel. These samples also contained 720 mg/kg and 2000 mg/kg purgeable petroleum hydrocarbons reported as gasoline; however, the laboratory noted that the reported gasoline concentrations were primarily due to the presence of a heavier petroleum product, possibly diesel. The two soil samples removed from the bottom of the excavated area at depths of approximately 9 and 10 feet contained 29 and 31 mg/kg diesel respectively. None of the samples contained detectable concentrations of benzene. Sample 5 contained concentrations of toluene (11 mg/kg), ethylbenzene (7 mg/kg) and xylenes (39 mg/kg), and sample 4 contained 1.3 mg/kg xylenes. Total lead detected in these samples ranged from 5.2 to 13.8 mg/kg. Soil samples removed from beneath the supply pipe contained a heavier than diesel petroleum hydrocarbon, possible motor oil, at concentrations of 240, 380, and 1400 mg/kg. These results are summarized in Figure 2.

4.0 SUMMARY

One 550-gallon underground diesel storage tank was removed from the site and disposed of

by a licensed hazardous waste transportation company under a hazardous waste manifest. Observation of the tank upon removal indicated that it had numerous corrosion holes, up to 1/4-inch diameter in size, along its bottom and sides. Soil beneath the tank had a strong petroleum odor and elevated concentrations of diesel. Approximately 5 cubic yards of petroleum hydrocarbon-affected soil in the immediate area of the tank was removed and stockpiled on site. Soil beneath the supply pipe, which contained elevated concentrations of motor oil, was left in place. The excavation was subsequently backfilled with imported sand and native soil, compacted, and resurfaced with asphalt to match existing conditions.

Based on conditions observed during tank removal, the MHFD representative issued a memorandum stating that the MHFD will require installation of at least one groundwater monitoring well at the site and initiation of a quarterly groundwater monitoring program. The MHFD must receive a work plan before further investigation, including installation of a monitoring well, takes place. A copy of the memorandum is included in Appendix A.

5.0 RECOMMENDATIONS

The analytical results of the soil samples from the tank excavation indicate that petroleum hydrocarbons have been released into soil in the immediate vicinity of the tank. Therefore, it is recommended that a work plan be developed to address regulatory requirements.

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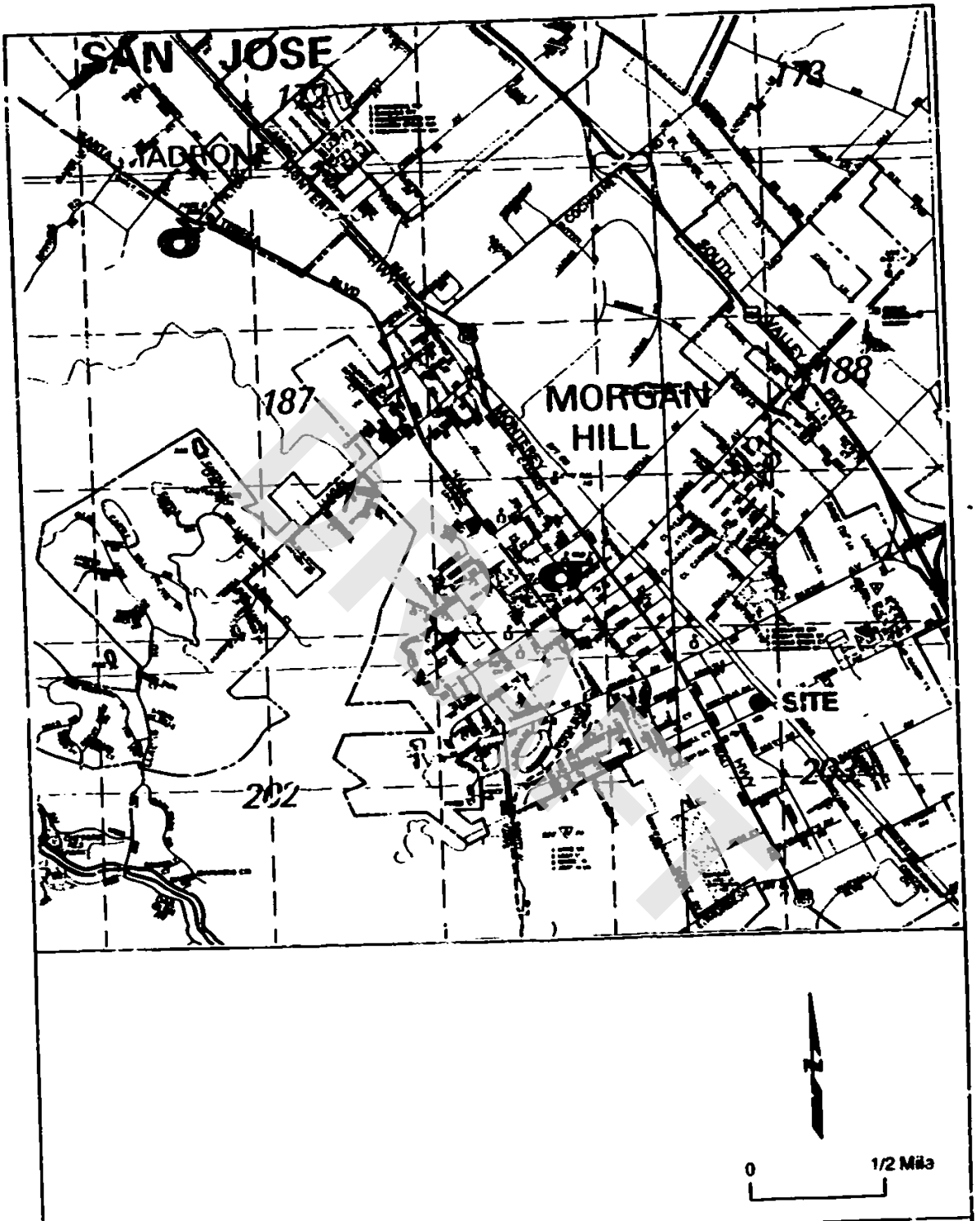
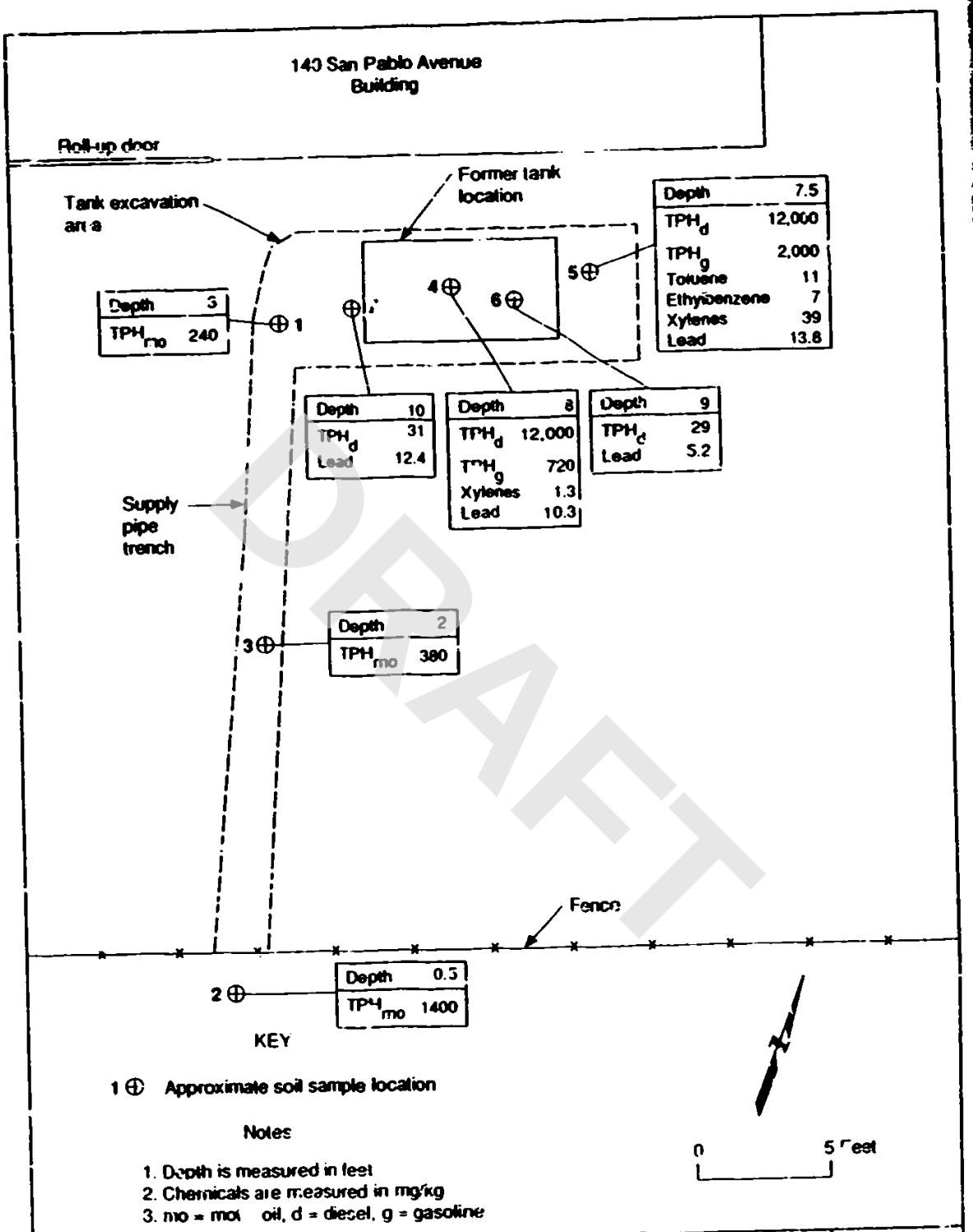


GEOMATRIX

SITE LOCATION MAP
140 San Pablo Avenue
Morgan Hill, California

Figure
1

Project No.
1949



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GEOMATRIX

TANK EXCAVATION AND SOIL SAMPLE LOCATIONS
140 San Pablo Avenue
Morgan Hill, California

Figure 2

Project No. 1949

GEOMATRIX

APPENDIX A

PERMIT, HAZARDOUS WASTE MANIFEST, CERTIFICATE OF DISPOSAL, AND MHFD MEMORANDUM

DRAFT

COMMUNITY DEVELOPMENT DEPARTMENT
BUILDING DIVISION

FOR APPLICANT TO FILL IN
WITH BALL POINT PEN ONLY

City of Morgan Hill

PERMIT NUMBER

APPLICATION & PERMIT — BUILDING – ELECTRICAL / PLUMBING – MECHANICAL

BUILDING ADDRESS: 140 SAN Pedro AVE — APN 817-02-026
LOT NO. / TRACT
SIZE OF LOT / NO. OF BLOCKS / NO. ON LOT
USE OF EXISTING BLDG.
OWNER: Red TREE Properties
MAIL ADDRESS: P.O. Box 1041
CITY: SANTA Cruz, CA — TEL NO. 422-1900
CONTRACTOR: Trumpp Bros. Eng. & Const. — TEL NO. 297-0820
ADDRESS: 540 Industrial AVE
STATE LIC. NO. 324079 — CITY SAN Jose CA. 95112
ARCHITECT OR ENGINEER — TEL NO. — STATE LIC. NO.
ADDRESS

BUILDING PERMIT INFORMATION — Const. Type — Group
DESCRIPTION OF WORK: NEW ADD ALTER REPAIR DEMOLISH
SQ. FT. / NO. OF STORIES / NO. OF FAMILIES
USE OF STRUCTURE
DESCRIPTION OF WORK: TANK REMOVAL & GRADING
VALUATION: —0— — FEE: 215.00

APPROVALS

	DATE	INSPECTOR'S INIT.
FINAL		

Signature of final on building permit indicates approval of certificate of occupancy.
Job card shall be posted on the job at all times of inspection to make the required entries thereon.

FIRE DEPT. | HEALTH DEPT. | LANDSCAPING | PLANNING | PUBLIC WORKS | APPROVALS PLANNING | APPROVALS PUBLIC WORKS

Distribution: White-Inspection Record Green-Permittee Canary-Finance Department Pink-Interim Record Goldenrod-Assessor

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.
License Class: A — Lic. number: 324079
Date: 7-30-91 — Contractor: Const. Eng. & Const.

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code or that he is exempt therefrom, and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.):

I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds, improves, or repairs thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of selling.):

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds, or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

I am exempt under Sec. _____ B.&P.C. for this reason: _____

Owner: _____ Date: _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker' Compensation Insurance, or a certificate from my insurer (Sec. 3800, Lab. C.).
Policy No. 79376 — Company: TIK Co. of Hartford
Certificate of Consent to self-insure No. _____
Certificate of Worker's Compensation Insurance No. _____
Attach copy of certificate.
Address: _____ By: [signature]

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)
I certify that in the performance of the work for which this permit is issued, I shall not employ any persons in any manner so as to become subject to the Workers' Compensation Laws of California.
Date: _____ Applicant: _____
NOTICE TO APPLICANT: If after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).
Lender's name: None
Lender's address: _____
I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.
Signature of Applicant or Agent: [signature] — Date: 10-15-91

ITEM		NUMBER	EACH	FEE
OUTLETS	LTG / REC / SW		$	$
LIGHTING FIXTURES				
ELEC. RANGES / CLO. DRYERS				
WATER HEATERS				
DISHWASHERS	GARBAGE			
AUTO. WASHERS	DISPOSALS			
MOTORS OVER	HP.			
0 - 1				
1 - 10				
10 - 50				
50 - 100				
100 - OVER				
MISC.				
FLAT FEE PAID				
TEMP POWER				
SERVICE	AMPS			
TEMP POLE				
WORKING PERMIT				
TOTAL FEE				$

NO.	ITEM	NO.	ITEM
	WATER CLOSET		LAUNDRY TUB
	BATH TUB		CLOTHES WASHER
	SHOWER		DISPOSER
	LAVATORY		FLOOR DRAIN
	SINK		FLOOR SINK
	DISHWASHER		DRINKING FOUNTAIN
			FEE
	TOTAL		$

NO.	MISCELLANEOUS ITEMS	
	HOUSE SEWER	
	WATER HEATER	
	WATER SYSTEM	
	WATER SOFTENER	
	LAWN SPRINKLER	
	GAS SYSTEM	
	ADDITIONAL OUTLETS	
	PERMIT	
	TEMP GAS METER	
	TOTAL FEE	$

MECHANICAL PERMIT

NO.	TYPE OF EQUIPMENT		PERMIT FEE
	CENTRAL HEAT – B.T.U.	IN EACH	$
	GRAVITY SYSTEMS – B.T.U.	IN EA.	
	FLOOR FURNACES – B.T.U.	IN EA.	
	WALL HEATERS – B.T.U.	IN EA.	
	UNIT HEATERS – B.T.U.	IN EA.	
	BOILERS – H.P.	EA.	
	AIR COND. UNITS – H.P.	EA.	
	REFRIGERATION UNITS – H.P.	EA.	
	EVAPORATIVE COOLERS		
	VENTILATION FAN		
	AIR HANDLING UNIT – C.F.M.		
	RANGE HOOD/SMOKE HOOD		
	HEAT PUMP		
		PERMIT	$
		TOTAL FEE	$

FEE SUMMARY

BUILDING GRADING	15 –
~~ENGINEERING~~ HAZ MAT	200 –
MICROFILM	
ELECTRIC	
PLUMBING	
MECHANICAL	
TOTAL	215 –

FIRE SPRINK Y O N O
ENERGY T-24 Y O N O

PERMIT VALIDATION
215.00
Cx 10/15/91

INSPECTION DATE

BLDG.	ELECT.	PLB.	MECH.
X			

PERMIT EXPIRES IF WORK IS NOT STARTED WITHIN 180 DAYS OF ISSUANCE OR HAS BEEN SUSPENDED OR ABANDONED FOR 180 DAYS FROM LAST CALLED INSPECTION

20.00 ck
15.00 Cash

•••END•••

State of California—Health and Welfare Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-91)

Back Manifestations OR Back of Page 6
and Front of Page 7

Toxic Substances Control Division
Sacramento, California

Please print or type. Form designed for use on elite (12-pitch typewriter).

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CACD006445840000 — Manifest Document No.:
2. Page 1 of 1
Information in the shaded areas is not required by Federal law

A. State Manifest Document Number: 90281213
B. State Generator's ID:

3. Generator's Name and Mailing Address
REDTREE PROPERTIES
P.O. Box 1041, Santa Cruz, CA 95061
4. Generator's Phone (408) 427-1900

5. Transporter 1 Company Name: H & H Ship Service Company
6. US EPA ID Number: CAD004717111618
7. Transporter 2 Company Name:
8. US EPA ID Number:

C. State Transporter's ID: 200181
D. Transporter's Phone: (415) 543-4835
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address
H & H Ship Service Company
220 China Basin Street
San Francisco, CA 94107
10. US EPA ID Number: CAD004717111618

G. State Facility's ID: CAD004717111618
H. Facility's Phone: (415) 543-4835

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RESIDUE DiESEL TANK NON-RCRA HAZARDOUS WASTE SOLID	001	TP	00550	E	State 512 / EPA/Other
b. RESIDUE ASSOCIATED PIPING NON-RCRA HAZARDOUS WASTE SOLID	005	CY	00050	P	State 513 / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
EMPTY 550 gallon tank last containing diesel.
Tank inerted with dry ice for transport.
RESIDUE ASSOCIATED PIPING.
PROFILE 3A13

K. Handling Codes for Wastes Listed Above
a. 01 b. 01 c. d.

15. Special Handling Instructions and Additional Information
JOB #9466
24 Hr. Emergency Contact: H & H #(415) 543-4835
APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR

JOB SITE: CAMPBELL MOVING COMPANY
140 San Pedro Avenue
Morgan Hill, California

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Mary Sue Philp / Geologist Consultant Agent for Redtree Properties — Signature: Mary Sue Philp — Month Day Year: 11/01/90

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JOSE J. MORENO — Signature: Jose J. Moreno — Month Day Year: 11/01/90

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Month Day Year:

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

DRAFT

Do Not Write Below This Line

DHS 8022 A
EPA 8700-22
(Rev. 6-88) Previous editions are obsolete.

Blue: GENERATOR SENDS THIS COPY TO DOHS WITHIN 30 DAYS
To: P.O. Box 806, Sacramento, CA 95812-0400

ENVIRONMENTAL SERVICES
(DIVISION OF H&H SHIP SERVICE CO., INC.)

220 CHINA BASIN, SAN FRANCISCO, CA 94107 • DAY AND NIGHT: 543-4835

DRAFT

CERTIFICATE OF DISPOSAL

OCTOBER 21, 1991

H & H Ship Service Company hereby certifies to TRUMPP BROTHERS that:

1. The storage tank(s), size(s) ONE (1) 550 GALS.

   removed from the CAMPBELL MOVING COMPANY

   facility at 140 SAN PEDRO AVENUE

   MONGAN HILL, CALIFORNIA

   were transported to H & H Ship Service Company, 220 China Basin St., San Francisco, California 94107.

2. The following tank(s), H & H Job Number 9466

   have been steamed cleaned, cut with approximately 2' X 2' holes, rendered harmless and disposed of as scrap metal.

3. Disposal site: SCHNITZER STEEL, OAKLAND, CALIFORNIA.

4. The foregoing method of destruction/disposal is suitable for the materials involved, and fully complies with all applicable regulatory and permit requirements.

5. Should you require further information, please call (415) 543-4835.

Very Truly Yours,

Cleveland Valley
Operations Coordinator

City of Morgan Hill

00 Old Monterey Road, Morgan Hill, CA 95037

3980

776-7351
(408) ~~779-7231~~
FIRE DEPARTMENT
HAZARDOUS MATERIALS
DIVISION

DATE: 10-16-91

TO: Rettree Prop / Mary Sue P. FROM: Chuck Kellermeier

SUBJECT: 140 San Pedro Ave

Closure report to include:
tank manifest - disposal certificate
lab results for TPH as gas + diesel and EPA 8020
soil sampling map with either scale or exact distance
chain of custody (ours or identical info) depth

Due to tank still having fuel, numerous corrosion holes and soil being visually contaminated and odorous we expect at least one groundwater monitoring well in conformance with the SCVWD "blue book" standards and sampled at least 4 quarters. A workplan must be submitted before drilling.

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GEOMATRIX

APPENDIX B

ANALYTICAL LABORATORY REPORTS AND CHAIN-OF-CUSTODY RECORDS

DRAFT

ANAMETRIX INC
Environmental & Analytical Chemistry
1961 Concourse Drive, Suite E, San Jose, CA 95131
(408) 432-8192 • Fax (408) 432-8198

REPORT

MS. MARY SUE PHILP
GEOMATRIX CONSULTANTS INC.
100 PINE STREET, SUITE 1000
SAN FRANCISCO, CA 94111

Workorder # : 9109161
Date Received : 09/18/91
Project ID : 1949
Purchase Order: N/A

The following samples were received at Anametrix, Inc. for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9109161- 1	#1-PRODUCT

This report consists of 4 pages not including the cover letter, and is organized in sections according to the specific Anametrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anametrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234. A detailed list of the approved fields of testing can be obtained by calling our office, or the DHS Environmental Laboratory Accreditation Program at (415)540-2800.

If you have any further questions or comments on this report, please give us a call as soon as possible. Thank you for using Anametrix.

Sarah Schoen, Ph.D.
Laboratory Manager

10-01-91
Date

DRAFT

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MS. MARY SUE PHILP
GEOMATRIX CONSULTANTS INC.
100 PINE STREET, SUITE 1000
SAN FRANCISCO, CA 94111

Workorder # : 9109161
Date Received : 09/18/91
Project ID : 1949
Purchase Order: N/A
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9109161- 1	#1-PRODUCT	LIQUID	09/18/91	TPHd
9109161- 1	#1-PRODUCT	LIQUID	09/18/91	TPHg

DRAFT

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MS. MARY SUE PHILP
GEOMATRIX CONSULTANTS INC.
100 PINE STREET, SUITE 1000
SAN FRANCISCO, CA 94111

Workorder # : 9109161
Date Received : 09/18/91
Project ID : 1949
Purchase Order: N/A
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- The concentration reported as gasoline for sample #1 PRODUCT is due to the presence of a combination of gasoline and a heavier petroleum product, possibly diesel fuel.

DRAFT

Cheryl Palmer 9/30/91
Department Supervisor Date

Irene Irwin 09-30-91
Chemist Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9109161
Matrix : LIQUID
Date Sampled : 09/18/91

Project Number : 1949
Date Released : 09/30/91

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# #1 PRODUCT -01	Sample I.D.# 21B0919A BLANK
TPH as Gasoline	50	130000000	ND
% Surrogate Recovery		137%	108%
Instrument I.D.		HP21	HP21
Date Analyzed		09/19/91	09/19/91
RLMF		50000	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.
Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

DRAFT

Peni Ferrari 09-30-91
Analyst Date

Cheryl Brown 9/30/91
Supervisor Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS AS DIESEL
ANAMETRIX, INC. (408) 432-8192

Anametrix W.O.: 9109161
Matrix : LIQUID
Date Sampled : 09/18/91
Date Extracted: N/A

Project Number : 1949
Date Released : 09/30/91
Instrument I.D.: HP23

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9109161-01	#1-PRODUCT	09/26/91	25000000	1300000000
23B0926	METHOD BLANK	09/26/91	50000	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 50ug/L.
ND - Not detected at or above the practical quantitation limit for the method.
TPHd - Total Petroleum Hydrocarbons as diesel is determined by GCFID following sample extraction by EPA Method 3510.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

DRAFT

Analyst 10.1.91 Date

Supervisor 10/1/91 Date

County of Santa Clara

Department of Environmental Health

1555 Berger Drive, Suite 300
San Jose, California 95112-2716
(408) 918-3400
www.EHinfo.org

September 10, 2015

John P. Hundley
World Oil Marketing Company
9302 South Garfield Avenue
South Gate, California 90280

Subject: Fuel Leak Site Case Closure at World Oil Marketing Company Station No. 52
16720 Monterey Highway, Morgan Hill, CA
Case No. 04-092, SCVWDID No. 09S3E28L01f

DRAFT

Dear Mr. Hundley:

This letter transmits the enclosed underground storage tank (UST) case closure letter for the subject case in accordance with Chapter 6.75 (Section 25296.10 [g]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, all Local Oversight Programs (LOP) in the State are required to use this case closure letter for UST leak sites. The Santa Clara Valley Water District began transferring the LOP and all cases to the County of Santa Clara Department of Environmental Health (DEH) on July 1, 2004. The County of Santa Clara is responsible for the issuance of the attached closure letter. The case closure summary is also enclosed.

On May 1, 2012 the State Water Resources Control Board adopted Resolution #2012-0016 which established the Low-Threat Underground Storage Tank (UST) Case Closure Policy (LTCP). The policy became effective on August 17, 2012. The policy was created to establish statewide guidelines for closure of UST release sites that pose a low threat. The policy requires oversight agencies to review all cases for potential case closure under this new policy and close all cases that are determined to be eligible. As required by the Resolution, the DEH determined that this case met the LTCP. The attached closure letter and case closure summary confirm the completion of the investigation and cleanup of the reported release at the subject site in accordance with the requirements of the LTCP. The subject fuel leak case is closed.

The data collected at the site and presented in the case closure summary, Section 3, indicates the following conditions were reported at the site at the time of closure:

- Groundwater – 2,400 parts per billion (ppb) Total Petroleum Hydrocarbons as gasoline (TPHg), 83 ppb benzene, 5.2 ppb toluene, 14 ppb ethylbenzene, and 25.2 ppb xylenes.

- Soil - 1,000 parts per million (ppm) TPHg, 0.0079 ppm benzene, 0.0033 ppm toluene, 4.0 ppm ethylbenzene, 6.7 ppm xylenes, and 0.11 ppm Tert-Butyl Alcohol (TBA).

Residual contamination in soil and groundwater remains at the site that could pose an unacceptable risk under certain site development activities such as site grading, excavation, or the installation of water wells. The County and the appropriate planning and building department shall be notified prior to any changes in land

use, grading activities, excavation, and installation of water wells. This notification shall include a statement that residual contamination exists on the property and list all mitigation actions, if any, necessary to ensure compliance with this site management requirement. The levels of residual contamination and any associated site risk are expected to reduce with time. It should be noted that any additional or previously unidentified contamination at this site may require further investigation or cleanup.

If you have any questions regarding the enclosed case closure form, please call Mr. Aaron Costa of the Local Oversight Program at (408) 918-1954. Thank you.

Sincerely,

Jennifer Kaahaaina
Hazardous Materials Program Manager
Site Mitigation Program

Attachments:
1. Case Closure Letter
2. Case Closure Summary

cc/enc: Mr. Wei Liu, Central Coast Regional Water Quality Control Board, (Wnliu@waterboards.ca.gov)
Karl Bowers, The Source Group, (kbowers@thesourcegroup.net)

cc/without enc: City of Morgan Hill, Public Works Department, 17575 Peak Ave., Morgan Hill, CA, 95037
City of Morgan Hill, Building and Fire Prevention, 17575 Peak Ave., Morgan Hill, CA 95037

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County of Santa Clara

Department of Environmental Health

1555 Berger Drive, Suite 300
San Jose, California 95112-2716
(408) 918-3400
www.EHinfo.org

September 10, 2015

John P. Hundley
World Oil Marketing Company
9302 South Garfield Avenue
South Gate, California 90280

Subject: Fuel Leak Site Case Closure at World Oil Marketing Company Station No. 52
16720 Monterey Highway, Morgan Hill, CA
Case No. 04-092, SCVWDID No. 09S3E28L01f

This letter confirms the completion of a site investigation and corrective action for the underground storage tank(s) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code.

Please note that Assembly Bill 358 was adopted on October 1, 2011, and sets a reimbursement deadline. All claims for reimbursement of corrective action costs must be received by the State Cleanup Fund within 365 days of the date of this letter as specified in paragraph (1) of subdivision (l) of Section 25299.57 of the Health and Safety Code. Claims received after this date will not be reimbursed.

Please contact our office if you have any questions regarding this matter.

Sincerely,

Jim Blamey

Jim Blamey
Director

cc: File

DRAFT

County of Santa Clara

Department of Environmental Health
Hazardous Materials Compliance Division
Site Mitigation Program

CASE CLOSURE SUMMARY REPORT[1]
Leaking Underground Fuel Storage Tank (LUFT) Program
In accordance with State Water Resources Control Board Low-Threat UST Case Closure Policy (Resolution 2012-0016)[2]

Date: July 17, 2014

I. AGENCY INFORMATION

Agency Name: County of Santa Clara, Department of Environmental Health	Address: 1555 Berger Drive, #300
City/State/Zip: San Jose, CA 95112	Phone: (408) 918-3400
Responsible Staff Person: Aaron Costa	Title: Hazardous Materials Specialist II

II. CASE INFORMATION

Site Facility Name: World Oil Marketing Company, Station No. 52		
Site Facility Address: 16720 Monterey Highway, Morgan Hill, CA 95037		
RB LUSTIS Case No: 3411	Local Case No: 09S3E28L01f	LOP Case No.: 04-092
URF Filing Date: 4/7/1986	GT Global ID No. T0608502184	APN: 817-01-002
Responsible Parties	Address	Phone Number
World Oil Marketing Company	9302 Garfield Avenue, South Gate, CA. 90280	(562) 928-0100

Tank I.D. No.	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	12,000	Gasoline	Removed	05/17/88
2	12,000	Gasoline	Removed	05/17/88
3	8,000	Gasoline	Removed	05/17/88
4	6,000	Gasoline	Removed	05/17/88
5	300	Waste Oil	Removed	05/17/88
6	20,000	Gasoline	In Place/Active	--
7	12,000	Gasoline	In Place/Active	--
8	12,000	Gasoline	In Place/Active	--
Piping		Gasoline	Removed/Replaced	1988

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Leaking Underground Storage Tanks, Gasoline
Site characterization complete? Yes

[1] This case closure summary report is a summary of site conditions based on data collected at the site and included in the case file. It should be used in conjunction with the complete case file which can be reviewed online as follows: documents submitted prior to April 1, 2014 can be found at http://lustop.sccgov.org/; and documents submitted after April 1, 2014 can be found at http://geotracker.waterboards.ca.gov/

[2] This UST case is being closed as required by the State Water Resources Control Board's Low-Threat Underground Storage Tank Case Closure Policy (LTCP) (Resolution 2012-0016). The LTCP contains general and media-specific criteria for evaluating a case for closure. Case closure is required for cases that satisfy the criteria of the LTCP.

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Monitoring wells installed? Yes	Number: 23	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 7.11'	Lowest Depth: 44.09'	Flow Direction: Generally Easterly
Most Sensitive Current Use: Potential Drinking Water		

Summary of Production Wells in Vicinity: The closest groundwater supply well to the site is Well #09S03E28F001, which is located approximately 680 feet north-northwest (up- to cross-gradient) of the site.	
Are drinking water wells affected? No	Aquifer Name: LLagas Creek Basin
Is surface water affected? No	Nearest SW Name: West Little Llagas Creek, ~ 600 feet to the west of site.
Off-site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? County of Santa Clara, Dept. of Environmental Health and are available on the internet at http://lustop.sccgov.org/ (documents dated prior to 4/1/14) and at http://geotracker.waterboards.ca.gov/ (documents dated after 4/1/14)

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	5 USTs (2 x 12,000; 1 x 8,000; 1 x 6,000; 1 x 300 gallons)	H&H Ship Service, San Francisco, CA	05/17/88
Free Product	5.31 (gallons)	Transported to Demenno Kerdoon, Compton, CA	11/15/02-8/28/06
Soil	650 / 700 (cubic yards)	Transported to Envirosafe Services, Inc., Grandview, ID / Stockpiled on site for treatment by aeration / A portion was re-used as clean fill and the remainder spread over the undeveloped portion of the site property.	05/20/88-05/24/88 / 08/01
Groundwater	12,269,101 (gallons)	Processed through on-site NPDES-permitted GWETS	01/87-05/13/05

Description of Interim Remediation Activities: Impacted soil (approximately 280 cubic yards) was removed from the site during the UST and piping removal/replacement event, which took place in May 1988. Groundwater extraction and treatment (GWET) was conducted at the site from May 1987 to June 1987, February 1995 to September 1997, and August 2000 to May 2005. The GWET system was manually shut down on May 13, 2005 for startup of an oxygen/ozone sparging system (a cumulative total of 12,269,101 gallons was extracted and treated).

Ozone/oxygen sparging (OS) was started at the site in November 2005. The OS system was expanded for additional oxygen sparging and in-well oxygen diffusion in second quarter 2007. (The ozone portion of the system was manually shut down on October 28, 2009 due to equipment malfunctions.) Oxygen sparging was ceased August 2, 2011.

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CONTAMINANT CONCENTRATIONS IN SOIL[1] Please see Attachment 3 for additional information on contaminant locations and concentrations					
	Soil (ppm)			Soil (ppm)	
Contaminant	Max[2]	After[3]	Contaminant	Max[2]	After[3]
TPH (Gas)	8,584 [4]	1,000 [8]	Xylene	810 [5]	6.7 [8]
TPH (Diesel)	NA	NA	Ethylbenzene	42 [6]	4.0 [8]
Benzene	47 [5]	0.0079 [9]	Oil & Grease	700 [7]	NA
Toluene	190 [5]	0.0033 [9]	Heavy Metals	NA	NA
Other (8240/8270)	NA	NA	MTBE TBA	ND 0.11 [9]	ND [10] 0.11 [9]

Notes:

NA = Not Analyzed

ND = Not detected above laboratory detection limits

1. This table presents maximum historical contaminant concentrations in soil and documented contaminant concentrations if confirmation sampling was conducted.
2. The maximum concentration listed is the highest concentration reported for a specific constituent in soil samples collected at the site.
3. After concentrations listed are for soil samples collected after remediation was completed. Samples were collected on November 5, 2012.
4. Soil sample 20 collected from under Northeast dispenser on 5/20/88. Depth not reported.
5. Soil sample MW-2 collected at 19.5 feet below grade on 1/30/86.
6. Soil sample MW-17 collected at 21 feet below grade on 9/28/88.
7. Soil sample 10 collected from under the waste oil tank at 6 feet below grade on 5/18/88.
8. Soil sample CB-4 collected at 20 feet below grade on 11/5/12.
9. Soil sample CB-4 collected at 25 feet below grade on 11/5/12.
10. ND at all locations on 11/5/12.

CONTAMINANT CONCENTRATIONS IN GROUNDWATER[1] Please see Attachment 4 for additional information on contaminant locations and concentrations					
	Water (ppb)			Water (ppb)	
Contaminant	Max[2]	Most Recent	Contaminant	Max[2]	Most Recent
TPH (Gas)	790,000 [3]	2,400 [8]	Xylene	23,000 [5]	25.2 [8]
TPH (Diesel)	NA	NA	Ethylbenzene	6,100 [6]	14 [8]
Benzene	12,000 [4]	83 [8]	Oil & Grease	NA	NA
Toluene	17,000 [5]	5.2 [8]	Heavy Metals	NA	NA
Other (8240/8270)	NA	NA	MTBE TBA	5,860 [10] 2,870 [7]	ND<2 [9] ND<10 [9]

Notes:

NA = Not Analyzed

ND = Not detected above laboratory detection limits

1. This table presents maximum historical contaminant concentrations and most recent contaminant concentrations in groundwater.
2. The maximum concentration listed is the highest concentration reported for a specific constituent in groundwater samples collected at the site.
3. Sample from MW-22 on 5/29/87.
4. Sample from MW-11 on 3/30/90.
5. Sample from MW-2 on 2/1/86.
6. Sample from MW-11 on 3/30/90.
7. Sample from MW-16 on 3/23/98.
8. Sample from MW-15 on 11/20/12.
9. All wells on 11/20/12.
10. Sample from MW-15 on 12/8/98.

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IV. CLOSURE

State Water Resources Control Board (SWRCB) Resolution #2012-016 established the Low-Threat Underground Storage Tank Case Closure Policy (Low Threat Closure Policy). This agency is required by the SWRCB to close cases which meet the criteria established in the Low Threat Closure Policy.

Do the site conditions meet the criteria established in the Low Threat Closure Policy? Yes.

Site Management Requirements:

The Site is currently an operating retail gas station containing four double-walled fiberglass underground storage tanks (USTs) located in the northwestern portion of the site, two product dispenser islands (under canopy) on the west-central portion of the site, and a station building located on the east-central portion of the site. The ground surface near the USTs and dispenser islands is covered with concrete, and the remaining portions of the retail facility are paved with asphaltic concrete. Driveway easements are present on the south and west boundaries of the site. The eastern margin of the site is vacant, fenced and has no surface pavement.

Residual contamination both in soil and groundwater remains at the site that could pose an unacceptable risk under certain site development activities such as, but not limited to, site grading, excavation, or the installation of water wells. Therefore, the impact of the disturbance of any residual contamination or the installation of water well(s) in the vicinity of the residual contamination shall be assessed and appropriate action taken so that there is no significant impact to human health, safety, or the environment. This could necessitate additional sampling, health risk assessment, and mitigation measures. DEH and the appropriate planning and building department shall be notified prior to any changes in land use, grading activities, excavation, and installation of water wells. This notification shall include a statement that residual contamination exists on the property and list all mitigation actions, if any, necessary to ensure compliance with this site management requirement. The levels of residual contamination and any associated site risk are expected to reduce with time.

Should corrective action be reviewed if land use changes? Yes, see site management requirements		
Number of Wells Commissioned: 37	Number of Wells Decommissioned: 1	Number of Wells Retained*: 36
List Enforcement Actions Taken: CAO 86-267		
List Enforcement Actions Rescinded: To be rescinded by Central Coast Regional Baord		

* All wells are to be properly destroyed prior to issuance of the closure letter and associated documents.

V. ADDITIONAL COMMENTS, DATA, ETC.

Site History:

Five USTs were present on site when World acquired the subject property in 1987. Four of the USTs were used for the storage of gasoline and one UST was for used motor oil. The USTs were installed prior to 1984; the exact date of installation is unknown.

Remedial investigations began in January 1986 with the installation of two groundwater monitoring wells (MW-1 and MW-2) by Converse Environmental Consultants California (CECC). After detecting separate phase hydrocarbons in both monitoring wells, World conducted tank, product, and vapor pipeline testing. Leaks were identified, repaired and reported to the California Regional Water Quality Control Board - Central Coast Region (CCRWQCB). A Cleanup and Abatement order (order #86-267) was issued by the

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CCRWQCB on March 25, 1986.

Between April and November 1986, twelve groundwater monitoring wells (MW-3 through MW-14) and one extraction well (PW-1) were installed by CECC. Well PW-1 was later renamed MW-22. Analytical results from samples taken from these groundwater monitoring wells indicated elevated concentrations of total petroleum hydrocarbons as gasoline (TPHg) and benzene in both soil and groundwater.

A groundwater extraction and treatment (GWET) system was installed by CECC in 1986 and began full-time operation in early 1987. Between January 1987 and July 1987, approximately 95,000 gallons of groundwater was extracted and treated through the GWET system.

Beginning in May 1988, the original five USTs were replaced with three new double-walled fiberglass USTs. UST removal activities were conducted by Crown Environmental. During the UST replacement activities, approximately 650 cubic yards (yd^3) of soil were excavated. Approximately 370 yd^3 were treated on site and re-used as backfill, and the remaining 280 yd^3 of soil were removed from the site. During the tank removal activities, monitoring wells MW-1, MW-2, MW-4, MW-5, MW-6, and MW-10 were abandoned due to damage or proximity to the tank excavation.

In August and September 1988, three monitoring wells (M-1, M-2, and M-3) were installed by Ensco Environmental Services, Inc. (EES) to replace the previously abandoned wells. These wells were later renamed MW-15, MW-16, and MW-17, respectively. Analytical results from soil and groundwater samples taken indicated elevated concentrations of TPHg and benzene.

A soil gas survey was conducted at the site by Tracer Research Corporation in August 1990. Based on the results of the 22 soil gas samples analyzed, four off-site groundwater monitoring wells (M4, M5, M6, and M7) were installed by Exceltech, Inc. (Exceltech). These wells were later renamed MW-18, MW-19, MW-20, and MW-21, respectively.

In 1991 and 1992, Blakely Environmental, Inc. conducted quarterly monitoring and sampling and re-numbered the monitoring wells with new sequential numbers. An additional, off-site monitoring well (MW-23) was installed in June 1993.

Beginning in January 1994, Pacific Environmental Group (PEG) installed two extraction wells (EW-1 and EW-2), designed a new GWET system, completed modified permitting, and continuous system operation began on June 1, 1995. An aquifer test was conducted by Groundwater Technology in July 1995 and indicated a sufficient groundwater capture radius.

From November 1996 to January 1999, The Mark Group, Inc. conducted quarterly groundwater monitoring and sampling and operations and maintenance of the GWET system. The GWET system was shut down in the third quarter of 1997 due to rapid activated carbon breakthrough. Through September 30, 1997, an estimated 5,514,291 gallons of groundwater were extracted and treated.

In January 1999, The Source Group, Inc. (SGI) began conducting quarterly groundwater monitoring and sampling, operations and maintenance, and regulatory reporting for the site.

In November 1999, NMWW Incorporated abandoned one groundwater monitoring well (MW-12) and installed a new replacement groundwater monitoring well (MW-24). Soil analytical results from the new well boring were non-detect for all constituents analyzed.

SGI conducted groundwater remediation pilot testing between February and December 1999 which

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included the installation of one air sparge well (TSG-AS-1) and two observation wells (TSG-OW-1 and TSG-OW-2). A report documenting groundwater remediation pilot testing was submitted in April 2000 by SGI. The results of the pilot testing indicated air sparging (AS) as a feasible remedial alternative.

Between July 7 and July 16, 2001, five nested well clusters (TSG-MW-25 through TSG-MW-29) were installed by SGI as part of SGI'S workplan entitled *Workplan for Three-Dimensional Assessment and Definition* dated September 14, 2000.

In July and August 2001, World's construction contractor installed new piping, fuel dispensers, and an additional 20,000 gallon UST west of the three existing USTs. Well MW-17 was properly destroyed at this time. Approximately 700 cubic yards of soil and 180 cubic yards of pea gravel were excavated during the installation activities. Analytical results of samples taken from the excavated soil and pea gravel were non-detect and low, respectively. The excavated soil and pea gravel were re-used as needed, and excess soil was spread over the undeveloped portion (eastern margin) of the site property.

From November 1997 to May 2005 the GWETS operated intermittently due to occasional MtBE and tBA breakthrough and large groundwater fluctuations at the site (10 feet or more) which resulted in occasionally dry to nearly dry pumping wells. The GWETS was shutdown permanently on May 13, 2005 at the start of ozone pilot testing by SGI. From initial start-up by SGI to the end of Quarter 2, 2005, the volume of groundwater extracted and treated by the GWET system was recorded as 6,659,810 gallons. NPDES permit rescission was granted by CCRWQCB on October 13, 2005.

Between December 6 and 10, 2004, SGI installed twelve dual-nested ozone injection wells in the vacant, dirt portion of the site in accordance with the workplan entitled *Remedial Action Plan Addendum for Ozone Sparging* dated June 8, 2004. The ozone sparge (OS) system was installed on May 18, 2005. Startup testing of the ozone sparge system began in May 2005 with continuous operations beginning in November 2005.

SGI submitted a *Final Corrective Action Plan* dated May 23, 2006 which outlined continued OS with the addition of air/oxygen sparging (AS/OS) and oxygen diffusion for expanded treatment of smear zone and vadose zone soils.

On May 1, 2008, SGI properly destroyed off-site wells MW-18 and MW-20 in advance of proposed construction at the well locations.

On October 28, 2009, the ozone sparge system was shut down due to equipment malfunctions and remained offline pending repairs. Due to non-detect dissolved hydrocarbon concentrations in the shallow groundwater (A-zone) wells on the eastern/downgradient margin of the site and trace to non-detect concentrations in the corresponding deeper groundwater (B-zone) wells, the system was left offline. The oxygen/air sparging system continued to operate until August 2, 2011. In total, the ozone system operated for an estimated 11,660 hours between May 2005 and October 2009, and the AS/OS and oxygen diffusion systems together operated, from initial start-up May 2005 through August 2011 when the system was shutdown, an estimated 30,757.6 hours.

On April 8, 2010, SGI properly destroyed damaged, in-street well MW-7 and re-paved the street according to City of Morgan Hill specifications.

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By January 2011, groundwater sample results from site wells had been stable to decreasing for several consecutive monitoring periods, and SGI submitted *Site Closure Request* (dated January 6, 2011) to the SCCDEH. Groundwater sampling at the site was suspended prior to the 2nd Half 2011 sampling event per World's August 1, 2011 *60 Day Rule: Notice of Intent to Proceed with Shutdown of Remediation System and Cessation of Groundwater Monitoring and Sampling*. In response, the SCCDEH letter dated February 16, 2012 required "a site conceptual model (SCM) in order to determine if the site is a closure candidate." Since existing soil analytical data for the site was almost entirely "pre-remediation," SGI prepared a *Work Plan for Closure Borings* (dated March 12, 2012) and submitted an *Extension Request for Site Conceptual Model Report* (dated March 19, 2012). The SCCDEH letter dated June 18, 2012 required various revisions to the workplan which were submitted in SGI's July 27, 2012 *Work Plan Addendum for Closure Borings*. The SCCDEH letter dated August 7, 2012 approved the closure boring work scope and listed the various items to be included in the CSM.

Between November 5 and 7, 2012, SGI directed the installation of soil confirmation borings CB-1 through CB-7. Gasoline Range Organinc (GRO) was detected in 17 of the 83 samples analyzed with concentrations ranging from 0.77 to 1,000 milligrams per kilogram (mg/kg). The highest GRO concentrations were detected in boring CB-4 (Figure 3) with the highest concentrations detected in the 20- foot (1,000 mg/kg), 25-foot (180 mg/kg), and 40-foot bgs (160 mg/kg) samples. The 45- foot bgs sample from CB-4 showed a GRO concentration of 4.1 mg/kg, and the 50- and 55-foot bgs samples were non-detect for GRO. This boring is located in the central portion of the site near the USTs and dispenser islands. Trace benzene and toluene were detected in 1 of the 83 samples analyzed (both from CB-4@25') at a concentrations of 0.0079 mg/kg and 0.0033 mg/kg, respectively. Low ethylbenzene was detected in 5 of the 83 samples analyzed (all from CB-4) with concentrations ranging between 0.022 mg/kg to 4.0 mg/kg (CB-4@20'). Low total xylenes were detected 10 of the 83 samples analyzed with concentrations ranging between 0.059 mg/kg to 6.7 mg/kg (CB-4@20'). No methy; tert butyl ether (MtBE), diisopropyl ether (DIPE), ethyl tert butyl ether (EtBE), teriary amyl methyl ether (tAME), ethylene dibrominde (EDB), and 1,2-dichloroethane (EDC) were detected in any of the 83 samples analyzed. Trace to low concentrations of tBA was detected in 5 of the 83 samples analyzed with concentrations ranging between 0.030 mg/kg to 0.11 mg/kg (CB-4@25'). Results were reported in the Confirmation Boring Assessment and Conceptual Site Model Update, which also included a recommendation for low threat closure.

<u>Considerations and/or Variances:</u>

The site was evaluated against the Low Threat Closure Policy and did not meet the criteria set for the Direct Contact and Outdoor Air Exposure criteria. This is due to a lack of Naphthalene data for shallow soil. Shallow soil samples collected at the site were not reported to have concentrations of Benzene or Ethylbenzene present above the allowable limits presented in the policy.

In the UST Case Closure Review Summary Report (the Report) for the Pilapil ARCO site at 7470 Cerritos Avenue, Stanton, CA (signed by Lisa Babcock, P.G., on February 25, 2013 and adopted by the SWRCB on May 3, 2013), Ms. Babcock concludes that in certain cases naphthalene soil data is not required. The Report states that "...the relative concentration of naphthalene in soil can be conservatively estimated using published relative concentrations of naphthalene and benzene in gasoline. Taken from Potter and Simmons (1998), gasoline mixtures contain 2 percent benzene and 0.25 percent naphthalene. Therefore, benzene can be directly substituted for naphthalene concentrations with a safety factor of eight."

The DEH understands that the UST Cleanup Fund's (USTCUF) position to not require naphthalene soil

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sampling has been accepted by the State Water Resources Control Board and has set a precedent for other agencies who are implementing the policy. The DEH does not necessarily support this interpretation of the policy, however in the interest of consistent implementation of the Low Threat Closure Policy the DEH believes this site meets the USTCUF criteria for sites which do not require naphthalene soil data.

VI. CLOSURE CRITERIA

On May 1, 2012 the State Water Resources Control Board adopted Resolution #2012-0016 which established the Low-Threat Underground Storage Tank Case Closure Policy. The policy became effective on August 17, 2012. The policy was created to establish statewide guidelines for UST release sites that pose a low threat to human health and the environment. The policy required oversight agencies to review all cases against the criteria set forth in the policy for potential case closure and close all cases that are determined to meet all of the criteria listed in the policy.

The Resolution states: State Water Board directs the Regional Water Boards and local agencies, to review all cases in the petroleum UST Cleanup Program using the framework provided in the Policy. This review shall be accomplished within existing budgets and be performed no later than 365 days from the effective date of this Policy.

These case reviews shall, at a minimum, include the following for each UST case:

a. Determination of whether or not each UST case meets the criteria in the Policy or is otherwise appropriate for closure based on a site-specific analysis.

b. If the case does not satisfy the criteria in this Policy or does not present a low threat based upon a site-specific analysis, impediments to closure shall be identified.

c. Each case review shall be made publicly available on the State Water Board's GeoTracker web site in a format acceptable to the Executive Director.

This case has been reviewed against the Low-Threat Underground Storage Tank Case Closure Policy and has been found to meet the criteria for case closure based on the information presented to this office by the Responsible Party, except for the Direct Contact and Outdoor Air Exposure criteria.

The site did not meet the Direct Contact and Outdoor Air Exposure criteria due to a lack of Naphthalene data for shallow soil. Shallow soil samples were not reported to have concentrations of Benzene or Ethylbenzene present above the allowable limits presented in the policy. Please see Attachment 5 for the completed checklist.

Public Participation:

In accordance with the DEH's Public Participation Plan and the State Water Resources Control Board's Low-Threat Underground Storage Tank Case Closure Policy, public notification was made to all identified interested parties. Please see Attachment 6 for information on the public participation notification and response.

Conclusion:
The Department of Environmental Health has reviewed this case against the criteria presented in the State Water Resources Control Board's Low-Threat Underground Storage Tank Case Closure Policy. Based on this review, the residual soil and groundwater contamination at the site appears to meet the criteria established by the SWRCB and therefore the fuel leak investigation case will be closed. The investigation was performed in accordance with state and local guidelines.

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X. LOCAL AGENCY REPRESENTATIVE DATA*

Prepared by: Aaron Costa	Title: Hazardous Materials Specialist II
Signature:	Date: 9/17/14
Reviewed by: Gerald O'Regan	Title: Environmental Health Geologist
Signature:	Date: 9/10/2014
Approved by: Lani Lee	Title: Acting Hazardous Materials Program Manager
Signature:	Date: 9/17/14

*This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions. The attached checklist for the Low-Threat Underground Storage Tank Case Closure Policy was created based upon the general and media specific criteria of the policy. The DEH believes this site meets the criteria established in the policy and in consultation with the responsible party have recommended this case be closed as required by the policy. The file for this case can be reviewed online: documents submitted prior to April 1, 2014 can be found at http://lustop.sccgov.org/; and documents submitted after April 1, 2014 can be found at http://geotracker.waterboards.ca.gov/

Attachments:
1. Site Vicinity Map
2. Site Plan
3. Soil Analytical Data
4. Groundwater Analytical Data
5. Low Threat UST Case Closure Policy Checklist
6. Public Participation

This document and the related Case Closure Letter shall be retained by the lead agency as part of the official site file.

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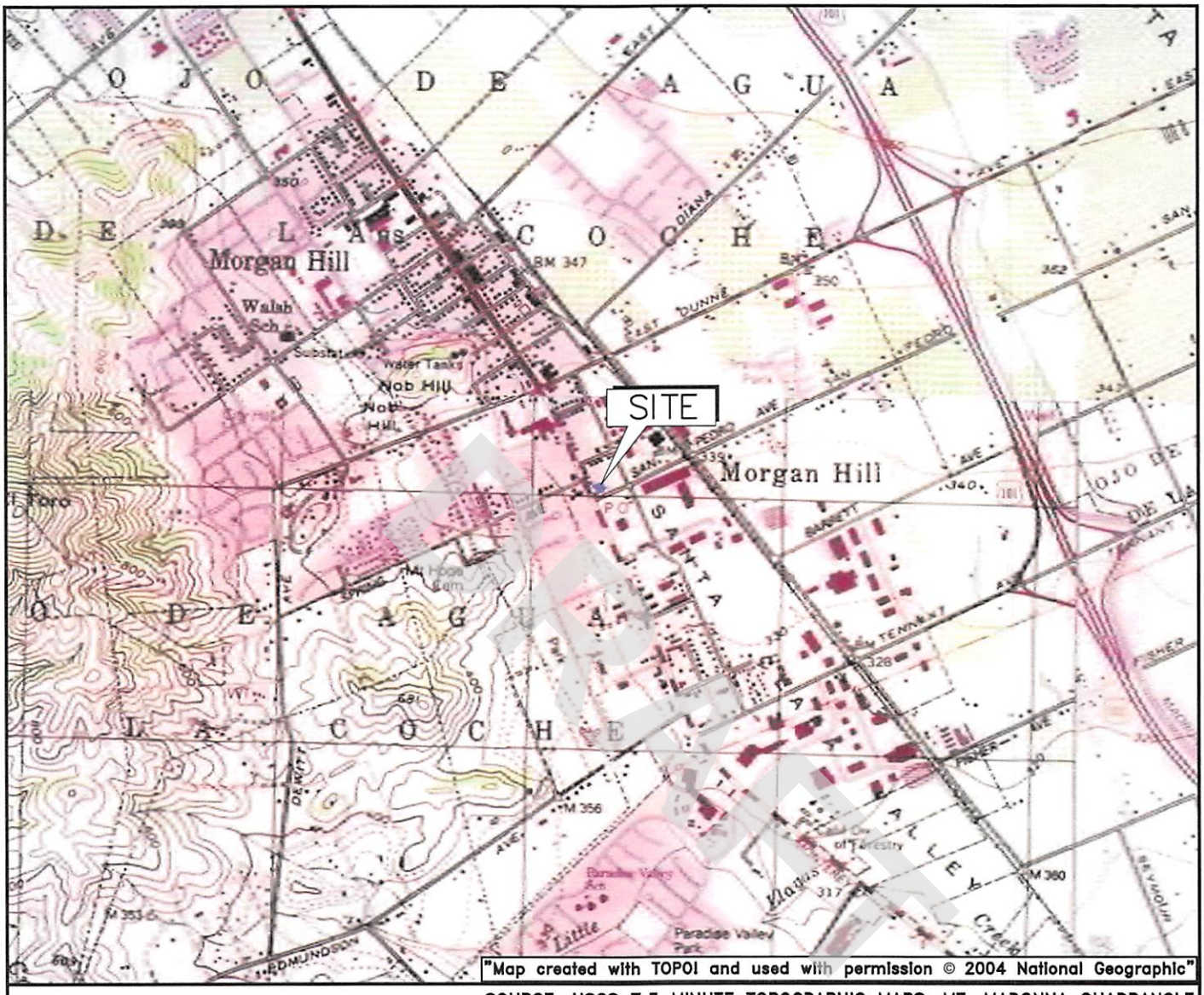
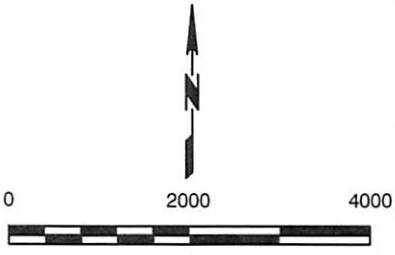


SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAPS, MT. MADONNA QUADRANGLE
PHOTOREVISED 1996

LEGEND



SGI environmental
The Source Group, Inc.
299 West Hillcrest Drive, Suite 220
Thousand Oaks, CA 91360
(805) 373-9063/373-9073 (Fax)

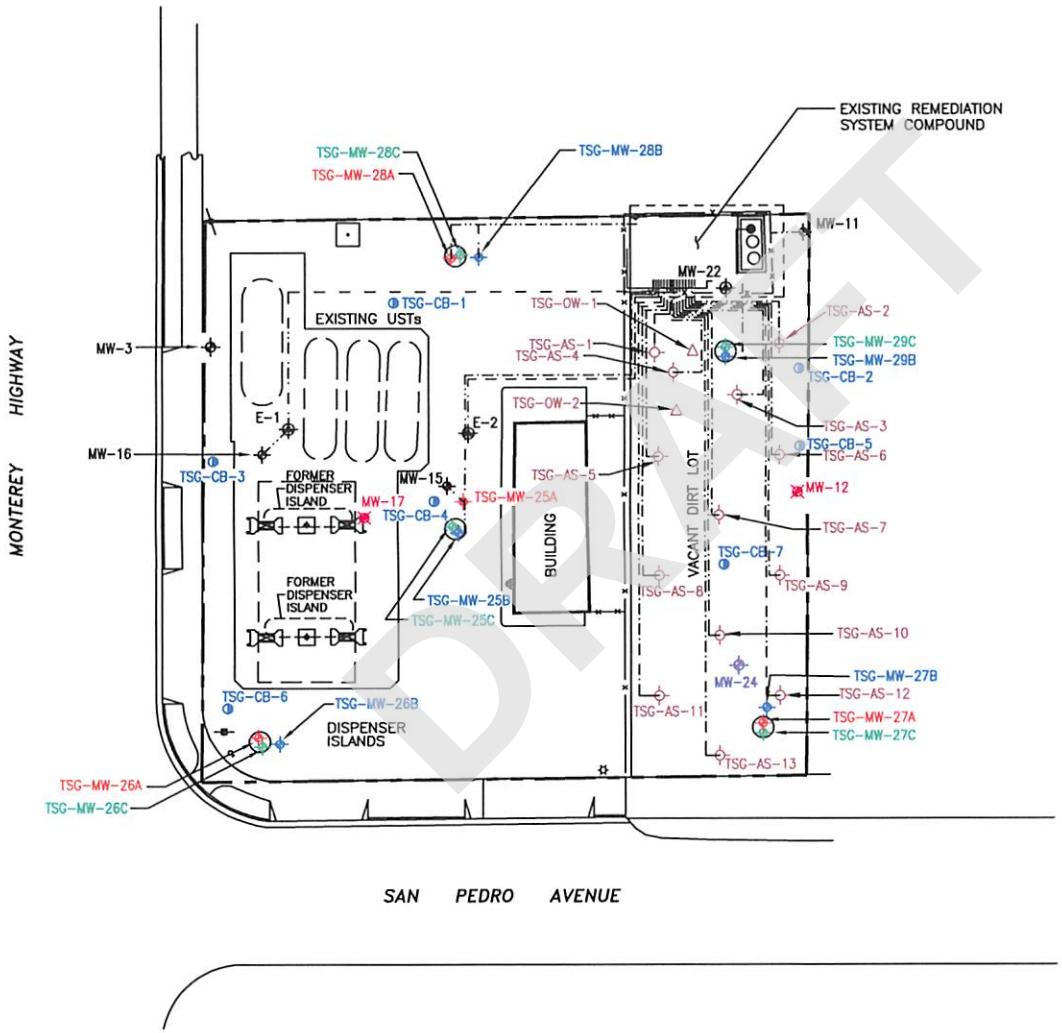
FOR:
WORLD OIL MARKETING COMPANY
STATION NO. 52

16720 MONTERAY HIGHWAY
MORGAN HILL, CALIFORNIA

SITE LOCATION MAP

FIGURE: 1

PROJECT NO:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
02-WM07.052/3	R. ERDMAN	C. NUSSRALLAH	C. NUSSRALLAH	06/2008



GENERAL SITE LEGEND

- SITE PROPERTY LINE
- OZONE DELIVERY PIPING
- OXYGEN DELIVERY PIPING
- A-ZONE MONITORING WELL LOCATION
- B-ZONE MONITORING WELL LOCATION
- A/B-ZONE MONITORING WELL LOCATION
- C-ZONE MONITORING WELL LOCATION
- GROUNDWATER EXTRACTION WELL LOCATION (CURRENTLY USED FOR OXYGEN DIFFUSION)
- ABANDONED GROUNDWATER MONITORING WELL LOCATION
- AIR/OZONE SPARGING WELL LOCATION
- DUAL-NESTED OBSERVATION WELL LOCATION
- NESTED CASINGS IN SAME WELLBORE
- CLOSURE BORING LOCATION

GENERAL SITE NOTE:

1. SOURCE OF MAP: WORLD OIL MARKETING COMPANY.
2. WELLS TSG-AS-1 THROUGH TSG-AS-13 TSG-OW-1, AND TSG-OW-2 ARE NOT SURVEYED, LOCATIONS ARE APPROXIMATE.

ORIGINAL IN COLOR

0 30 60
APPROXIMATE SCALE IN FEET

DATE:	FILE NAME:	PROJECT NO.:
11/2012	W52-PROP-OZ	02-WM12-052

SITE MAP SHOWING CLOSURE BORINGS
WORLD OIL MARKETING COMPANY
STATION No. 52
16720 MONTEREY HIGHWAY, MORGAN HILL, CALIFORNIA

SGI environmental The Source Group, Inc.

FIGURE: 2

U:\WORLD 52\FIGURES\2012\FIG3_W52-PROP-OZ NO COLOR AND CB.DWG

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Table 2
Summary of Historical Soil Analytical Results
(Pre- and During- Remediation)
World Oil Marketing Company
Station No. 52
16720 Monterey Hwy., Morgan Hill, California

Sample Identification	Sample Depth (feet)	Sample Date	EPA Method 8260B											
			TPHg	Benzene	Toluene	Ethyl-Benzene	Xylenes	MtBE	DIPE	EtBE	tAME	tBA	EDB	EDC
Method Detection Limits:			0.5	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.005	0.02	0.005	0.005
MW-1 (1)	9.5, 14.5	1/29/1986	270	ND	11	--	25	--	--	--	--	--	--	--
MW-1	19.5	1/29/1986	998	4.2	4.4	--	32	--	--	--	--	--	--	--
MW-2 (1)	9.5, 14.5	1/30/1986	550	11	14	--	160	--	--	--	--	--	--	--
MW-2	19.5	1/30/1986	3,800	47	190	--	810	--	--	--	--	--	--	--
MW-3	5	1/30/1986	ND	--	--	--	--	--	--	--	--	--	--	--
MW-3	10	1/30/1986	ND	--	--	--	--	--	--	--	--	--	--	--
MW-3	15	1/30/1986	ND	--	--	--	--	--	--	--	--	--	--	--
MW-4	5	4/29/1986	ND	--	--	--	--	--	--	--	--	--	--	--
MW-4	10	4/29/1986	ND	--	--	--	--	--	--	--	--	--	--	--
MW-4	15	4/29/1986	0.48	--	--	--	--	--	--	--	--	--	--	--
MW-5	5	4/29/1986	ND	--	--	--	--	--	--	--	--	--	--	--
MW-5	10	4/29/1986	ND	--	--	--	--	--	--	--	--	--	--	--
MW-5	15	4/29/1986	ND	--	--	--	--	--	--	--	--	--	--	--
MW-6	5	4/30/1986	ND	--	--	--	--	--	--	--	--	--	--	--
MW-6	10	4/30/1986	ND	--	--	--	--	--	--	--	--	--	--	--
MW-6	15	4/30/1986	ND	--	--	--	--	--	--	--	--	--	--	--
MW-7 (1)	6, 11	7/21/1986	ND	ND	ND	--	ND	--	--	--	--	--	--	--
MW-8 (1)	6, 11	7/22/1986	ND	ND	ND	--	ND	--	--	--	--	--	--	--
MW-9 (1)	6, 11	7/23/1986	ND	ND	ND	--	ND	--	--	--	--	--	--	--
MW-10 (1)	6, 11	7/24/1986	ND	ND	ND	--	ND	--	--	--	--	--	--	--
MW-11 (1)	6, 11	7/23/1986	ND	ND	ND	--	ND	--	--	--	--	--	--	--
MW-12 (1)	6, 11	7/23/1986	ND	ND	ND	--	ND	--	--	--	--	--	--	--
MW-15 (1)	10, 15	8/10/1988	250	ND	0.460	0.602	4.171	--	--	--	--	--	--	--
MW-15 (1)	20, 25	8/10/1988	ND	0.078	0.057	0.025	0.122	--	--	--	--	--	--	--
MW-15 (1)	30, 35	8/10/1988	ND	0.028	0.028	0.031	0.120	--	--	--	--	--	--	--
MW-15 (1)	40, 45	8/10/1988	ND	0.065	0.053	0.021	0.123	--	--	--	--	--	--	--
MW-15 (1)	51, 56	8/10/1988	ND	0.059	0.015	ND	ND	--	--	--	--	--	--	--
MW-16 (1)	11, 16	8/11/1988	ND	0.093	0.041	0.023	0.040	--	--	--	--	--	--	--
MW-16 (1)	21, 26	8/11/1988	ND	0.097	0.039	0.055	0.370	--	--	--	--	--	--	--

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			TPHg	Benzene	Toluene	Ethyl-Benzene	Xylenes	MtBE	DIPE	EtBE	tAME	tBA	EDB	EDC
Method Detection Limits:			0.5	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.005	0.02	0.005	0.005
MW-16 (1)	31, 36	8/11/1988	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
MW-16 (1)	41, 46	8/11/1988	ND	ND	25	ND	ND	--	--	--	--	--	--	--
MW-16	51	8/11/1988	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
MW-17	6	9/28/1988	54	ND	0.110	0.081	1.600	--	--	--	--	--	--	--
MW-17	11	9/28/1988	620	0.21	1.50	2.90	18	--	--	--	--	--	--	--
MW-17	16	9/28/1988	3,000	ND	13	13	60	--	--	--	--	--	--	--
MW-17	21	9/28/1988	5,500	30	110	42	280	--	--	--	--	--	--	--
MW-17	26	9/28/1988	1,900	3	6.9	5.9	35	--	--	--	--	--	--	--
MW-17	31	9/28/1988	ND	0.083	0.089	0.029	0.15	--	--	--	--	--	--	--
MW-17	36	9/28/1988	ND	ND	0.023	ND	ND	--	--	--	--	--	--	--
MW-17	41	9/28/1988	ND	ND	0.004	ND	ND	--	--	--	--	--	--	--
MW-17	46	9/28/1988	ND	ND	0.015	ND	ND	--	--	--	--	--	--	--
MW-17	50.5	9/28/1988	ND	ND	0.006	ND	ND	--	--	--	--	--	--	--
MW-18	11	11/19/1990	ND	0.0050	ND	ND	ND	--	--	--	--	--	--	--
MW-18	16	11/19/1990	1.0	ND	ND	ND	ND	--	--	--	--	--	--	--
MW-18	21	11/19/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
MW-18	25.5	11/19/1990	ND	0.0060	ND	ND	ND	--	--	--	--	--	--	--
MW-18	31	11/19/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
MW-18	36	11/19/1990	290	2.5	1.6	1.5	5.3	--	--	--	--	--	--	--
MW-18	45.5	11/19/1990	150	0.62	0.62	0.54	2.0	--	--	--	--	--	--	--
MW-18	46.5	11/19/1990	59	0.60	0.80	0.60	3.3	--	--	--	--	--	--	--
MW-19	11	11/19/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
MW-19	16	11/19/1990	ND	ND	ND	ND	0.0063	--	--	--	--	--	--	--
MW-19	19.5	11/19/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
MW-19	25.5	11/19/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
MW-19	30	11/19/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
MW-19	34.5	11/19/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
MW-19	39.5	11/19/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
MW-19	45	11/19/1990	ND	0.0050	ND	ND	ND	--	--	--	--	--	--	--

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			TPHg	Benzene	Toluene	Ethyl-Benzene	Xylenes	MtBE	DIPE	EtBE	tAME	tBA	EDB	EDC
Method Detection Limits:			0.5	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.005	0.02	0.005	0.005
MW-19	49	11/19/1990	ND	0.0050	ND	ND	ND	--	--	--	--	--	--	--
MW-20	11	11/20/1990	ND	ND	ND	ND	0.015	--	--	--	--	--	--	--
MW-20	16	11/20/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
MW-20	21	11/20/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
MW-20	26	11/20/1990	370	0.20	0.43	1.4	3.1	--	--	--	--	--	--	--
MW-20	31	11/20/1990	ND	0.0062	0.0064	ND	ND	--	--	--	--	--	--	--
MW-20	36	11/20/1990	85	0.13	0.16	0.030	0.13	--	--	--	--	--	--	--
MW-20	41	11/20/1990	160	0.39	0.42	0.34	1.1	--	--	--	--	--	--	--
MW-21	11	11/20/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
MW-21	21	11/20/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
MW-21	31	11/20/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
MW-21	41	11/20/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
MW-21	46	11/20/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
ETSB-1-1	4.5	12/5/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
ETSB-1-2	31	12/5/1990	1.2	ND	ND	ND	ND	--	--	--	--	--	--	--
ETSB-1-3	35.5	12/5/1990	13	0.025	0.013	0.016	0.045	--	--	--	--	--	--	--
ETSB-1-4	40	12/5/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
ETSB-1-5	45.5	12/5/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
ETSB-1-6	50	12/5/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
ETSB-1-7	54.5	12/5/1990	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
MW-23 (2)	19.5-21	6/8/1993	ND	ND	0.016	ND	ND	--	--	--	--	--	--	--
E-1 (2)	15-16.5	1/13/1994	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
E-1 (2)	20-21.5	1/13/1994	430	0.77	0.93	3.1	4.7	--	--	--	--	--	--	--
E-1 (2)	25-26.5	1/13/1994	2,700	6.1	6.4	25	100	--	--	--	--	--	--	--
E-1 (2)	30-31.5	1/13/1994	7	0.14	0.023	0.1	0.15	--	--	--	--	--	--	--
E-1 (2)	35-36.5	1/13/1994	2	0.039	0.019	0.038	0.13	--	--	--	--	--	--	--
E-2 (2)	15-16.5	1/13/1994	790	0.57	2.8	8.8	55	--	--	--	--	--	--	--
E-2 (2)	20-21.5	1/13/1994	100	0.24	0.21	0.42	0.79	--	--	--	--	--	--	--
E-2 (2)	25-26.5	1/13/1994	270	0.8	2.1	4.1	15	--	--	--	--	--	--	--

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			TPHg	Benzene	Toluene	Ethyl-Benzene	Xylenes	MtBE	DIPE	EtBE	tAME	tBA	EDB	EDC
Method Detection Limits:			0.5	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.005	0.02	0.005	0.005
E-2 (2)	30-31.5	1/13/1994	40	0.06	0.07	0.21	0.76	--	--	--	--	--	--	--
E-2 (2)	35-36.5	1/13/1994	3	0.2	0.022	0.072	0.14	--	--	--	--	--	--	--
TSG-MW-25-12.5'	12.5	7/16/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-25-18'	18	7/16/2001	61	ND<0.1	ND<0.1	0.44	0.42	ND<0.1	ND<1.0	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
TSG-MW-25-28'	28	7/16/2001	150	0.51	ND<0.1	0.80	0.38	ND<0.1	ND<1.0	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
TSG-MW-25-36'	36	7/16/2001	1.5	0.006	ND	0.009	0.008	ND	ND	ND	ND	ND	ND	ND
TSG-MW-25-40'	40	7/16/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-25-45'	45	7/16/2001	ND	ND	ND	ND	ND	0.008	ND	ND	ND	ND	ND	ND
TSG-MW-25-49'	49	7/16/2001	ND	ND	ND	ND	ND	0.014	ND	ND	ND	ND	ND	ND
TSG-MW-25-55'	55	7/16/2001	ND	ND	ND	ND	ND	0.031	ND	ND	ND	ND	ND	ND
TSG-MW-25-61'	61	7/16/2001	ND	ND	ND	ND	ND	0.012	ND	ND	ND	ND	ND	ND
TSG-MW-25-66'	66	7/16/2001	ND	ND	ND	ND	ND	0.030	ND	ND	ND	ND	ND	ND
TSG-MW-25-70'	70	7/16/2001	ND	ND	ND	ND	ND	0.008	ND	ND	ND	ND	ND	ND
TSG-MW-26-12.5'	12.5	7/10/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-26-16'	16	7/10/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-26-24'	24	7/10/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-26-29'	29	7/10/2001	44	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.10	ND<0.10	ND<0.10	ND<0.10	1.0	ND<0.10	ND<0.10
TSG-MW-26-32'	32	7/10/2001	150	0.38	ND<0.2	ND<0.2	ND<0.2	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<2.0	ND<0.20	ND<0.20
TSG-MW-26-33'	33	7/10/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-26-40'	40	7/10/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-26-50'	50	7/11/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-26-51'	51	7/11/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-26-55'	55	7/11/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-26-61'	61	7/11/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-26-66'	66	7/11/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-26-70'	70	7/11/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-27-12'	12	7/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-27-21'	21	7/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-27-29'	29	7/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Sample Identification	Sample Depth (feet)	Sample Date	EPA Method 8260B											
			TPHg	Benzene	Toluene	Ethyl-Benzene	Xylenes	MtBE	DIPE	EtBE	tAME	tBA	EDB	EDC
Method Detection Limits:			0.5	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.005	0.02	0.005	0.005
TSG-MW-27-34'	34	7/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-27-39'	39	7/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-27-44'	44	7/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-27-50'	50	7/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-27-55'	55	7/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-27-60.5'	60.5	7/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-27-65'	65	7/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-27-70'	70	7/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-28-13'	13	7/9/2001	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-28-19'	19	7/9/2001	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-28-23'	23	7/9/2001	280	ND<0.5	ND<0.5	2.3	8.7	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<2.5	ND<0.25	ND<0.25
TSG-MW-28-29'	29	7/9/2001	120	0.16	0.13	0.97	2.6	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<2.0	ND<0.20	ND<0.20
TSG-MW-28-33'	33	7/9/2001	ND	0.022	ND	0.007	0.006	ND	ND	ND	ND	ND	ND	ND
TSG-MW-28-42'	42	7/9/2001	ND	0.011	ND	ND	0.006	0.014	ND	ND	ND	ND	ND	ND
TSG-MW-28-50'	50	7/9/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-28-53'	53	7/9/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-28-63'	63	7/9/2001	ND	ND	ND	ND	0.007	ND	ND	ND	ND	ND	ND	ND
TSG-MW-28-67'	67	7/9/2001	ND	ND	ND	ND	0.006	ND	ND	ND	ND	ND	ND	ND
TSG-MW-28-70'	70	7/9/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-29-14'	14	7/12/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-29-21'	21	7/12/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-29-28'	28	7/13/2001	44	ND<0.1	ND<0.1	0.17	0.29	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<1.0	ND<0.10	ND<0.10
TSG-MW-29-32'	32	7/13/2001	390	ND<0.5	ND<0.5	1.8	9.5	ND<0.40	ND<0.40	ND<0.40	ND<0.40	ND<4.0	ND<0.40	ND<0.40
TSG-MW-29-39'	39	7/13/2001	39	ND<0.1	0.20	0.19	1.5	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<1.0	ND<0.1	ND<0.1
TSG-MW-29-45'	45	7/13/2001	270	0.87	10	2.1	16	ND<0.40	ND<0.40	ND<0.40	ND<0.40	ND<4.0	ND<0.40	ND<0.40
TSG-MW-29-47'	47	7/13/2001	140	ND<0.5	1.3	0.78	6.2	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
TSG-MW-29-50'	50	7/13/2001	2.3	0.34	0.079	0.039	0.062	ND	ND	ND	ND	ND	ND	ND
TSG-MW-29-57'	57	7/13/2001	1.7	0.056	0.089	0.013	0.083	0.020	ND	ND	ND	ND	ND	ND
TSG-MW-29-60'	60	7/13/2001	ND	0.089	ND	ND	ND	0.012	ND	ND	ND	ND	ND	ND

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			TPHg	Benzene	Toluene	Ethyl-Benzene	Xylenes	MtBE	DIPE	EtBE	tAME	tBA	EDB	EDC
Method Detection Limits:			0.5	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.005	0.02	0.005	0.005
TSG-MW-29-65'	65	7/13/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-MW-29-70'	70	7/13/2001	ND	ND	ND	ND	ND	0.010	ND	ND	ND	ND	ND	ND
New UST Excavation and Stock Pile														
TP-1-13.5'	13.5	7/20/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TP-1-15.5'	15.5	7/20/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TP-2-13.5'	13.5	7/20/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TP-2-15.5'	15.5	7/20/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TP-3-13.5'	13.5	7/20/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TP-3-15.5'	15.5	7/20/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SP-1 *	NA	7/20/2001	ND	ND	ND	ND	ND<0.002	ND<0.02	--	--	--	--	--	--
SP-2 *	NA	7/20/2001	ND	ND	ND	ND	ND<0.002	ND<0.02	--	--	--	--	--	--
SP-3 *	NA	7/20/2001	ND	ND	ND	ND	ND<0.002	ND<0.02	--	--	--	--	--	--
SP-4 *	NA	7/20/2001	ND	ND	ND	ND	ND<0.002	ND<0.02	--	--	--	--	--	--
SP-5 *	NA	7/20/2001	ND	ND	ND	ND	ND<0.002	ND<0.02	--	--	--	--	--	--
SP-6 *	NA	7/20/2001	ND	ND	ND	ND	ND<0.002	ND<0.02	--	--	--	--	--	--
SP-7 *	NA	7/20/2001	ND	ND	ND	ND	ND<0.002	ND<0.02	--	--	--	--	--	--
Dispenser and Product Line														
PL-1-4'	4	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PL-2-4'	4	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PL-3-3.5'	3.5	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PL-4-3.5'	3.5	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PL-5-3.5'	3.5	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PL-6-3.5'	3.5	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PL-7-3.5'	3.5	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PL-8-3.5'	3.5	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PL-9-3'	3	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PL-10-3'	3	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PL-11-3'	3	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PL-12-3'	3	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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			TPHg	Benzene	Toluene	Ethyl-Benzene	Xylenes	MtBE	DIPE	EtBE	tAME	tBA	EDB	EDC
Method Detection Limits:			0.5	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.005	0.02	0.005	0.005
PL-13-2.5'	2.5	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND	ND
PL-14-2.5'	2.5	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PL-15-2.5'	2.5	8/3/2001	2.2	ND<0.1	0.1	ND<0.1	ND<0.1	2.4	ND<0.1	ND<0.1	ND<0.1	ND<1.0	ND<0.1	ND<0.1
PL-16-2.5'	2.5	8/3/2001	2.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	1.1	ND<0.1	ND<0.1	ND<0.1	ND<1.0	ND<0.1	ND<0.1
PL-17-3'	3	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PL-18-3'	3	8/3/2001	74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PL-19-2'	2	8/3/2001	93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PL-20-2'	2	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DI-1-A-2'	2	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DI-1-B-2'	2	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DI-1-C-2'	2	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DI-1-D-2'	2	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DI-2-A-2'	2	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DI-2-B-2'	2	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DI-2-C-2'	2	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DI-2-D-2'	2	8/3/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
New Offsite Well Installation														
ET-MW-30-16'	16	8/13/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ET-MW-30-26'	26	8/13/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ET-MW-30-35.5'	35.5	8/13/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ET-MW-30-45.5'	45.5	8/14/2002	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
ET-MW-30-61'	61	8/14/2002	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
ET-MW-30-80.5'	80.5	8/14/2002	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
ET-MW-30-100'	100	8/14/2002	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
ET-MW-31-10.5'	10.5	8/12/2002	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
ET-MW-31-15.5'	15.5	8/12/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ET-MW-31-20.5'	20.5	8/12/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ET-MW-31-25.5'	25.5	8/12/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ET-MW-31-30.5'	30.5	8/12/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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			TPHg	Benzene	Toluene	Ethyl-Benzene	Xylenes	MtBE	DIPE	EtBE	tAME	tBA	EDB	EDC
Method Detection Limits:			0.5	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.005	0.02	0.005	0.005
ET-MW-31-40.5'	40.5	8/12/2002	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
ET-MW-31-50.5'	50.5	8/12/2002	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
ET-MW-31-60.5'	60.5	8/12/2002	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
ET-MW-31-80.5'	80.5	8/12/2002	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
ET-MW-31-96'	96	8/12/2002	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
ET-MW-32-15.5'	15.5	8/15/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ET-MW-32-26'	26	8/15/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ET-MW-32-36'	36	8/15/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ET-MW-32-50.5'	50.5	8/15/2002	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
ET-MW-32-76'	76	8/16/2002	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
ET-MW-32-95.5'	95.5	8/16/2002	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
ET-MW-33-20.5'	20.5	8/19/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ET-MW-33-40.5'	40.5	8/19/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ET-MW-33-60.5'	60.5	8/19/2002	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
ET-MW-33-75.5'	75.5	8/19/2002	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
ET-MW-33-95.5'	95.5	8/19/2002	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
TSG-AS-2-25'	25	12/6/2004	6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-2-30'	30	12/6/2004	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-2-35'	35	12/6/2004	1.4	ND	0.0028	0.0087	0.014	ND	ND	ND	ND	ND	ND	ND
TSG-AS-2-45'	45	12/6/2004	20	0.053	0.31	0.16	0.65	0.0097	ND	ND	ND	ND	ND	ND
TSG-AS-2-50'	50	12/6/2004	7.3	0.26	0.26	0.088	0.44	0.036	ND	ND	ND	0.068	ND	ND
TSG-AS-3-25'	25	12/7/2004	240	ND	0.0064	0.18	0.0918	ND	ND	ND	ND	ND	ND	ND
TSG-AS-3-30'	30	12/7/2004	12	ND	0.0029	0.081	0.041	ND	ND	ND	ND	ND	ND	ND
TSG-AS-3-35'	35	12/7/2005	300	ND<0.02	ND<0.02	0.30	0.35	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.05	ND<0.05
TSG-AS-3-40'	40	12/7/2004	140	ND<0.1	0.30	0.43	2.36	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<1	ND<0.25	ND<0.25
TSG-AS-3-45'	45	12/7/2004	5.2	0.11	0.20	0.072	0.32	0.016	ND	ND	ND	ND	ND	ND
TSG-AS-3-50'	50	12/7/2004	810	4.2	19	4.9	41	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<2	ND<0.05	ND<0.05
TSG-AS-4-30'	30	12/6/2004	680	ND<0.02	0.066	0.87	0.741	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.05	ND<0.05
TSG-AS-4-35'	35	12/6/2004	560	ND<0.02	ND<0.02	0.96	1.64	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.05	ND<0.05

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			TPHg	Benzene	Toluene	Ethyl-Benzene	Xylenes	MtBE	DIPE	EtBE	tAME	tBA	EDB	EDC
Method Detection Limits:			0.5	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.005	0.02	0.005	0.005
TSG-AS-4-45'	45	12/6/2004	19	0.0057	0.0097	0.039	0.082	0.0057	ND	ND	ND	ND	ND	ND
TSG-AS-4-50'	50	12/6/2004	440	0.070	0.49	1.0	5.3	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.05	ND<0.05
TSG-AS-5-30'	30	12/7/2004	0.81	ND	ND	0.0044	0.0034	ND	ND	ND	ND	ND	ND	ND
TSG-AS-5-37'	37	12/7/2004	74	ND<0.02	ND<0.02	0.19	0.18	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.05	ND<0.05
TSG-AS-5-40'	40	12/7/2004	140	ND<0.02	ND<0.02	0.51	0.45	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.05	ND<0.05
TSG-AS-5-45'	45	12/7/2004	75	0.17	0.93	0.55	3.4	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.05	ND<0.05
TSG-AS-5-50'	50	12/7/2004	4.6	0.38	1.5	0.11	0.52	0.033	ND	ND	ND	ND	ND	ND
TSG-AS-6-30'	30	12/8/2004	4.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-6-35'	35	12/8/2004	76	ND<0.02	ND<0.02	0.40	0.69	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.05	ND<0.05
TSG-AS-6-40'	40	12/8/2004	140	0.059	0.83	1.5	8.1	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.05	ND<0.05
TSG-AS-6-45'	45	12/8/2004	390	1.9	15	6.5	35	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.05	ND<0.05
TSG-AS-6-50'	50	12/8/2004	3,500	6.0	210	85	450	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.05	ND<0.05
TSG-AS-7-30'	30	12/8/2004	21	ND<0.02	0.29	0.13	0.71	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.05	ND<0.05
TSG-AS-7-35'	35	12/8/2004	130	ND<0.02	0.059	0.44	0.55	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.05	ND<0.05
TSG-AS-7-40'	40	12/8/2004	190	ND<0.02	0.76	1.9	7.7	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.05	ND<0.05
TSG-AS-7-45'	45	12/8/2004	250	0.57	8.4	2.1	15.5	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.05	ND<0.05
TSG-AS-7-50'	50	12/8/2004	ND	0.022	0.0092	0.0038	0.0082	0.0066	ND	ND	ND	ND	ND	ND
TSG-AS-8-30'	30	12/9/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-8-35'	35	12/9/2004	29	ND<0.02	ND<0.02	ND<0.02	ND<0.04	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.5	ND<0.5
TSG-AS-8-45'	45	12/9/2004	640	ND<0.1	0.91	1.1	2.69	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<1	ND<0.25	ND<0.25
TSG-AS-8-50'	50	12/9/2004	3,500	0.95	53	23	158	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<1	ND<0.25	ND<0.25
TSG-AS-9-30'	30	12/9/2004	460	ND<0.02	0.11	0.073	0.44	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.05	ND<0.05
TSG-AS-9-35'	35	12/9/2004	0.86	ND	ND	0.0020	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-9-45'	45	12/9/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-9-50'	50	12/9/2004	ND	ND	ND	ND	ND	0.0072	ND	ND	ND	ND	ND	ND
TSG-AS-10-30'	30	12/10/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-10-35'	35	12/10/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-10-45'	45	12/10/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-10-50'	50	12/10/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 2
Summary of Historical Soil Analytical Results
(Pre- and During- Remediation)
World Oil Marketing Company
Station No. 52
16720 Monterey Hwy., Morgan Hill, California

Sample Identification	Sample Depth (feet)	Sample Date	EPA Method 8260B											
			TPHg	Benzene	Toluene	Ethyl-Benzene	Xylenes	MtBE	DIPE	EtBE	tAME	tBA	EDB	EDC
Method Detection Limits:			0.5	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.005	0.02	0.005	0.005
TSG-AS-10-55'	55	12/10/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-11-25'	25	12/10/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-11-45'	45	12/10/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-11-50'	50	12/10/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-11-57'	57	12/10/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-12-30'	30	12/10/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-12-40'	40	12/10/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-12-45'	45	12/10/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-12-55'	55	12/10/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-12-60'	60	12/10/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-13-30'	30	12/9/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-13-40'	40	12/9/2004	ND	ND	0.0039	ND	0.0058	ND	ND	ND	ND	ND	ND	ND
TSG-AS-13-45'	45	12/9/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-AS-13-55'	55	12/9/2004	9.6	ND	0.016	0.033	0.207	ND	ND	ND	ND	ND	ND	ND
Soil Pile														
TSG-SP-2	NA	12/11/2004	170	0.15	1.6	0.61	3.4	ND	ND	ND	ND	ND	ND	ND
TSG-SP-3	NA	12/11/2004	300	0.35	3.8	2.4	12.1	ND	ND	ND	ND	ND	ND	ND
TSG-SP-4	NA	12/11/2004	7.2	0.0037	0.027	0.073	0.228	ND	ND	ND	ND	ND	ND	ND
TSG-SP-5	NA	12/11/2004	5.2	ND	ND	0.026	0.0448	ND	ND	ND	ND	ND	ND	ND
TSG-SP-6	NA	12/11/2004	470	ND<0.02	0.99	3.5	14.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.2	ND<0.05	ND<0.05
TSG-SP-7	NA	12/11/2004	130	0.0030	0.1	0.19	0.93	ND	ND	ND	ND	ND	ND	ND
TSG-SP-8	NA	12/11/2004	32	ND	0.0027	0.027	0.108	ND	ND	ND	ND	ND	ND	ND
TSG-SP-9	NA	12/11/2004	1.0	ND	ND	ND	0.0028	ND	ND	ND	ND	ND	ND	ND
TSG-SP-10	NA	12/11/2004	0.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSG-SP-11	NA	12/11/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Table 2
Summary of Historical Soil Analytical Results
(Pre- and During- Remediation)
World Oil Marketing Company
Station No. 52
16720 Monterey Hwy., Morgan Hill, California

Sample Identification	Sample Depth (feet)	Sample Date	EPA Method 8260B											
			TPHg	Benzene	Toluene	Ethyl-Benzene	Xylenes	MtBE	DIPE	EtBE	tAME	tBA	EDB	EDC
Method Detection Limits:			0.5	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.005	0.02	0.005	0.005
TSG-SP-12	NA	12/11/2004	ND	ND	0.0030	ND	0.0089	ND	ND	ND	ND	ND	ND	ND
TSG-SP-13	NA	12/11/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

All analytical results presented in milligrams per kilogram (mg/kg).

ND = Not detected above the laboratory method detection limit.

ND<0.1 = Not detected above limit shown.

-- = Not analyzed.

* = Analyzed for gasoline range organics (GRO) by EPA Method 8015M and for BTEX and MtBE by EPA Method 8020.

EDC = 1,2-Dichloroethane

EDB = 1,2-Dibromoethane

MtBE = Methyl tert-Butyl Ether

DIPE = Di-isopropyl Ether

(1) = Composite data: samples collected from two depths and analyzed together.

EtBE = Ethyl tert-Butyl Ether

tAME = tert-Amyl Methyl Ether

tBA = tert-Butanol

TPHg = Total petroleum hydrocarbons as gasoline

(2) = Sample collected using 18" split-spoon sampler.

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Table 1
Soil Analytical Results - Post Remediation
World Oil Marketing Company
Station No. 52
16720 Monterey Hwy., Morgan Hill, California

Sample Identification	Sample Depth (feet)	Sample Date	EPA Method 8260B												
			GRO	Benzene	Toluene	Ethyl-Benzene	Xylenes	MtBE	DIPE	EtBE	tAME	tBA	Ethanol	EDB	EDC
Method Detection Limits:			0.5	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.005	0.02	1.0	0.005	0.005
CB-1@5'	5	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-1@10'	10	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.056	ND<1.0	ND<0.0050	ND<0.0050
CB-1@12'	12	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-1@15'	15	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-1@20'	20	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-1@25'	25	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-1@30'	30	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.080	ND<1.0	ND<0.0050	ND<0.0050
CB-1@35'	35	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-1@40'	40	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-1@45'	45	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-1@50'	50	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-1@55'	55	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-2@5'	5	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-2@10'	10	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-2@13'	13	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-2@15'	15	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-2@20'	20	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-2@25'	25	11/6/2012	8.9	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-2@30'	30	11/6/2012	1.6	ND<0.0020	ND<0.0020	0.0046	0.0060	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-2@35'	35	11/6/2012	0.77	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-2@37'	37	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-2@40'	40	11/6/2012	0.89	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-2@45'	45	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-2@50'	50	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-2@55'	55	11/6/2012	4.1	ND<0.0020	ND<0.0020	0.024	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.060	ND<1.0	ND<0.0050	ND<0.0050

Table 1
Soil Analytical Results - Post Remediation
World Oil Marketing Company
Station No. 52
16720 Monterey Hwy., Morgan Hill, California

Sample Identification	Sample Depth (feet)	Sample Date	EPA Method 8260B												
			GRO	Benzene	Toluene	Ethyl-Benzene	Xylenes	MtBE	DIPE	EtBE	tAME	tBA	Ethanol	EDB	EDC
Method Detection Limits:			0.5	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.005	0.02	1.0	0.005	0.005
CB-3@5'	5	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-3@10'	10	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-3@13'	13	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-3@15'	15	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-3@20'	20	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-3@25'	25	11/5/2012	0.94	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-3@30'	30	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-3@35'	35	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-3@40'	40	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-3@45'	45	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-3@50'	50	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-3@55'	55	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-4@5'	5	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-4@10'	10	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-4@15'	15	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-4@20'	20	11/5/2012	1,000	ND<0.10	ND<0.10	4.0	6.7	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<1.0	ND<50	ND<0.25	ND<0.25
CB-4@25'	25	11/5/2012	180	0.0079	0.0033	0.29	0.2941	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.11	ND<1.0	ND<0.0050	ND<0.0050
CB-4@30'	30	11/5/2012	1.7	ND<0.0020	ND<0.0020	0.0073	0.0088	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-4@35'	35	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-4@40'	40	11/5/2012	160	ND<0.0020	ND<0.0020	0.025	0.0075	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-4@45'	45	11/5/2012	4.1	ND<0.0020	ND<0.0020	0.022	0.0059	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-4@50'	50	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-4@55'	55	11/5/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-5@8'	8	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-5@10'	10	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-5@15'	15	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-5@20'	20	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-5@25'	25	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-5@30'	30	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-5@35'	35	11/6/2012	0.81	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-5@40'	40	11/6/2012	5.6	ND<0.0020	ND<0.0020	ND<0.0020	0.0030	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.030	ND<1.0	ND<0.0050	ND<0.0050

Table 1
Soil Analytical Results - Post Remediation
World Oil Marketing Company
Station No. 52
16720 Monterey Hwy., Morgan Hill, California

Sample Identification	Sample Depth (feet)	Sample Date	EPA Method 8260B												
			GRO	Benzene	Toluene	Ethyl-Benzene	Xylenes	MtBE	DIPE	EtBE	tAME	tBA	Ethanol	EDB	EDC
Method Detection Limits:			0.5	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.005	0.02	1.0	0.005	0.005
CB-5@45'	45	11/6/2012	150	ND<0.10	ND<0.10	ND<0.10	0.12	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<1.0	ND<50	ND<0.25	ND<0.25
CB-5@50'	50	11/6/2012	60	ND<0.10	ND<0.10	ND<0.10	ND<0.20	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<1.0	ND<50	ND<0.25	ND<0.25
CB-5@55'	55	11/6/2012	2.8	ND<0.0020	ND<0.0020	ND<0.0020	0.0297	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-6@5'	5	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-6@10'	10	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-6@12'	12	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-6@15'	15	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-6@20'	20	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-6@22'	22	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-6@25'	25	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-6@30'	30	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-6@32'	32	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-6@35'	35	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-6@37'	37	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-6@40'	40	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-6@45'	45	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-6@50'	50	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-6@52'	52	11/6/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-7@5'	5	11/7/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-7@10'	10	11/7/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-7@15'	15	11/7/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-7@20'	20	11/7/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-7@25'	25	11/7/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-7@30'	30	11/7/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-7@35'	35	11/7/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-7@40'	40	11/7/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-7@45'	45	11/7/2012	43	ND<0.10	ND<0.10	ND<0.10	0.11	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<1.0	ND<50	ND<0.25	ND<0.25

Table 1
Soil Analytical Results - Post Remediation
World Oil Marketing Company
Station No. 52
16720 Monterey Hwy., Morgan Hill, California

Sample Identification	Sample Depth (feet)	Sample Date	EPA Method 8260B												
			GRO	Benzene	Toluene	Ethyl-Benzene	Xylenes	MtBE	DIPE	EtBE	tAME	tBA	Ethanol	EDB	EDC
Method Detection Limits:			0.5	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.005	0.02	1.0	0.005	0.005
CB-7@50'	50	11/7/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050
CB-7@55'	55	11/7/2012	ND<0.50	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0040	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.020	ND<1.0	ND<0.0050	ND<0.0050

Notes:

All analytical results presented in milligrams per kilogram (mg/kg).

8015M and for BTEX and MtBE by EPA Method 8020.

ND = Not detected above the laboratory method detection limit.

ND<0.0050 = Not detected above limit shown.

GRO = Gasoline range organics

EtBE = Ethyl tert-Butyl Ether

tAME = tert-Amyl Methyl Ether

tBA = tert-Butanol

MtBE = Methyl tert-Butyl Ether

DIPE = Di-isopropyl Ether

EDC = 1,2-Dichloroethane

EDB = 1,2-Dibromoethane

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
E-1	05/25/94	–	–	–	–	–	–	–	–	9.7	–	324.12	333.82	–
E-1	08/10/94	–	–	–	–	–	–	–	–	14.05	–	319.77	333.82	–
E-1	11/22/94	–	–	–	–	–	–	–	–	14.60	–	319.22	333.82	–
E-1	03/02/95	–	–	–	–	–	–	–	–		Well Inaccessible			–
E-1	05/24/95	–	–	–	–	–	–	–	–		Well Inaccessible			–
E-1	08/09/95	–	–	–	–	–	–	–	–		Well Inaccessible			–
E-1	11/09/95	–	–	–	–	–	–	–	–	14.85	–	318.97	333.82	–
E-1	02/08/96	–	–	–	–	–	–	–	–	8.07	–	325.75	333.82	–
E-1	05/01/96	–	–	–	–	–	–	–	–	8.53	–	325.29	333.82	–
E-1	08/31/96	–	–	–	–	–	–	–	–	–	–	–	–	–
E-1	12/04/96	–	–	–	–	–	–	–	–	–	–	–	–	–
E-1	03/11/97	–	–	–	–	–	–	–	–	3.61	–	330.21	333.82	–
E-1	06/05/97	1,500	42	18	24	50	550	–	–	6.07	–	327.75	333.82	–
E-1	09/04/97	ND	ND	ND	ND	ND	110	–	–	NA	–	NA	333.82	–
E-1	11/15/97	Well Inaccessible						–	–		Well Inaccessible			–
E-1	06/09/98	590	6.6	8.9	2.9	2.62	3,500	–	–		Could Not Obtain Measurement			–
E-1	09/30/98	1,410	17	0.8	12	36	3,800	–	–		Could Not Obtain Measurement			–
E-1	12/08/98	Well Not Sampled						–	–		Could Not Obtain Measurement			–
E-1	05/11/99	Well Not Sampled						–	–	NM	–	NC	333.01	NM
E-1	08/04/99	Well Not Sampled						–	–	NM	–	NC	333.01	NM
E-1	11/15/99	Well Not Sampled due to pump in well						–	–	NM	–	NC	333.01	NM
E-1	02/08/00	Well Not Sampled due to pump in well						–	–	NM	–	NC	333.01	NM
E-1	05/08/00	1,100	14	2.5	4.8	3.0	20	–	–	7.50	0.00	325.51	333.01	33.10
E-1	08/03/00	1,300	(3.1)	(ND<0.5)	(2.8)	(2.7)	(12)	(ND<0.5)	(ND<0.5)	10.31	0.00	322.70	333.01	33.12
E-1	11/13/00	Not Sampled - Pump in well						–	–	16.25	0.00	316.76	333.01	33.15
E-1	02/09/01	110	(0.74)	(ND<0.5)	(1.1)	(1.6)	(4.2)	(ND<0.5)	(ND<0.5)	19.13	0.00	313.88	333.01	33.15
E-1	05/04/01	ND<100	(2.0)	(ND<0.5)	(1.0)	(3.5)	(4.4)	(ND<0.5)	(ND<0.5)	13.87	0.00	319.14	333.01	33.15
E-1 [2]	09/27/01	5,900	(460)	(90)	(110)	(388)	(35)	(ND<0.5)	(ND<0.5)	32.24	0.00	300.77	333.01	33.15
E-1	11/09/01	2,100	(180)	(27)	(52)	(115)	(30)	(ND<0.5)	–	18.01	0.00	315.00	333.01	33.15
E-1	01/25/02[2]	(400)	(12)	(2.6)	(14)	(21.3)	(2.1)	–	–	13.66	0.00	319.28	332.94	33.15
E-1	05/08/02	(790)	(9.7)	(2)	(8.4)	(10.79)	(2.8)	–	–	14.33	0.00	318.61	332.94	29.97
E-1	07/29/02	Well Not Sampled - Pump Not Running Due to Insufficient Recharge						–	–	23.82	0.00	309.12	332.94	NM
E-1	11/20/02[2]	(1,600)	(73)	(7.6)	(44)	(61.1)	(3.3)	(ND<0.5)	(ND<0.5)	15.29	0.00	317.65	332.94	29.97
E-1	01/13/03[2]	(750)	(29)	(6.0)	(32)	(31)	(3.1)	(ND<0.5)	(ND<0.5)	13.20	0.00	319.74	332.94	33.60
E-1	04/29/03[2]	(650)	(21)	(4.4)	(2.5)	(9)	(ND<2)	(ND<0.5)	(ND<0.5)	10.83	0.00	322.11	332.94	53.35[5]
E-1	7/16/03[2]	(680)	(6.3)	(1.6)	(1.6)	(7.67)	(2.4)	(ND<0.5)	(ND<0.5)	16.21	0.00	316.73	332.94	26.61
E-1	10/13/03[2]	(2,200)	(52)	(5.1)	(27)	(10.1)	(2.4)	(ND<0.5)	(ND<0.5)	18.19	0.00	314.75	332.94	26.61
E-1	01/26/04[2]	(440)	(8.0)	(1.2)	(2.0)	(4.0)	(ND<2)	–	(ND<0.5)	12.71	0.00	320.23	332.94	33.71
E-1	05/18/04	Not Sampled due to Sampling Reduction Plan								9.66	0.00	323.28	332.94	14.87
E-1	08/30/04	Not Sampled due to Sampling Reduction Plan								18.11	0.00	314.83	332.94	NM

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
E-1	11/30/04	Not Sampled due to Sampling Reduction Plan								15.68	0.00	317.26	332.94	NM
E-1	03/01/05[2]	(1,100)	(15)	(2.8)	(8.5)	(12.4)	(ND<2)	(ND<0.5)	(ND<0.5)	6.16	0.00	326.78	332.94	32.06
E-1	05/16/05	Not Sampled due to Sampling Reduction Plan								5.88	0.00	327.06	332.94	NM
E-1	08/30/05	(180)	(1.0)	(ND<0.5)	(0.55)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.63	0.00	324.31	332.94	34.03
E-1	11/30/05	Not Sampled due to Sampling Reduction Plan								11.48	0.00	321.46	332.94	34.05
E-1	03/03/06	(370)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	6.18	0.00	326.76	332.94	32.02
E-1	06/07/06	Not Sampled due to Sampling Reduction Plan								6.45	0.00	326.49	332.94	33.81
E-1	08/29/06	(740)	(0.90)	(ND<0.5)	(1.2)	(1.2)	(ND<2)	(ND<0.5)	(ND<0.5)	8.14	0.00	324.80	332.94	33.70
E-1	11/28/06	Not Sampled due to Sampling Reduction Plan								10.22	0.00	322.72	332.94	33.74
E-1	02/22/07	(580)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.56	0.00	325.38	332.94	34.00
E-1	05/07/07	Not Sampled due to Sampling Reduction Plan								7.96	0.00	324.98	332.94	33.79
E-1	08/08/07	(5,000)	(6.0)	(0.52)	(3.4)	(2.2)	(ND<2)	(ND<0.5)	(ND<0.5)	14.19	0.00	318.75	332.94	33.80
E-1	10/29/07	Not Sampled due to Sampling Reduction Plan								17.20	0.00	315.74	332.94	33.84
E-1	02/27/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	6.15	0.00	326.79	332.94	33.67
E-1	06/09/08	Not Sampled due to Sampling Reduction Plan								11.47	0.00	321.47	332.94	33.84
E-1	09/09/08	(930)	(23)	(1.5)	(6.8)	(4.4)	(2.1)	(ND<0.5)	(ND<0.5)	23.31	0.00	309.63	332.94	33.81
E-1	12/08/08	Not Sampled due to Sampling Reduction Plan								24.78	0.00	308.16	332.94	33.65
E-1	03/25/09	(270)	(20)	(0.81)	(3.7)	(14.8)	(ND<2)	(ND<0.5)	(ND<0.5)	7.36	0.00	325.58	332.94	33.84
E-1	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	332.94	NM
E-1	07/07/09	(230)	(0.71)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.43	0.00	321.51	332.94	33.84
E-1	03/24/10	(100)	(0.89)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	5.76	0.00	327.18	332.94	33.85
E-1	09/22/10	(150)	(2.1)	(ND<0.50)	(0.89)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	7.44	0.00	325.50	332.94	33.85
E-1	02/10/11	(260)	(1.3)	(ND<0.50)	(0.63)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	6.68	0.00	326.26	332.94	33.85
E-2	05/25/94	--	--	--	--	--	--	--	--	9.23	--	324.24	333.47	--
E-2	08/10/94	--	--	--	--	--	--	--	--	13.62	--	319.85	333.47	--
E-2	11/22/94	--	--	--	--	--	--	--	--	14.33	--	319.14	333.47	--
E-2	03/02/95	--	--	--	--	--	--	--	--	Well Inaccessible				--
E-2	08/09/95	--	--	--	--	--	--	--	--	Well Inaccessible				--
E-2	11/09/95	--	--	--	--	--	--	--	--	24.44	--	309.03	333.47	--
E-2	02/08/96	--	--	--	--	--	--	--	--	8.45	--	325.02	333.47	--
E-2	05/01/96	--	--	--	--	--	--	--	--	8.15	--	325.32	333.47	--
E-2	08/31/96	--	--	--	--	--	--	--	--	--	--	--	--	--
E-2	12/04/96	--	--	--	--	--	--	--	--	--	--	--	--	--
E-2	03/11/97	--	--	--	--	--	--	--	--	3.29	--	330.18	333.47	--
E-2	06/05/97	10,000	190	78	250	700	2,600	--	--	6.08	--	327.39	333.47	--
E-2	09/04/97	2,600	1.7	37	1.9	30	600	--	--	17.05	--	327.39	333.47	--
E-2	11/15/97	Well Inaccessible						--	--	--	--	--	--	--
E-2	06/09/98	3,800	110	41	32	41.8	3,000	--	--	4.82	--	328.65	333.47	--
E-2	09/30/98	1,080	1.0	ND	ND	ND	3,930	--	--	8.96	--	324.51	333.47	--

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
E-2	12/08/98	Well Not Sampled						–	–	8.54	–	324.93	333.47	—
E-2	05/11/99	Well Not Sampled						–	–	NM	–	NM	332.68	NM
E-2	08/04/99	Well Not Sampled						–	–	NM	–	NC	332.68	NM
E-2	11/15/99	Well Not Sampled due to pump in well						–	–	NM	–	NC	332.68	NM
E-2	02/08/00	Well Not Sampled due to pump in well						–	–	NM	–	NC	332.68	NM
E-2	05/08/00	16,000	320	26	290	230	640/(590)	–	–	7.10	0.00	325.58	332.68	27.17
E-2	08/03/00	13,000	(240)	(9.2)	(170)	(104.6)	(450)	(ND<0.5)	(ND<0.5)	10.25	0.00	322.43	332.68	27.21
E-2	11/13/00	Not Sampled - Pump in well								22.30	0.00	310.38	332.68	27.20
E-2	02/09/01	4,400	(240)	(26)	(160)	(302)	(780)	(ND<0.5)	(ND<0.5)	15.39	0.00	317.29	332.68	27.20
E-2	05/04/01	2,600	(44)	(6.5)	(41)	(104)	(220)	(ND<5)	(ND<5)	13.78	0.00	318.90	332.68	27.20
E-2 [2]	09/27/01	7,300	(230)	(18)	(210)	(242)	(52)	(ND<5)	(ND<5)	26.00	0.00	306.68	332.68	27.20
E-2	11/09/01	2,300	(86)	(6.6)	(13)	(50.9)	(31)	(0.52)	–	17.38	0.00	315.30	332.68	27.20
E-2	01/25/02 [2]	(2,200)	(150)	(18)	(170)	(230)	(44)	–	–	15.33	0.00	317.29	332.62	27.20
E-2	05/08/02	(4,400)	(96)	(12)	(90)	(101)	(14)	–	–	17.57	0.00	315.05	332.62	25.96
E-2	07/29/02	Well Not Sampled - Pump Not Running Due to Insufficient Recharge								27.12	0.00	305.50	332.62	NM
E-2	11/20/02 [2]	(8,800)	(290)	(42)	(300)	(321)	(20)	(ND<5)	(ND<5)	19.68	0.00	312.94	332.62	26.85
E-2	01/13/03 [2]	(6,900)	(220)	(21)	(270)	(248)	(1,600)	(ND<1)	(ND<1)	18.33	0.00	314.29	332.62	NM
E-2	04/29/03 [2]	(4,300)	(120)	(12)	(150)	(86)	(29)	(ND<2.5)	(ND<2.5)	13.34	0.00	319.28	332.62	NM
E-2	7/16/03 [2]	(4,400)	(100)	(13)	(120)	(83.1)	(23)	(ND<0.5)	(ND<0.5)	20.70	0.00	311.92	332.62	26.95
E-2	10/13/03 [2]	(5,000)	(87)	(8.5)	(73)	(30.3)	(9.4)	(ND<0.5)	(ND<0.5)	NM	0.00	NC	332.62	NM
E-2	01/26/04 [2]	(4,100)	(80)	(6.8)	(77)	(28)	(37)	(ND<0.5)	(ND<0.5)	NM	0.00	NC	332.62	NM
E-2	05/18/04	Not Sampled due to Sampling Reduction Plan								19.57	0.00	313.05	332.62	NM
E-2	08/30/04	Not Sampled due to Sampling Reduction Plan								18.71	0.00	313.91	332.62	NM
E-2	11/30/04	Not Sampled due to Sampling Reduction Plan								16.05	0.00	316.57	332.62	NM
E-2	03/01/05 [2]	(2,000)	(11)	(3.6)	(13)	(18.5)	(2.5)	(ND<0.5)	(ND<0.5)	6.40	0.00	326.22	332.62	28.90
E-2	05/16/05	Not Sampled due to Sampling Reduction Plan								6.00	0.00	326.62	332.62	NM
E-2	08/30/05	(580)	(7.3)	(0.68)	(0.78)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.65	0.00	323.97	332.62	28.92
E-2	11/30/05	Not Sampled due to Sampling Reduction Plan								11.50	0.00	321.12	332.62	28.92
E-2	03/03/06	(450)	(5.4)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	6.25	0.00	326.37	332.62	28.85
E-2	06/07/06	Not Sampled due to Sampling Reduction Plan								6.52	0.00	326.10	332.62	28.71
E-2	08/29/06	(1,300)	(53)	(2.2)	(14)	(18.2)	(2.3)	(ND<0.5)	(ND<0.5)	8.17	0.00	324.45	332.62	28.48
E-2	11/28/06	Not Sampled due to Sampling Reduction Plan								10.35	0.00	322.27	332.62	28.59
E-2	02/22/07	(2,900)	(60)	(3.1)	(12)	(14.5)	(2.8)	(ND<0.5)	(ND<0.5)	7.60	0.00	325.02	332.62	28.92
E-2	05/07/07	Not Sampled due to Sampling Reduction Plan								7.94	0.00	324.68	332.62	28.68
E-2	08/08/07	(2,800)	(32)	(2.1)	(6.1)	(8.6)	(ND<2)	(ND<0.5)	(ND<0.5)	14.28	0.00	318.34	332.62	28.60
E-2	10/29/07	Not Sampled due to Sampling Reduction Plan								16.46	0.00	316.16	332.62	28.62
E-2	02/27/08	(ND<100)	(6.8)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	6.07	0.00	326.55	332.62	28.42
E-2	06/09/08	Not Sampled due to Sampling Reduction Plan								11.29	0.00	321.33	332.62	28.61
E-2	09/09/08	(2,200)	(38)	(4.2)	(6.8)	(6.2)	(3.2)	(ND<0.5)	(ND<0.5)	22.20	0.00	310.42	332.62	28.70
E-2	12/08/08	Not Sampled due to Sampling Reduction Plan								24.42	0.00	308.20	332.62	28.50

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Table 3
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World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
E-2	03/25/09	(ND<100)	(0.75)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.92	0.00	324.70	332.62	28.67
E-2	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	332.62	NM
E-2	07/07/09	(490)	(13)	(0.53)	(2.8)	(1.2)	(ND<2)	(ND<0.5)	(ND<0.5)	11.33	0.00	321.29	332.62	28.70
E-2	03/24/10	(130)	(4.6)	(ND<0.50)	(2.4)	(12.5)	(ND<2.0)	(ND<0.50)	(ND<0.50)	5.63	0.00	326.99	332.62	28.84
E-2	09/22/10	(280)	(3.9)	(ND<0.50)	(1.1)	(2.4)	(ND<2.0)	(ND<0.50)	(ND<0.50)	7.34	0.00	325.28	332.62	28.87
E-2	02/10/11	(720)	(4.6)	(ND<0.50)	(2.7)	(5.6)	(ND<2.0)	(ND<0.50)	(ND<0.50)	6.61	0.00	326.01	332.62	28.89
MW-1	02/01/86	44,000	3,000	3,800	–	9,000	–	–	–	–	–	–	–	–
MW-1	05/01/86	28,000	2,000	1,500	–	4,500	–	–	–	–	–	–	–	–
MW-1	07/01/86	7,300	730	300	–	2,400	–	–	–	–	–	–	–	–
MW-1	05/22/87	29,000	810	890	–	2,300	–	–	–	–	–	317.62	–	–
MW-1	11/16/87	Separate-Phase Hydrocarbons						–	–	–	–	306.18	–	–
MW-1	12/23/87	Separate-Phase Hydrocarbons						–	–	–	–	311.42	–	–
MW-1	01/20/88	Separate-Phase Hydrocarbons						–	–	–	–	310.76	–	–
MW-1	02/17/88	Separate-Phase Hydrocarbons						–	–	–	–	305.31	–	–
MW-1	05/19/88	Well Abandonec[3]						–	–		Well Abandoned			–
MW-2	02/01/86	120,000	7,900	17,000	–	23,000	–	–	–	–	–	–	333.00	–
MW-2	05/01/86	79,000	5,400	9,400	–	12,000	–	–	–	–	–	–	333.00	–
MW-2	07/01/86	31,000	4,600	8,500	–	15,000	–	–	–	–	–	–	333.00	–
MW-2	05/22/87	390,000	3,100	5,900	–	13,000	–	–	–	–	–	318.02	333.00	–
MW-2	11/16/87	Separate-Phase Hydrocarbons						–	–	–	–	305.84	333.00	–
MW-2	12/23/87	Separate-Phase Hydrocarbons						–	–	–	–	311.57	333.00	–
MW-2	01/20/88	Separate-Phase Hydrocarbons						–	–	–	–	311.33	333.00	–
MW-2	02/17/88	Separate-Phase Hydrocarbons						–	–	–	–	304.62	333.00	–
MW-2	05/19/88	Well Abandonec[3]						–	–		Well Abandoned			–
MW-3	05/01/86	300	46	2.0	–	8.0	–	–	–	–	–	–	333.00	–
MW-3	07/01/86	ND	ND	ND	–	ND	–	–	–	–	–	–	333.00	–
MW-3	05/19/87	100	150	13	–	18	–	–	–	–	–	317.67	333.00	–
MW-3	11/16/87	–	–	–	–	–	–	–	–	–	–	–	333.00	–
MW-3	12/23/87	19,000	2,500	2,000	–	1,200	–	–	–	–	–	311.34	333.00	–
MW-3	01/20/88	17,000	1,900	1,200	–	700	–	–	–	–	–	312.26	333.00	–
MW-3	02/17/88	ND	400	ND	–	ND	–	–	–	–	–	306.68	333.00	–
MW-3	03/31/89	2,200	28	66	44	140	–	–	–	24.28	–	–	333.00	–
MW-3	06/21/89	1,300	60	36	5.0	990	–	–	–	15.29	–	–	333.00	–
MW-3	09/06/89	Well Dry						–	–	27.33	–	–	333.00	–
MW-3	12/20/89	Well Dry						–	–		Well Dry			–
MW-3	03/30/90	Well Dry						–	–		Well Dry			–
MW-3	06/29/90	2,500	28	9.0	9.0	8.0	–	–	–	24.46	–	–	333.13	–

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-3	09/20/90	480	10	5.0	3.0	5.0	–	–	–	20.38	–	312.75	333.13	–
MW-3	12/20/90	2,500	45	52	18	86	–	–	–	20.95	–	312.18	333.13	–
MW-3	03/21/91	4,000	280	29	130	120	–	–	–	17.94	–	315.19	333.13	–
MW-3	07/11/91	–	–	–	–	–	–	–	–	–	–	–	333.13	–
MW-3	11/01/91	860	71	51	23.4	5.0	–	–	–	27.96	–	305.17	333.13	–
MW-3	04/07/92	240	2.2	1.4	1.4	10	–	–	–	17.10	–	316.03	333.13	–
MW-3	06/22/92	600	4.5	4.5	ND	6.5	–	–	–	23.55	–	309.58	333.13	–
MW-3	09/02/92	400	2.4	ND	ND	ND	–	–	–	24.26	–	308.87	333.13	–
MW-3	12/03/92	–	–	–	–	–	–	–	–	27.34	–	305.79	333.13	–
MW-3	04/28/93	ND	ND	ND	ND	ND	–	–	–	9.58**	–	324.85	334.43**	–
MW-3	06/22/93	93	2.9	2.7	1.6	6.9	–	–	–	9.64**	–	324.79	334.43**	–
MW-3	09/28/93	160	12	1.5	11	8.5	–	–	–	12.24**	–	322.19	334.43**	–
MW-3	12/29/93	ND	ND	ND	ND	ND	–	–	–	12.10**	–	322.33	334.43**	–
MW-3	03/29/94	ND	ND	ND	ND	ND	–	–	–	10.52**	–	323.91	334.43**	–
MW-3	05/25/94	ND	ND	ND	ND	ND	–	–	–	9.47	–	324.36	333.83	–
MW-3	08/11/94	ND	0.4	ND	ND	ND	–	–	–	14.09	–	319.74	333.83	–
MW-3	11/22/94	2,629	ND*	ND	ND	77.2	–	–	–	15.61	–	318.22	333.83	–
MW-3	03/02/95	ND	ND	ND	ND	ND	–	–	–	7.56	–	326.27	333.83	28.00
MW-3	05/24/95	Well Inaccessible						–	–	Well Inaccessible				28.00
MW-3	08/09/95	77	5.1	1.4	1.8	3.2	–	–	–	12.38	–	321.45	333.83	28.00
MW-3	11/09/95	ND	ND	ND	ND	ND	–	–	–	14.80	–	319.03	333.83	28.00
MW-3	02/08/96	ND	ND	ND	ND	ND	ND	–	–	6.38	–	327.45	333.83	28.00
MW-3	05/01/96	ND	ND	ND	ND	ND	ND	–	–	7.64	–	326.19	333.83	28.00
MW-3	08/31/96	ND	ND	ND	ND	ND	ND	–	–	14.50	–	319.33	333.83	28.00
MW-3	12/04/96	ND	ND	ND	ND	ND	ND	–	–	11.48	–	322.35	333.83	28.00
MW-3	03/11/97	ND	ND	ND	ND	ND	ND	(ND)	(ND)	4.43	–	329.40	333.83	28.00
MW-3	06/05/97	ND	ND	ND	ND	ND	ND	–	–	6.90	–	326.93	333.83	28.00
MW-3	09/04/97	ND	ND	ND	ND	ND	ND	–	–	11.48	–	322.35	333.83	28.00
MW-3	11/15/97	ND	ND	ND	ND	ND	ND	–	–	11.18	–	322.65	333.83	28.00
MW-3	03/23/98	ND	ND	ND	ND	ND	83	–	–	3.75	–	330.08	333.83	28.00
MW-3	06/09/98	ND	ND	ND	ND	ND	29	–	–	5.85	–	327.98	333.83	28.00
MW-3	09/30/98	ND	ND	ND	ND	ND	14	–	–	9.79	–	324.04	333.83	28.00
MW-3	12/08/98	ND	ND	ND	ND	ND	ND	–	–	9.26	–	324.57	333.83	28.00
MW-3	03/11/99	Well Not Sampled						–	–	8.39	–	325.44	333.83	27.65
MW-3	05/11/99	Well Not Sampled						–	–	9.89	–	324.09	333.98	27.63
MW-3	08/04/99	Well Not Sampled						–	–	9.47	–	324.51	333.98	27.61
MW-3	11/15/99	100	ND (<0.3)	2.3	0.52	0.7	110	–	–	21.25	0.00	312.73	333.98	27.65
MW-3	02/08/00	Well Not Sampled due to sampling reduction program						–	–	9.88	0.00	324.10	333.98	27.33
MW-3	05/08/00	Well Not Sampled due to sampling reduction program						–	–	10.04	0.00	323.94	333.98	27.30
MW-3	08/03/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<5)	(ND<0.5)	(ND<0.5)	11.21	0.00	322.77	333.98	27.32

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Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-3	11/13/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.85	0.00	321.13	333.98	27.30
MW-3	02/09/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.42	0.00	321.56	333.98	27.28
MW-3	05/04/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.52	0.00	323.46	333.98	27.28
MW-3	09/27/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.53	0.00	314.45	333.98	27.28
MW-3	11/09/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	–	18.65	0.00	315.33	333.98	27.28
MW-3	01/25/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.91	0.00	322.91	333.82	27.28
MW-3	05/08/02	(210)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.63	0.00	323.19	333.82	27.30
MW-3	07/30/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	–	–	19.89	0.00	313.93	333.82	27.30
MW-3	11/18/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.03	0.00	316.79	333.82	27.35
MW-3	01/11/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.91	0.00	324.91	333.82	27.35
MW-3	05/15/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	9.40	0.00	324.42	333.82	27.36
MW-3	07/16/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.12	0.00	320.70	333.82	27.39
MW-3	10/14/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.35	0.00	315.47	333.82	27.39
MW-3	01/27/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.26	0.00	322.56	333.82	27.30
MW-3	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ----------								9.76	0.00	324.06	333.82	27.38
MW-3	08/30/04	---------- Not Sampled due to Sampling Reduction Plan ----------								18.12	0.00	315.70	333.82	27.26
MW-3	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ----------								16.76	0.00	317.06	333.82	27.33
MW-3	03/02/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.03	0.00	326.79	333.82	27.29
MW-3	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ----------								6.87	0.00	326.95	333.82	NM
MW-3	08/29/05	---------- Not Sampled due to Sampling Reduction Plan ----------								9.61	0.00	324.21	333.82	27.52
MW-3	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ----------								12.41	0.00	321.41	333.82	27.52
MW-3	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.24	0.00	326.58	333.82	27.27
MW-3	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ----------								7.38	0.00	326.44	333.82	27.34
MW-3	08/29/06	---------- Not Sampled due to Sampling Reduction Plan ----------								9.11	0.00	324.71	333.82	27.32
MW-3	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ----------								11.21	0.00	322.61	333.82	27.20
MW-3	02/22/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.59	0.00	325.23	333.82	27.27
MW-3	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ----------								8.94	0.00	324.88	333.82	27.28
MW-3	08/06/07	---------- Not Sampled due to Sampling Reduction Plan ----------								14.99	0.00	318.83	333.82	27.28
MW-3	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ----------								17.89	0.00	315.93	333.82	27.27
MW-3	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	6.96	0.00	326.86	333.82	27.07
MW-3	06/09/08	---------- Not Sampled due to Sampling Reduction Plan ----------								12.38	0.00	321.44	333.82	27.27
MW-3	09/08/08	---------- Not Sampled due to Sampling Reduction Plan ----------								24.71	0.00	309.11	333.82	27.35
MW-3	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ----------								23.79	0.00	310.03	333.82	26.97
MW-3	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.19	0.00	325.63	333.82	27.21
MW-3	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	333.82	NM
MW-3	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	333.82	NM
MW-3	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	6.63	0.00	327.19	333.82	27.25
MW-3	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	333.82	NM
MW-3	02/10/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	7.60	0.00	326.22	333.82	27.35

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-4	05/01/86	400	ND	ND	–	14	–	–	–	–	–	–	332.00	–
MW-4	07/01/86	ND	ND	ND	–	ND	–	–	–	–	–	–	332.00	–
MW-4	05/19/87	61,000	2,500	1,100	–	2,600	–	–	–	–	–	319.79	332.00	–
MW-4	11/16/87	–	–	–	–	–	–	–	–	–	–	–	332.00	–
MW-4	12/23/87	43000	5,900	3,200	–	5,800	–	–	–	–	–	311.64	332.00	–
MW-4	01/20/88	66,000	5,500	5,700	–	2,600	–	–	–	–	–	314.60	332.00	–
MW-4	02/17/88	37,500	1,900	500	1,000	4,800	–	–	–	–	–	307.62	332.00	–
MW-4	09/21/88	Well Abandoned						–	–		Well Abandoned			–
MW-4	11/15/97	Well Abandoned						–	–		Well Abandoned			–
MW-5	05/01/86	400	ND	ND	–	14	–	–	–	–	–	–	333.00	–
MW-5	07/01/86	ND	ND	ND	–	ND	–	–	–	–	–	–	333.00	–
MW-5	05/19/87	ND	ND	ND	–	ND	–	–	–	–	–	319.33	333.00	–
MW-5	11/24/87	1,000	48	12	–	34	–	–	–	–	–	307.22	333.00	–
MW-5	12/23/87	ND	ND	ND	–	ND	–	–	–	–	–	312.92	333.00	–
MW-5	01/20/88	ND	ND	ND	–	ND	–	–	–	–	–	317.96	333.00	–
MW-5	02/17/88	ND	ND	ND	–	ND	–	–	–	–	–	307.98	333.00	–
MW-5	09/21/88	Well Abandoned						–	–		Well Abandoned			–
MW-6	05/01/86	31,000	230	1,800	–	2,400	–	–	–	–	–	–	–	–
MW-6	07/01/86	6,300	ND	ND	–	130	–	–	–	–	–	–	–	–
MW-6	05/19/87	ND	ND	ND	–	1.0	–	–	–	–	–	320.33	–	–
MW-6	11/16/87	1,400	220	18	–	96	–	–	–	–	–	308.08	–	–
MW-6	12/23/87	ND	ND	ND	–	ND	–	–	–	–	–	313.22	–	–
MW-6	01/19/88	ND	ND	ND	–	ND	–	–	–	–	–	317.40	–	–
MW-6	02/16/88	3,500	ND	ND	ND	ND	–	–	–	–	–	308.77	–	–
MW-6	09/21/88	Well Abandoned[3]						–	–		Well Abandoned			–
MW-7	07/01/86	ND	ND	ND	–	ND	–	–	–	–	–	–	333.00	–
MW-7	05/29/87	ND	ND	ND	–	ND	–	–	–	–	–	316.98	333.00	–
MW-7	11/16/87	ND	ND	ND	–	ND	–	–	–	–	–	308.66	333.00	–
MW-7	12/22/87	ND	ND	ND	–	ND	–	–	–	–	–	306.92	333.00	–
MW-7	01/19/88	ND	ND	ND	–	ND	–	–	–	–	–	306.91	333.00	–
MW-7	02/16/88	ND	ND	ND	ND	ND	–	–	–	–	–	303.31	333.00	–
MW-7	03/31/89	470	ND	ND	ND	ND	–	–	–	27.15	–	–	333.00	–
MW-7	06/21/89	ND	ND	1.0	ND	ND	–	–	–	24.26	–	–	333.00	–
MW-7	09/06/89	Well Dry						–	–		Well Dry			–
MW-7	12/20/89	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-7	03/30/90	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-7	06/29/90	–	–	–	–	–	–	–	–	–	–	–	–	–

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-7	09/20/90	–	–	–	–	–	–	–	–	–	–	–	332.86	–
MW-7	12/20/90	ND	ND	ND	–	ND	–	–	–	33.20	–	299.66	332.86	–
MW-7	03/21/91	ND	ND	ND	ND	ND	–	–	–	23.94	–	308.92	332.86	–
MW-7	07/11/91	ND	1.3	1.5	ND	0.51	–	–	–	29.53	–	303.33	332.86	–
MW-7	11/01/91	ND	ND	ND	ND	ND	–	(ND<0.5)	(ND<0.5)	35.60	–	297.26	332.86	–
MW-7	04/07/92	ND	ND	ND	ND	4.8	–	–	–	20.51	–	312.35	332.86	–
MW-7	06/22/92	ND	ND	ND	ND	3.0	–	–	–	26.33	–	306.53	332.86	–
MW-7	09/02/92	ND	ND	ND	ND	ND	–	–	–	28.96	–	303.90	332.86	–
MW-7	12/03/92	ND	ND	ND	ND	ND	–	–	–	30.53	–	302.33	332.86	–
MW-7	04/28/93	ND	ND	ND	ND	ND	–	–	–	9.89**	–	324.60	334.49**	–
MW-7	06/22/93	ND	ND	ND	ND	ND	–	–	–	9.69**	–	324.80	334.49**	–
MW-7	09/28/93	ND	ND	ND	ND	ND	–	–	–	14.43**	–	320.06	334.49**	–
MW-7	12/28/93	ND	ND	ND	ND	ND	–	–	–	13.14**	–	321.35	334.49**	–
MW-7	03/29/94	ND	ND	ND	ND	ND	–	–	–	11.30**	–	323.19	334.49**	–
MW-7	05/25/94	ND	ND	ND	ND	ND	–	–	–	9.91	–	323.64	333.55	–
MW-7	08/11/94	ND	ND	ND	ND	ND	–	–	–	16.62	–	316.93	333.55	–
MW-7	11/22/94	3,641	ND*	ND	ND	62	–	–	–	16.05	–	317.50	333.55	–
MW-7	03/02/95	ND	ND	ND	ND	ND	–	–	–	7.50	–	326.05	333.55	37.40
MW-7	05/24/95	ND	ND	ND	ND	ND	–	–	–	7.11	–	326.44	333.55	37.40
MW-7	08/09/95	ND	ND	ND	ND	ND	–	–	–	11.90	–	321.65	333.55	37.40
MW-7	11/09/95	ND	ND	ND	ND	ND	–	–	–	13.45	–	320.10	333.55	37.40
MW-7	02/08/96	ND	ND	ND	ND	ND	ND	–	–	6.36	–	327.19	333.55	37.40
MW-7	05/01/96	ND	ND	ND	ND	ND	ND	–	–	5.45	–	328.10	333.55	37.40
MW-7	08/31/96	ND	ND	ND	ND	ND	ND	–	–	14.50	–	319.05	333.55	37.40
MW-7	12/04/96	ND	ND	ND	ND	ND	ND	–	–	10.82	–	322.73	333.55	37.40
MW-7	03/11/97	ND	ND	ND	ND	ND	6.2	(ND)	(ND)	4.52	–	329.03	333.55	37.40
MW-7	06/05/97	ND	ND	ND	ND	ND	ND	–	–	7.01	–	326.54	333.55	37.40
MW-7	09/04/97	ND	ND	ND	ND	ND	ND	–	–	12.03	–	321.52	333.55	37.40
MW-7	11/15/97	ND	ND	ND	ND	ND	ND	(ND)	(ND)	12.30	–	321.22	333.55	37.40
MW-7	03/23/98	74	ND	ND	ND	ND	103	–	–	3.43	–	330.12	333.55	37.40
MW-7	06/09/98	ND	ND	ND	ND	ND	16	–	–	5.59	–	327.96	333.55	37.40
MW-7	09/30/98	ND	ND	ND	ND	ND	5.2	–	–	10.72	–	322.83	333.55	37.40
MW-7	12/08/98	ND	ND	ND	ND	ND	ND	–	–	9.82	–	323.73	333.55	37.40
MW-7	03/11/99	ND	ND	ND	ND	ND	ND	–	–	8.81	–	324.74	333.55	36.71
MW-7	05/11/99	ND	ND	ND	ND	ND	ND	–	–	10.92	–	322.69	333.61	36.70
MW-7	08/04/99	ND<100	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	–	–	10.90	–	322.71	333.61	36.70
MW-7	11/15/99	ND<100	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	–	–	20.96	0.00	312.65	333.61	36.63
MW-7	02/08/00	ND<100	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	–	–	10.90	0.00	322.71	333.61	36.49
MW-7	05/08/00	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<5	–	–	8.66	0.00	324.95	333.61	36.51
MW-7	08/03/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<5)	–	–	13.87	0.00	319.74	333.61	36.50

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-7	11/13/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.38	0.00	321.23	333.61	36.48
MW-7	02/09/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.21	0.00	322.40	333.61	36.49
MW-7	05/04/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.43	0.00	323.18	333.61	36.49
MW-7	09/27/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.45	0.00	312.16	333.61	36.49
MW-7	11/09/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	--	20.91	0.00	312.70	333.61	36.49
MW-7	01/25/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.84	0.00	322.73	333.57	36.49
MW-7	05/08/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.02	0.00	321.55	333.57	36.89
MW-7	07/30/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	--	--	23.91	0.00	309.66	333.57	36.89
MW-7	11/19/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.54	0.00	315.03	333.57	36.72
MW-7	01/12/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.74	0.00	325.83	333.57	36.45
MW-7	04/30/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.74	0.00	324.83	333.57	36.70
MW-7	07/17/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.11	0.00	318.46	333.57	36.45
MW-7	10/14/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.19	0.00	313.38	333.57	36.70
MW-7	01/28/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.36	0.00	323.21	333.57	36.40
MW-7	05/18/04	Not Sampled due to Sampling Reduction Plan								11.32	0.00	322.25	333.57	36.71
MW-7	08/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.58	0.00	310.99	333.57	36.63
MW-7	11/30/04	Not Sampled due to Sampling Reduction Plan								19.81	0.00	313.76	333.57	36.35
MW-7	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	6.95	0.00	326.62	333.57	36.68
MW-7	05/16/05	Not Sampled due to Sampling Reduction Plan								6.88	0.00	326.69	333.57	NM
MW-7	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.15	0.00	322.42	333.57	36.85
MW-7	11/30/05	Not Sampled due to Sampling Reduction Plan								13.80	0.00	319.77	333.57	36.85
MW-7	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.20	0.00	326.37	333.57	36.66
MW-7	06/07/06	Not Sampled due to Sampling Reduction Plan								7.51	0.00	326.06	333.57	36.65
MW-7	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	9.98	0.00	323.59	333.57	36.65
MW-7	11/28/06	Not Sampled due to Sampling Reduction Plan								12.27	0.00	321.30	333.57	36.58
MW-7	02/22/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.52	0.00	325.05	333.57	36.66
MW-7	05/07/07	Not Sampled due to Sampling Reduction Plan								9.21	0.00	324.36	333.57	36.35
MW-7	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.01	0.00	316.56	333.57	36.62
MW-7	10/29/07	Not Sampled due to Sampling Reduction Plan								18.81	0.00	314.76	333.57	36.65
MW-7	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.95	0.00	325.62	333.57	36.50
MW-7	06/09/08	Not Sampled due to Sampling Reduction Plan								14.20	0.00	319.37	333.57	36.64
MW-7	09/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.06	0.00	308.51	333.57	36.65
MW-7	12/08/08	Not Sampled due to Sampling Reduction Plan								26.01	0.00	307.56	333.57	36.26
MW-7	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	9.48	0.00	324.09	333.57	36.64
MW-7	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	333.57	NM
MW-7	07/07/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	333.57	NM
MW-7	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	6.38	0.00	327.19	333.57	36.66
MW-7	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	333.57	NM
MW-7	--	Well Destroyed April 8, 2010								NA	NA	NA	NA	NA

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-8	07/01/86	6,600	ND	ND	–	290	–	–	–	–	–	–	–	–
MW-8	05/15/87	130	ND	ND	–	5.0	–	–	–	–	–	323.37	–	–
MW-8	11/16/87	Well Paved Over						–	–	Well Paved Over				–
MW-9	07/01/86	ND	ND	ND	–	ND	–	–	–	–	–	–	333.00	–
MW-9	05/15/87	ND	ND	ND	–	ND	–	–	–	–	–	323.83	333.00	–
MW-9	11/16/87	–	–	–	–	–	–	–	–	–	–	–	333.00	–
MW-9	12/22/87	ND	ND	ND	–	ND	–	–	–	–	–	317.02	333.00	–
MW-9	01/19/88	ND	ND	ND	–	ND	–	–	–	–	–	322.86	333.00	–
MW-9	02/17/88	–	–	–	–	–	–	–	–	–	–	–	333.00	–
MW-9	03/31/89	ND	ND	ND	–	ND	–	–	–	15.35	–	–	333.00	–
MW-9	06/21/89	ND	ND	ND	ND	ND	–	–	–	15.50	–	–	333.00	–
MW-9	09/06/89	–	–	–	–	–	–	–	–	–	–	–	333.00	–
MW-9	12/20/89	–	–	–	–	–	–	–	–	27.85	–	–	333.00	–
MW-9	03/30/90	–	–	–	–	–	–	–	–	24.23	–	–	333.00	–
MW-9	06/29/90	–	–	–	–	–	–	–	–	26.10	–	–	333.00	–
MW-9	09/20/90	–	–	–	–	–	–	–	–	31.50	–	301.36	332.86	–
MW-9	12/20/90	ND	ND	ND	ND	ND	–	–	–	16.15	–	316.71	332.86	–
MW-9	03/21/91	ND	ND	ND	ND	ND	–	–	–	9.55	–	323.31	332.86	–
MW-9	07/11/91	–	–	–	–	–	–	–	–	21.70	–	311.16	332.86	–
MW-9	11/01/91	–	–	–	–	–	–	–	–	–	–	–	332.86	–
MW-9	04/07/92	ND	ND	ND	ND	3.4	–	–	–	11.45	–	321.41	332.86	–
MW-9	06/22/92	–	–	–	–	–	–	–	–	17.83	–	315.03	332.86	–
MW-9	09/02/92	Well Dry						–	–	Well Dry				–
MW-9	12/03/92	ND	ND	ND	ND	ND	–	–	–	13.12	–	319.74	332.86	–
MW-9	04/28/93	ND	ND	ND	ND	ND	–	–	–	7.52**	–	326.34	333.86**	–
MW-9	06/21/93	ND	ND	ND	ND	ND	–	–	–	7.76**	–	326.10	333.86**	–
MW-9	09/28/93	ND	ND	ND	ND	ND	–	–	–	10.21**	–	323.65	333.86**	–
MW-9	12/28/93	ND	ND	ND	ND	ND	–	–	–	10.15**	–	323.71	333.86**	–
MW-9	03/29/94	ND	ND	ND	ND	ND	–	–	–	8.35**	–	325.51	333.86**	–
MW-9	05/26/94	ND	ND	ND	ND	ND	–	–	–	8.16	–	325.41	333.57	–
MW-9	08/11/94	ND	ND	ND	ND	ND	–	–	–	12.30	–	321.27	333.57	–
MW-9	11/22/94	ND	ND	ND	ND	ND	–	–	–	12.28	–	321.29	333.57	–
MW-9	03/02/95	ND	ND	ND	ND	ND	–	–	–	6.53	–	327.04	333.57	37.60
MW-9	05/24/95	ND	ND	ND	ND	ND	–	–	–	6.04	–	327.53	333.57	37.60
MW-9	08/09/95	ND	ND	ND	ND	ND	–	–	–	8.30	–	325.27	333.57	37.60
MW-9	11/09/95	ND	ND	ND	ND	ND	–	–	–	10.16	–	323.41	333.57	37.60
MW-9	02/08/96	ND	ND	ND	ND	ND	ND	–	–	5.26	–	328.31	333.57	37.60
MW-9	05/01/96	ND	ND	ND	ND	ND	ND	–	–	6.20	–	327.37	333.57	37.60
MW-9	08/31/96	ND	ND	ND	ND	ND	ND	–	–	9.70	–	323.87	333.57	37.60

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-9	12/04/96	ND	ND	ND	ND	ND	ND	--	--	8.33	--	325.24	333.57	37.60
MW-9	03/11/97	ND	ND	ND	ND	ND	ND	(ND)	(ND)	4.51	--	329.06	333.57	37.60
MW-9	06/05/97	ND	ND	ND	ND	ND	17	--	--	6.12	--	327.45	333.57	37.60
MW-9	09/04/97	ND	ND	ND	ND	ND	ND	--	--	8.70	--	324.87	333.57	37.60
MW-9	11/15/97	ND	ND	ND	ND	ND	ND	--	--	9.42	--	324.15	333.57	37.60
MW-9	03/23/98	ND	ND	ND	ND	ND	ND	--	--	4.16	--	329.41	333.57	37.60
MW-9	06/09/98	ND	ND	ND	ND	ND	94	--	--	5.53	--	328.04	333.57	37.60
MW-9	09/30/98	ND	ND	ND	ND	ND	43	--	--	8.22	--	325.35	333.57	37.60
MW-9	12/08/98	ND	ND	ND	ND	ND	ND	--	--	7.52	--	326.05	333.57	37.60
MW-9	03/11/99	ND	ND	ND	ND	ND	ND	--	--	6.55	--	327.02	333.57	35.91
MW-9	05/11/99	ND	ND	ND	ND	ND	ND	--	--	7.80	--	325.81	333.61	35.90
MW-9	08/04/99	ND<100	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	7.67	--	325.94	333.61	35.96
MW-9	11/15/99	ND<100	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	15.53	0.00	318.08	333.61	35.92
MW-9	02/08/00	ND<100	1.9	ND<0.3	ND<0.3	ND<0.6	470	--	--	7.69	0.00	325.92	333.61	35.32
MW-9	05/08/00	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<5	--	--	6.87	0.00	326.74	333.61	35.34
MW-9	08/03/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<5)	(ND<0.5)	(ND<0.5)	9.84	0.00	323.77	333.61	35.36
MW-9	11/13/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	9.48	0.00	324.13	333.61	35.38
MW-9	02/09/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.77	0.00	324.84	333.61	35.38
MW-9	05/04/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.72	0.00	325.89	333.61	35.38
MW-9	09/27/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.05	0.00	318.56	333.61	35.38
MW-9	11/09/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	--	14.69	0.00	318.92	333.61	35.38
MW-9	01/25/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.71	0.00	325.86	333.57	35.38
MW-9	05/08/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(2.1)	(ND<0.5)	(ND<0.5)	8.35	0.00	325.22	333.57	37.95
MW-9	07/30/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	--	--	15.75	0.00	317.82	333.57	37.95
MW-9	11/18/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.55	0.00	322.02	333.57	37.95
MW-9	01/12/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.83	0.00	324.74	333.57	37.47
MW-9	05/01/03	(ND<100)	(4.4)	(3.4)	(1.1)	(4.3)	(ND<2)	(ND<0.5)	(ND<0.5)	6.89	0.00	326.68	333.57	37.79
MW-9	07/17/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	9.70	0.00	323.87	333.57	37.27
MW-9	10/15/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.09	0.00	319.48	333.57	37.50
MW-9	01/28/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.20	0.00	326.37	333.57	36.45
MW-9	05/20/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.73	0.00	324.84	333.57	35.75
MW-9	08/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.00	0.00	317.57	333.57	35.57
MW-9	11/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.91	0.00	320.66	333.57	37.45
MW-9	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	5.60	0.00	327.97	333.57	37.74
MW-9	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	6.28	0.00	327.29	333.57	NM
MW-9	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.69	0.00	324.88	333.57	37.80
MW-9	11/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	9.55	0.00	324.02	333.57	37.49
MW-9	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	6.07	0.00	327.50	333.57	37.70
MW-9	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	6.52	0.00	327.05	333.57	37.60
MW-9	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.54	0.00	326.03	333.57	37.37

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-9	11/28/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.36	0.00	323.21	333.57	37.04
MW-9	02/22/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.17	0.00	326.40	333.57	37.75
MW-9	05/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.05	0.00	325.52	333.57	37.50
MW-9	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.57	0.00	319.00	333.57	37.25
MW-9	10/30/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.35	0.00	317.22	333.57	37.40
MW-9	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	5.80	0.00	327.77	333.57	37.45
MW-9	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.98	0.00	321.59	333.57	37.41
MW-9	09/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.07	0.00	309.50	333.57	37.59
MW-9	12/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.71	0.00	308.86	333.57	37.32
MW-9	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	6.50	0.00	327.07	333.57	37.78
MW-9	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	333.57	NM
MW-9	07/07/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	333.57	NM
MW-9	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	6.09	0.00	327.48	333.57	37.69
MW-9	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	333.57	NM
MW-9	02/09/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	6.72	0.00	326.85	333.57	37.86
MW-10	07/01/86	26,000	2,000	980	–	7,700	–	–	–	–	–	–	–	–
MW-10	05/15/87	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-10	11/16/87	Well Dry						–	–	–	–	–	–	–
MW-10	12/23/87	86,000	7,100	3,600	–	9,600	–	–	–	–	–	311.28	–	–
MW-10	01/20/88	64,000	3,500	1,200	–	5,400	–	–	–	–	–	317.77	–	–
MW-10	02/17/88	102,700	3,300	2,400	2,000	16,900	–	–	–	–	–	306.57	–	–
MW-10	09/20/88	Well Abandoned(3)						–	–	Well Abandoned				–
MW-11	07/01/86	10,000	2,000	400	–	2,300	–	–	–	–	–	–	333.00	–
MW-11	05/15/87	–	–	–	–	–	–	–	–	–	–	–	333.00	–
MW-11	11/16/87	Well Dry						–	–	Well Dry				–
MW-11	12/23/87	44,000	5,900	1,700	–	2,100	–	–	–	–	–	304.33	333.00	–
MW-11	01/20/88	59,000	3,800	3,100	–	2,700	–	–	–	–	–	310.96	333.00	–
MW-11	02/17/88	84,700	4,500	1,900	1,200	8,600	–	–	–	–	–	301.50	333.00	–
MW-11	03/13/89	74,000	5,700	3,700	2,300	4,700	–	–	–	31.85	–	–	333.00	–
MW-11	06/21/89	29,000	2,000	520	460	2,000	–	–	–	17.52	–	–	333.00	–
MW-11	09/06/89	Well Dry						–	–	Well Dry				–
MW-11	12/20/89	Well Dry						–	–	Well Dry				–
MW-11	03/30/90	260,000	12,000	5,000	6,100	21,000	–	–	–	33.58	–	–	333.00	–
MW-11	06/29/90	Well Dry						–	–	Well Dry				–
MW-11	09/20/90	Well Dry						–	–	Well Dry				–
MW-11	12/20/90	Well Dry						–	–	Well Dry				–
MW-11	03/21/91	31,000	3,000	250	1,500	2,000	–	–	–	20.20	–	312.87	333.07	–
MW-11	07/11/91	Well Dry						–	–	Well Dry				–

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-11	11/01/91	–	–	–	–	–	–	–	–	–	–	–	333.07	–
MW-11	04/07/92	9,900	1,790	130	85	570	–	–	–	18.80	–	314.27	333.07	–
MW-11	06/22/92	24,200	1,878	620	492	2,328	–	–	–	32.36	–	300.71	333.07	–
MW-11	09/02/92	–	–	–	–	–	–	–	–		---------- Well Dry ----------			–
MW-11	12/03/92	–	–	–	–	–	–	–	–		---------- Well Dry ----------			–
MW-11	04/28/93	12,000	420	33	600	510	–	–	–	10.07**	–	323.92	333.99**	–
MW-11	06/21/93	7,700	240	19	410	330	–	–	–	10.07**	–	323.92	333.99**	–
MW-11	09/28/93	7,800	190	6.0	320	190	–	–	–	12.23**	–	321.76	333.99**	–
MW-11	12/28/93	5,800	220	32	350	220	–	–	–	12.04**	–	321.95	333.99**	–
MW-11	03/29/94	6,100	200	29	270	160	–	–	–	10.79**	–	323.20	333.99**	–
MW-11	05/26/94	3,100	128.4	34.3	189	106.9	–	–	–	–	–	–	333.72	–
MW-11	08/11/94	4,500	101.9	33.1	206	109.9	–	–	–	14.39	–	319.33	333.72	–
MW-11	11/22/94	3,814	249*	14.3	128	101.2	–	–	–	16.36	–	317.36	333.72	–
MW-11	03/02/95	4,162	89.6	19.6	172	76.3	–	–	–	8.16	–	325.56	333.72	36.45
MW-11	05/24/95	4,463	93.8	12.8	184	68.3	–	–	–	6.45	–	327.27	333.72	36.45
MW-11	08/09/95	1,400	19	9.7	10	5.5	–	–	–	13.29	–	320.43	333.72	36.45
MW-11	11/09/95	2,700	29	20	35	9.1	–	–	–	19.43	–	318.05	337.48	36.45
MW-11	02/08/96	3,000	34	24	56	21	ND	–	–	10.39	–	327.09	337.48	36.45
MW-11	05/01/96	170	3.4	2.7	1.2	1.5	34	–	–	11.44	–	326.04	337.48	36.45
MW-11	08/31/96	1,100	2.3	7.9	1.0	2.2	ND	–	–	18.90	–	318.58	337.48	36.45
MW-11	12/04/96	330	ND	7.3	0.8	2	59	–	–	16.03	–	321.45	337.48	36.45
MW-11	03/11/97	ND	ND	ND	ND	ND	13	(ND)	(ND)	8.13	–	329.35	337.48	36.45
MW-11	06/05/97	2,100	ND	18	ND	5.3	ND	–	–	11.22	–	326.26	337.48	36.45
MW-11	09/04/97	ND	ND	ND	ND	ND	ND	–	–	16.35	–	321.13	337.48	36.45
MW-11	11/15/97	1,200	2	22	ND	5.6	56	–	–	15.64	–	321.84	337.48	36.45
MW-11	03/23/98	ND	ND	ND	ND	0.87	35	–	–	7.31	–	330.17	337.48	36.45
MW-11	06/09/98	1,400	3.5	20	ND	5.1	110	–	–	10.05	–	327.43	337.48	36.45
MW-11	09/30/98	232	ND	ND	ND	ND	776	–	–	14.50	–	322.98	337.48	36.45
MW-11	12/08/98	1,220	ND	ND	ND	2.7	2,150	–	–	14.15	–	323.33	337.48	36.45
MW-11	03/11/99	850	10.5	ND<2.5	ND<2.5	ND<2.5	157	–	–	13.38	–	324.10	337.48	39.45
MW-11	05/11/99	525	5.95	1.68	1.71	ND	118	–	–	14.52	–	323.09	337.61	39.41
MW-11	08/04/99	4,300	38	12	19	14	1,100/(940)	–	–	14.51	–	323.10	337.61	39.40
MW-11	11/15/99	3,200	22	13	21	20	420	–	–	30.44	0.00	307.17	337.61	39.54
MW-11	02/08/00	2,400	27	8.3	18	13	270	–	–	14.70	0.00	322.91	337.61	39.23
MW-11	05/08/00	1,700	12	3.3	23	8.7	94	–	–	12.74	0.00	324.87	337.61	39.27
MW-11	08/03/00	1,200	(7.0)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(110)	(ND<0.5)	(ND<0.5)	15.61	0.00	322.00	337.61	39.27
MW-11	11/13/00	980	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(63)	(ND<0.5)	(ND<0.5)	16.55	0.00	321.06	337.61	39.30
MW-11	02/09/01	800	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(17)	(ND<0.5)	(ND<0.5)	15.83	0.00	321.78	337.61	39.29
MW-11	05/04/01	650	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(17)	(ND<0.5)	(ND<0.5)	15.24	0.00	322.37	337.61	39.24
MW-11	09/27/01	1,600	(5.6)	(1.3)	(1.9)	(2.3)	(77)	(ND<0.5)	(ND<0.5)	25.34	0.00	312.27	337.61	40.21

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-11	11/09/01	3,600	(23)	(3.7)	(17)	(17.1)	(57)	(0.77)	--	24.65	0.00	312.96	337.61	40.21
MW-11	01/25/02	(900)	(0.76)	(0.62)	(0.65)	(ND<1.5)	(21)	(ND<0.5)	(ND<0.5)	15.35	0.00	322.16	337.51	40.21
MW-11	05/08/02	(700)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(5.9)	(ND<0.5)	(ND<0.5)	15.40	0.00	322.11	337.51	40.38
MW-11	07/30/02	(1,000)	(0.69)	(0.50)	(ND<0.5)	(1.6)	(4.5)	--	--	25.47	0.00	312.04	337.51	40.38
MW-11	11/19/02	(330)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(2.3)	(ND<0.5)	(ND<0.5)	22.05	0.00	315.46	337.51	40.30
MW-11	01/11/03	(1,300)	(2.7)	(1.7)	(5.8)	(2.3)	(14)	(ND<0.5)	(ND<0.5)	13.55	0.00	323.96	337.51	46.29
MW-11	04/30/03	(770)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(3.3)	(ND<0.5)	(ND<0.5)	14.65	0.00	322.86	337.51	40.27
MW-11	07/18/03	(590)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(2.4)	(ND<0.5)	(ND<0.5)	18.65	0.00	318.86	337.51	40.16
MW-11	10/16/03	(1,400)	(ND<0.5)	(ND<0.5)	(1.4)	(1.9)	(6.9)	(ND<0.5)	(ND<0.5)	25.38	0.00	312.13	337.51	40.20
MW-11	01/28/04	(260)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(3.6)	(ND<0.5)	(ND<0.5)	16.28	0.00	321.23	337.51	40.14
MW-11	05/20/04	(260)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.97	0.00	322.54	337.51	40.03
MW-11	08/31/04	(750)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.86	0.00	312.65	337.51	39.87
MW-11	12/01/04	(1,200)	(2.8)	(0.54)	(2.2)	(3.6)	(4.1)	(0.66)	(ND<0.5)	22.91	0.00	314.60	337.51	39.86
MW-11	03/02/05	(550)	(ND<0.5)	(ND<0.5)	(1.1)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.16	0.00	325.35	337.51	39.87
MW-11	05/18/05	(840)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.98	0.00	326.53	337.51	NM
MW-11	08/30/05	(450)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.73	0.00	322.78	337.51	39.75
MW-11	11/30/05	(710)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.21	0.00	320.30	337.51	39.52
MW-11	12/20/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.81	0.00	322.70	337.51	39.40
MW-11	03/03/06	(490)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.40	0.00	325.11	337.51	39.85
MW-11	06/08/06	(330)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.38	0.00	325.13	337.51	39.49
MW-11	08/29/06	(210)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.17	0.00	323.34	337.51	39.50
MW-11	11/29/06	(770)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.91	0.00	321.60	337.51	39.35
MW-11	02/23/07	(440)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.49	0.00	324.02	337.51	39.39
MW-11	05/09/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.73	0.00	323.78	337.51	39.48
MW-11	08/08/07	(670)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.75	0.00	317.76	337.51	39.45
MW-11	10/31/07	(200)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.95	0.00	314.56	337.51	39.50
MW-11	02/27/08	(400)	(ND<0.5)	(ND<0.5)	(0.74)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.87	0.00	325.64	337.51	39.48
MW-11	06/10/08	(620)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.32	0.00	320.19	337.51	39.50
MW-11	09/10/08	(490)	(0.69)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.20	0.00	311.31	337.51	39.49
MW-11	12/08/08	---------- Not Sampled Due to Insufficient Water ----------								38.87	0.00	NC	337.51	39.17
MW-11	03/25/09	(770)	(0.86)	(ND<0.5)	(1.8)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.52	0.00	323.99	337.51	39.23
MW-11	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	337.51	NM
MW-11	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	337.51	NM
MW-11	03/24/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	11.36	0.00	326.15	337.51	39.40
MW-11	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	337.51	NM
MW-11	02/11/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	12.71	0.00	324.80	337.51	39.28
MW-12	07/01/86	ND	ND	ND	--	ND	--	--	--	--	--	--	332.00	--
MW-12	05/15/87	62	ND	ND	--	5.0	--	--	--	--	--	318.76	332.00	--
MW-12	11/16/87	--	--	--	--	--	--	--	--	--	--	--	332.00	--

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-12	12/22/87	13,000	1,600	600	–	1,000	–	–	–	–	–	311.05	332.00	–
MW-12	01/20/88	ND	ND	ND	–	ND	–	–	–	–	–	313.68	332.00	–
MW-12	02/17/88	19,000	ND	800	ND	2,000	–	–	–	–	–	304.11	332.00	–
MW-12	03/13/89	7,400	130	44	88	110	–	–	–	22.01	–	–	332.00	–
MW-12	06/21/89	4,000	28	13	3.0	5.0	–	–	–	15.19	–	–	332.00	–
MW-12	09/06/89	Well Dry						–	–		Well Dry			–
MW-12	12/20/89	Well Dry						–	–		Well Dry			–
MW-12	03/30/90	2,600	230	300	190	680	–	–	–	31.52	–	–	332.00	–
MW-12	06/29/90	27,000	590	540	570	1,100	–	–	–	35.06	–	–	332.00	–
MW-12	09/20/90	Well Dry						–	–		Well Dry			–
MW-12	12/20/90	Well Dry						–	–		Well Dry			–
MW-12	03/21/91	3,300	87	15	18	13	–	–	–	16.40	–	315.97	332.37	–
MW-12	07/11/91	19,000	330	720	540	1,550	–	–	–	34.67	–	297.70	332.37	–
MW-12	11/01/91	–	–	–	–	–	–	–	–	–	–	–	332.37	–
MW-12	04/07/92	6,540	ND	ND	ND	20	–	–	–	16.45	–	315.92	332.37	–
MW-12	06/22/92	8,800	88	63	93	226	–	–	–	26.11	–	306.26	332.37	–
MW-12	09/02/92	21,000	490	360	310	610	–	–	–	36.68	–	295.69	332.37	–
MW-12	12/03/92	–	–	–	–	–	–	–	–	36.71	–	295.66	332.37	–
MW-12	04/28/93	1,300	15	6.0	9.0	6.5	–	–	–	9.20**	–	324.06	333.26**	–
MW-12	06/22/93	1,600	20	7.3	14	14	–	–	–	9.22**	–	324.04	333.26**	–
MW-12	09/28/93	1,200	17	17	9.0	47	–	–	–	11.36**	–	321.90	333.26**	–
MW-12	12/29/93	960	8.6	6.1	5.0	6.3	–	–	–	11.32**	–	321.94	333.26**	–
MW-12	03/29/94	1,600	24	2.8	6.0	11	–	–	–	10.05**	–	323.21	333.26**	–
MW-12	05/26/94	900	4.9	18.6	6.0	6.4	–	–	–	9.45	–	323.63	333.08	–
MW-12	08/11/94	600	1.4	11.6	3.0	4.2	–	–	–	13.32	–	319.76	333.08	–
MW-12	11/22/94	2,851	ND*	1.6	ND	33.9	–	–	–	15.26	–	317.82	333.08	–
MW-12	03/02/95	Well Inaccessible						–	–		Well Inaccessible			–
MW-12	05/24/95	Well Inaccessible						–	–		Well Inaccessible			–
MW-12	08/09/95	1,300	92	11	4.0	2.4	–	–	–	12.16	–	320.92	333.08	–
MW-12	11/09/95	Well Inaccessible						–	–		Well Inaccessible			–
MW-12	02/08/96	230***	ND***	ND***	ND***	ND***	40***	–	–	9.85***	–	323.23***	333.08***	–
MW-12	05/01/96	ND***	ND***	ND***	ND***	ND***	19***	–	–	10.85***	–	322.23***	333.08***	–
MW-12	08/30/96	Well Damaged						–	–		Well Damaged			–
MW-12	12/04/96	Well Damaged						–	–		Well Damaged			–
MW-12	03/11/97	Well Damaged						–	–		Well Dry or Damaged			–
MW-12	06/05/97	Well Damaged						–	–		Well Dry or Damaged			–
MW-12	09/04/97	Well Damaged						–	–		Well Dry or Damaged			–
MW-12	12/08/98	Well Damaged						–	–		Well Dry or Damaged			–
MW-12	05/11/99	Well Damaged						–	–	NM	–	NM	336.91	NM
MW-12	08/04/99	Well Destroyed 9/23/99						–	–		Well Destroyed			–

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-13	10/01/86	ND	ND	ND	–	ND	–	–	–	–	–		333.00	–
MW-13	05/22/87	ND	ND	ND	–	ND	–	–	–	–	–	–	333.00	–
MW-13	11/16/87	Well Dry						–	–		Well Dry			–
MW-13	12/22/87	ND	ND	ND	–	ND	–	–	–	30.73	–	–	333.00	–
MW-13	01/19/88	ND	ND	ND	–	ND	–	–	–	25.18	–	–	333.00	–
MW-13	02/16/88	ND	ND	ND	–	ND	–	–	–	33.58	–	–	333.00	–
MW-13	03/31/89	ND	ND	ND	ND	ND	–	–	–	29.73	–	–	333.00	–
MW-13	06/21/89	Well Dry						–	–		Well Dry			–
MW-13	09/06/89	Well Dry						–	–		Well Dry			–
MW-13	12/20/89	ND	ND	ND	ND	ND	–	–	–	17.72	–	–	333.00	–
MW-13	03/30/90	ND	ND	ND	ND	ND	–	–	–	29.90	–	–	333.00	–
MW-13	06/29/90	Well Dry						–	–		Well Dry			–
MW-13	09/20/90	Well Dry						–	–		Well Dry			–
MW-13	12/20/90	Well Dry						–	–		Well Dry			–
MW-13	03/21/91	ND	ND	ND	ND	ND	–	–	–	23.05	–	309.89	332.94	–
MW-13	07/11/91	Well Dry						–	–		Well Dry			–
MW-13	11/01/91	–	–	–	–	–	–	–	–	–	–	–	332.94	–
MW-13	04/07/92	ND	ND	ND	ND	2.0	–	–	–	26.14	–	306.80	332.94	–
MW-13	06/22/92	–	–	–	–	–	–	–	–	31.36	–	301.58	332.94	–
MW-13	09/02/92	–	–	–	–	–	–	–	–		Well Dry			–
MW-13	12/03/92	ND	ND	ND	ND	ND	–	–	–	28.57	–	304.37	332.94	–
MW-13	04/28/93	ND	ND	ND	ND	ND	–	–	–	12.00**	–	322.56	334.56**	–
MW-13	06/21/93	ND	ND	ND	ND	ND	–	–	–	12.42**	–	322.14	334.56**	–
MW-13	09/28/93	ND	ND	ND	ND	ND	–	–	–	14.93**	–	319.63	334.56**	–
MW-13	12/28/93	ND	ND	ND	ND	ND	–	–	–	14.47**	–	320.09	334.56**	–
MW-13	03/29/94	ND	ND	ND	ND	ND	–	–	–	13.24**	–	321.32	334.56**	–
MW-13	05/26/94	ND	ND	ND	ND	ND	–	–	–	11.61	–	322.03	333.64	–
MW-13	08/11/94	ND	ND	ND	ND	ND	–	–	–	15.97	–	317.67	333.64	–
MW-13	11/22/94	377	ND	ND	ND	ND	–	–	–	15.06	–	318.58	333.64	–
MW-13	03/02/95	ND	ND	ND	ND	ND	–	–	–	8.57	–	325.07	333.64	32.50
MW-13	05/24/95	ND	ND	ND	ND	ND	–	–	–	6.00	–	327.64	333.64	32.50
MW-13	08/09/95	ND	ND	ND	ND	ND	–	–	–	11.39	–	322.25	333.64	32.50
MW-13	11/09/95	ND	ND	ND	ND	ND	–	–	–	13.62	–	320.02	333.64	32.50
MW-13	02/08/96	ND	ND	ND	ND	ND	ND	–	–	6.04	–	327.60	333.64	32.50
MW-13	05/01/96	ND	ND	ND	ND	ND	ND	–	–	6.59	–	327.05	333.64	32.50
MW-13	08/31/96	ND	ND	ND	ND	ND	ND	–	–	14.80	–	318.84	333.64	32.50
MW-13	12/04/96	ND	ND	ND	ND	ND	ND	–	–	12.51	–	321.13	333.64	32.50
MW-13	03/11/97	ND	ND	ND	ND	ND	ND	(ND)	(ND)	3.85	–	329.79	333.64	32.50
MW-13	06/05/97	ND	ND	ND	ND	ND	ND	–	–	7.29	–	326.35	333.64	32.50

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-13	09/04/97	ND	ND	ND	ND	ND	ND	--	--	13.29	--	320.35	333.64	32.50
MW-13	11/15/97	ND	ND	ND	ND	ND	ND	--	--	13.52	--	320.12	333.64	32.50
MW-13	03/23/98	ND	ND	ND	ND	ND	ND	--	--	3.40	--	330.24	333.64	32.50
MW-13	06/09/98	Well Not Sampled						--	--	5.85	--	327.79	333.64	32.50
MW-13	09/30/98	Well Not Sampled						--	--	12.33	--	321.31	333.64	32.50
MW-13	12/08/98	Well Not Sampled						--	--	12.33	--	321.31	333.64	32.50
MW-13	03/11/99	Well Not Sampled						--	--	11.45	--	322.19	333.64	31.83
MW-13	05/11/99	Well Not Sampled						--	--	13.81	--	319.88	333.69	31.80
MW-13	08/04/99	Well Not Sampled						--	--	13.75	--	319.94	333.69	31.79
MW-13	11/15/99	ND<100	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	23.96	0.00	309.73	333.69	31.83
MW-13	02/08/00	Well not sampled due to sampling reduction program						--	--	12.83	0.00	320.86	333.69	31.93
MW-13	05/08/00	Well not sampled due to sampling reduction program						--	--	9.38	0.00	324.31	333.69	31.91
MW-13	08/03/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<5)	(ND<0.5)	(ND<0.5)	14.37	0.00	319.32	333.69	31.89
MW-13	11/13/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.10	0.00	320.59	333.69	31.90
MW-13	02/09/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.40	0.00	321.29	333.69	31.90
MW-13	05/04/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.73	0.00	321.96	333.69	31.90
MW-13	09/27/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.77	0.00	310.92	333.69	32.22
MW-13	11/09/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	--	22.13	0.00	311.56	333.69	32.22
MW-13	01/25/02	(ND<100)	(ND<0.5)	(0.54)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.17	0.00	320.96	334.13	32.22
MW-13	05/08/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.37	0.00	319.76	334.13	32.92
MW-13	07/30/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	--	--	27.20	0.00	306.93	334.13	32.92
MW-13	11/17/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.33	0.00	309.80	334.13	32.76
MW-13	01/11/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(2.1)	(ND<0.5)	(ND<0.5)	8.50	0.00	325.63	334.13	32.55
MW-13	05/15/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.45	0.00	322.68	334.13	32.79
MW-13	07/17/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(2.5)	(ND<0.5)	(ND<0.5)	16.82	0.00	317.31	334.13	32.57
MW-13	10/14/03	(39[J])	(1.9)	(1.9)	(1.7)	(5.2)	(1.6[J])	(ND<0.5)	(1.5)	22.73	0.00	311.40	334.13	32.80
MW-13	01/27/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.65	0.00	321.48	334.13	32.55
MW-13	05/18/04	Not Sampled due to Well Paved Over								NM	NC	NC	334.13	NM
MW-13	08/31/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.85	0.00	312.28	334.13	32.78
MW-13	11/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.94	0.00	312.19	334.13	32.78
MW-13	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.61	0.00	325.52	334.13	32.78
MW-13	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.98	0.00	326.15	334.13	NM
MW-13	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.95	0.00	319.18	334.13	33.00
MW-13	12/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.88	0.00	319.25	334.13	32.78
MW-13	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.43	0.00	323.70	334.13	32.75
MW-13	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.00	0.00	324.13	334.13	32.80
MW-13	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.17	0.00	323.96	334.13	32.77
MW-13	11/28/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.00	0.00	321.13	334.13	32.70
MW-13	02/23/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.61	0.00	322.52	334.13	32.75
MW-13	05/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.81	0.00	321.32	334.13	32.76

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-13	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.18	0.00	313.95	334.13	32.75
MW-13	10/30/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.11	0.00	311.02	334.13	32.80
MW-13	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.95	0.00	326.18	334.13	32.62
MW-13	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.40	0.00	314.73	334.13	32.80
MW-13	09/08/08	Not Sampled - Well Dry								DRY	NC	NC	334.13	32.80
MW-13	12/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	27.21	0.00	306.92	334.13	32.49
MW-13	03/24/09	(120)	(1.5)	(9.4)	(3.3)	(17.4)	(ND<2)	(ND<0.5)	(ND<0.5)	9.46	0.00	324.67	334.13	32.64
MW-13	06/30/09	Well Not Sampled								NM	NC	NC	334.13	NM
MW-13	07/07/09	Well Not Sampled								NM	NC	NC	334.13	NM
MW-13	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	7.89	0.00	326.24	334.13	32.71
MW-13	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	334.13	NM
MW-13	02/10/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	10.01	0.00	324.12	334.13	32.55
MW-14	10/01/86	ND	ND	ND	–	ND	–	–	–	–	–	–	334.00	–
MW-14	05/29/87	ND	ND	ND	–	ND	–	–	–	–	–	–	334.00	–
MW-14	11/16/87	Well Dry						–	–	Well Dry				–
MW-14	12/23/87	ND	ND	ND	–	ND	–	–	–	33.25	–	–	334.00	–
MW-14	01/19/88	ND	ND	ND	–	ND	–	–	–	31.89	–	–	334.00	–
MW-14	02/17/88	ND	ND	ND	–	ND	–	–	–	30.69	–	–	334.00	–
MW-14	03/31/89	ND	ND	ND	ND	ND	–	–	–	33.99	–	–	334.00	–
MW-14	06/21/89	–	–	–	–	–	–	–	–	34.29	–	–	334.00	–
MW-14	09/06/89	Well Dry						–	–	Well Dry				–
MW-14	12/20/89	Well Dry						–	–	Well Dry				–
MW-14	03/30/90	Well Dry						–	–	Well Dry				–
MW-14	06/29/90	Well Dry						–	–	Well Dry				–
MW-14	09/20/90	Well Dry						–	–	Well Dry				–
MW-14	12/20/90	Well Dry						–	–	Well Dry				–
MW-14	03/21/91	ND	ND		ND	ND	–	–	–	31.94	–	301.78	333.72	–
MW-14	07/11/91	Well Dry						–	–	34.54	–	299.18	333.72	–
MW-14	11/01/91	–	–	–	–	–	–	–	–	–	–	–	333.72	–
MW-14	04/07/92	ND	ND	ND	ND	ND	–	–	–	35.42	–	298.30	333.72	–
MW-14	06/22/92	–	–	–	–	–	–	–	–	35.17	–	298.55	333.72	–
MW-14	09/02/92	–	–	–	–	–	–	–	–	35.25	–	298.47	333.72	–
MW-14	12/03/92	ND	ND	ND	ND	ND	–	–	–	16.92	–	316.80	333.72	–
MW-14	04/28/93	ND	ND	ND	ND	ND	–	–	–	16.49**	–	318.78	335.27**	–
MW-14	06/21/93	ND	ND	ND	ND	ND	–	–	–	16.31**	–	318.96	335.27**	–
MW-14	09/28/93	ND	ND	ND	ND	ND	–	–	–	19.09**	–	316.18	335.27**	–
MW-14	12/28/93	ND	ND	ND	ND	ND	–	–	–	19.68**	–	315.59	335.27**	–
MW-14	03/29/94	ND	ND	ND	ND	ND	–	–	–	17.9**	–	317.37	335.27**	–
MW-14	05/26/94	ND	ND	ND	ND	ND	–	–	–	16.63	–	317.79	334.42	–

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-14	08/11/94	ND	ND	ND	ND	ND	–	–	–	19.63	–	314.79	334.42	–
MW-14	11/22/94	81	ND	ND	ND	ND	–	–	–	21.00	–	313.42	334.42	–
MW-14	03/02/95	ND	ND	ND	ND	ND	–	–	–	10.77	–	323.65	334.42	34.60
MW-14	05/24/95	ND	ND	ND	ND	ND	–	–	–	7.23	–	327.19	334.42	34.60
MW-14	08/09/95	ND	ND	ND	ND	ND	–	–	–	14.09	–	320.33	334.42	34.60
MW-14	11/09/95	ND	ND	ND	ND	ND	–	–	–	17.92	–	316.50	334.42	34.60
MW-14	02/08/96	ND	ND	ND	ND	ND	ND	–	–	8.70	–	325.72	334.42	34.60
MW-14	05/01/96	ND	ND	ND	ND	ND	ND	–	–	7.96	–	326.46	334.42	34.60
MW-14	08/31/96	ND	ND	ND	ND	ND	ND	–	–	17.80	–	316.62	334.42	34.60
MW-14	12/16/96	ND	ND	ND	ND	ND	ND	–	–	15.93	–	318.49	334.42	34.60
MW-14	03/11/97	ND	ND	ND	ND	ND	ND	(ND)	(ND)	4.87	–	328.55	334.42	34.60
MW-14	06/05/97	ND	ND	ND	ND	ND	ND	–	–	8.76	–	325.66	334.42	34.60
MW-14	09/04/97	ND	ND	ND	ND	ND	ND	–	–	15.29	–	319.13	334.42	34.60
MW-14	11/15/97	ND	ND	ND	ND	ND	ND	–	–	14.84	–	319.58	334.42	34.60
MW-14	03/23/98	ND	ND	ND	ND	ND	ND	–	–	4.11	–	330.31	334.42	34.60
MW-14	06/09/98	Well Not Sampled						–	–	7.32	–	327.10	334.42	34.60
MW-14	09/30/98	Well Not Sampled						–	–	15.06	–	319.36	334.42	34.60
MW-14	12/08/98	Well Not Sampled						–	–	15.06	–	319.36	334.42	34.60
MW-14	03/11/99	Well Not Sampled						–	–	16.31	–	318.11	334.42	34.42
MW-14	05/11/99	Well Not Sampled						–	–	19.50	–	314.97	334.47	34.41
MW-14	08/04/99	Well Not Sampled						–	–	19.43	–	315.04	334.47	34.37
MW-14	11/15/99	ND<100	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	–	–	23.59	0.00	310.88	334.47	34.40
MW-14	02/08/00	Well not sampled due to sampling reduction program						–	–	15.79	0.00	318.68	334.47	34.42
MW-14	05/08/00	Well not sampled due to sampling reduction program						–	–	12.74	0.00	321.73	334.47	34.46
MW-14	08/03/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<5)	(ND<0.5)	(ND<0.5)	18.46	0.00	316.01	334.47	34.45
MW-14	11/13/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.11	0.00	317.36	334.47	34.47
MW-14	02/09/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.27	0.00	318.20	334.47	34.47
MW-14	05/04/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.28	0.00	319.19	334.47	34.47
MW-14	09/27/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.35	0.00	308.12	334.47	34.45
MW-14	11/09/01	ND<100	(ND<0.5)	(0.51)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	–	27.06	0.00	307.41	334.47	34.45
MW-14	01/25/02	(ND<100)	(ND<0.5)	(0.51)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.02	0.00	315.99	335.01	34.45
MW-14	05/08/02	(490)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.73	0.00	314.28	335.01	34.87
MW-14	07/30/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	–	–	32.87	0.00	302.14	335.01	34.87
MW-14	11/17/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.47	0.00	309.54	335.01	34.95
MW-14	01/11/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(2.2)	(ND<0.5)	(ND<0.5)	11.05	0.00	323.96	335.01	34.71
MW-14	04/30/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.06	0.00	319.95	335.01	35.94
MW-14	07/17/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.06	0.00	312.95	335.01	34.71
MW-14	10/14/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.52	0.00	310.49	335.01	34.74
MW-14	01/27/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.32	0.00	316.69	335.01	34.75
MW-14	05/19/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.36	0.00	314.65	335.01	35.06

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16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-14	08/31/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	28.60	0.00	306.41	335.01	34.97
MW-14	11/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.48	0.00	308.53	335.01	35.00
MW-14	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.89	0.00	321.12	335.01	35.00
MW-14	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.25	0.00	324.76	335.01	NM
MW-14	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.21	0.00	313.80	335.01	35.21
MW-14	12/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.51	0.00	314.50	335.01	35.00
MW-14	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.66	0.00	320.35	335.01	35.00
MW-14	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.15	0.00	322.86	335.01	35.02
MW-14	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.22	0.00	317.79	335.01	35.01
MW-14	11/28/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.86	0.00	316.15	335.01	34.91
MW-14	02/23/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.08	0.00	316.93	335.01	34.96
MW-14	05/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.43	0.00	316.58	335.01	35.00
MW-14	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.36	0.00	310.65	335.01	35.07
MW-14	10/30/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	31.60	0.00	303.41	335.01	35.02
MW-14	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.19	0.00	318.82	335.01	34.85
MW-14	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	27.47	0.00	307.54	335.01	34.83
MW-14	09/08/08	---------- Not Sampled - Well Dry ----------								DRY	0.00	NC	335.01	35.02
MW-14	12/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	30.40	0.00	304.61	335.01	34.80
MW-14	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.39	0.00	318.62	335.01	35.01
MW-14	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	335.01	NM
MW-14	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	335.01	NM
MW-14	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	10.76	0.00	324.25	335.01	35.02
MW-14	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	335.01	NM
MW-14	02/10/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	13.93	0.00	321.08	335.01	35.00
MW-15	03/13/89	11,000	1,100	480	320	900	--	--	--	46.16	--	--	--	--
MW-15	06/21/89	60,000	2,200	3,100	1,900	6,600	--	--	--	17.37	--	--	--	--
MW-15	09/06/89	15,000	560	300	280	830	--	--	--	49.60	--	--	--	--
MW-15	12/20/89	14,000	5,400	580	930	1,700	--	--	--	50.45	--	--	--	--
MW-15	03/30/90	15,000	4,300	830	1,100	2,900	--	--	--	47.62	--	--	--	--
MW-15	06/29/90	29,000	2,600	450	960	1,800	--	--	--	48.77	--	--	--	--
MW-15	09/20/90	19,000	2,700	260	940	910	--	--	--	51.09	--	281.28	332.37	--
MW-15	12/20/90	18,000	2,300	340	580	940	--	--	--	39.30	--	293.07	332.37	--
MW-15	03/21/91	36,000	2,400	1,400	1,400	4,600	--	--	--	16.20	--	316.17	332.37	--
MW-15	07/11/91	14,000	580	170	510	851	--	--	--	42.24	--	290.13	332.37	--
MW-15	11/01/91	15,000	2,900	280	850	630	--	--	--	44.51	--	287.86	332.37	--
MW-15	04/07/92	20,000	3,650	2,130	810	5,870	--	--	--	16.23	--	316.14	332.37	--
MW-15	06/22/92	20,500	1,755	575	320	1,650	--	--	--	37.79	--	294.58	332.37	--
MW-15	09/02/92	20,000	1,200	250	340	880	--	--	--	43.88	--	288.49	332.37	--
MW-15	12/03/92	19,000	1,160	104	308	438	--	--	--	43.92	--	288.45	332.37	--
MW-15	04/28/93	53,000	2,300	1,500	1,800	7,300	--	--	--	8.92**	--	324.53	333.45**	--

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WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-15	08/22/93	29,000	2,200	1,500	1,700	8,700	--	--	--	8.90**	--	324.55	333.45**	--
MW-15	09/28/93	42,000	1,700	920	1,500	5,200	--	--	--	11.53**	--	321.92	333.45**	--
MW-15	12/29/93	15,000	1,600	480	1,700	4,200	--	--	--	11.30**	--	322.15	333.45**	--
MW-15	03/29/94	34,000	1,700	890	1,500	5,200	--	--	--	9.75**	--	323.70	333.45**	--
MW-15	05/26/94	30,600	2,214	1,242	1,762	6,987	--	--	--	9.04	--	324.03	333.07	--
MW-15	08/11/94	15,800	885.5	337.1	1,006	2,655	--	--	--	13.36	--	319.71	333.07	--
MW-15	11/22/94	2,989	44*	19.4	40	106.3	--	--	--	14.73	--	318.34	333.07	--
MW-15	03/02/95	24,900	2,160	782	1,452	4,709	--	--	--	6.97	--	326.10	333.07	52.00
MW-15	05/24/95	75,846	11,029	3,030	2,178	6,997	--	--	--	5.58	--	327.49	333.07	52.00
MW-15	08/09/95	12,000	1,400	310	740	1,600	--	--	--	12.81	--	320.26	333.07	52.00
MW-15	11/09/95	11,000	550	130	650	960	--	--	--	14.86	--	318.21	333.07	52.00
MW-15	02/08/96	27,000	1,600	410	1,200	2,400	ND	--	--	6.14	--	326.93	333.07	52.00
MW-15	05/01/96	9,200	640	190	560	1,300	160	--	--	7.38	--	325.69	333.07	52.00
MW-15	08/31/96	17,000	470	83	430	860	ND	--	--	13.20	--	319.87	333.07	52.00
MW-15	12/04/96	19,000	950	430	800	2,100	930	--	--	11.41	--	321.66	333.07	52.00
MW-15	03/11/97	16,000	950	340	480	2,200	2,800	(ND)	(ND)	3.83	--	329.24	333.07	52.00
MW-15	06/05/97	28,000	1,500	300	840	2,300	2,500	--	--	6.93	--	326.14	333.07	52.00
MW-15	09/04/97	18,000	110	200	720	1,700	1,200	--	--	11.59	--	321.48	333.07	52.00
MW-15	11/15/97	15,000	1,000	130	460	870	950	--	--	10.82	--	322.25	333.07	52.00
MW-15	03/23/98	20,000	750	210	530	1,400	1,700	--	--	3.71	--	329.36	333.07	52.00
MW-15	06/09/98	19,000	1,700	230	1,000	2,500	3,100	--	--	5.55	--	327.52	333.07	52.00
MW-15	09/30/98	7,910	743	56	375	859	2,500	--	--	9.59	--	323.48	333.07	52.00
MW-15	12/08/98	12,000	757	51	488	978	5,860	--	--	9.14	--	323.93	333.07	52.00
MW-15	03/11/99	Well Not Sampled						--	--	8.44	--	324.63	333.07	51.95
MW-15	05/11/99	Well Not Sampled						--	--	9.56	--	323.58	333.14	51.95
MW-15	08/04/99	Well Not Sampled						--	--	9.44	--	323.70	333.14	51.97
MW-15	11/15/99	17,000	920	110	620	920	600/(720)	--	--	19.70	0.00	313.44	333.14	52.02
MW-15	02/08/00	Well not sampled due to sampling reduction program						--	--	12.62	0.00	320.52	333.14	52.06
MW-15	05/08/00	Well not sampled due to sampling reduction program						--	--	10.59	0.00	322.55	333.14	52.08
MW-15	08/03/00	9,200	(760)	(32)	(460)	(477)	(270)	(ND<5)	(ND<5)	10.77	0.00	322.37	333.14	51.84
MW-15	11/13/00	13,000	(470)	(38)	(590)	(798)	(ND<10)	(ND<2.5)	(ND<2.5)	12.85	0.00	320.29	333.14	51.92
MW-15	02/09/01	9,900	(760)	(44)	(510)	(441)	(70)	(ND<1)	(ND<1)	11.97	0.00	321.17	333.14	51.90
MW-15	05/04/01	17,000	(840)	(66)	(830)	(1,027)	(67)	(ND<5)	(ND<5)	10.46	0.00	322.68	333.14	51.90
MW-15	09/27/01	12,000	(890)	(66)	(910)	(1,449)	(41)	(ND<5)	(ND<5)	18.81	0.00	314.33	333.14	51.88
MW-15	11/09/01	16,000	(670)	(60)	(970)	(999)	(52)	(ND<2.5)	--	17.38	0.00	315.76	333.14	51.88
MW-15	01/25/02	(9,000)	(470)	(58)	(560)	(923)	(25)	(ND<2.5)	(ND<2.5)	10.62	0.00	322.37	332.99	51.88
MW-15	05/08/02	(20,000)	(560)	(92)	(690)	(1,110)	(25)	(ND<5)	(ND<5)	10.69	0.00	322.30	332.99	52.11
MW-15	07/30/02	(8,200)	(880)	(98)	(670)	(777)	(30)	--	--	19.06	0.00	313.93	332.99	52.11
MW-15	11/20/02	(13,000)	(690)	(95)	(980)	(1,570)	(ND<20)	(ND<5)	(ND<5)	15.90	0.00	317.09	332.99	52.04
MW-15	01/11/03	(28,000)	(920)	(140)	(1,200)	(1,500)	(ND<40)	(ND<10)	(ND<10)	8.76	0.00	324.23	332.99	52.03

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-15[6]	04/18/03	----------Not Sampled/Gauged due to Bolt Stripped----------						–	–	NM	NC	NC	332.99	NM
MW-15	07/16/03	(11,000)	(330)	(40)	(500)	(329)	(5.2)	(ND<1)	(ND<1)	13.60	0.00	319.39	332.99	52.10
MW-15	10/15/03	(12,000)	(790)	(81)	(800)	(776)	(18)	(ND<2.5)	(ND<2.5)	19.26	0.00	313.73	332.99	52.10
MW-15	01/29/04	(8,200)	(540)	(70)	(380)	(870)	(22)	(ND<5)	(ND<5)	11.71	0.00	321.28	332.99	52.00
MW-15	05/20/04	(15,000)	(330)	(69)	(450)	(990)	(ND<20)	(ND<5)	(ND<5)	9.29	0.00	323.70	332.99	52.18
MW-15	08/31/04	(8,000)	(450)	(60)	(680)	(953)	(ND<20)	(ND<5)	(ND<5)	19.14	0.00	313.85	332.99	52.03
MW-15	12/01/04	(8,000)	(300)	(22)	(430)	(198.1)	(ND<10)	(ND<2.5)	(ND<2.5)	16.17	0.00	316.82	332.99	52.04
MW-15	03/02/05	(8,000)	(410)	(46)	(400)	(760)	(ND<20)	(ND<5)	(ND<5)	7.15	0.00	325.84	332.99	52.06
MW-15	05/18/05	(8,000)	(480)	(30)	(280)	(281)	(ND<10)	(ND<2.5)	(ND<2.5)	6.55	0.00	326.44	332.99	NM
MW-15	08/30/05	(960)	(27)	(1.7)	(0.85)	(4.31)	(ND<2)	(ND<0.5)	(ND<0.5)	9.21	0.00	323.78	332.99	52.27
MW-15	12/01/05	(1,500)	(28)	(1.5)	(2.6)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.59	0.00	321.40	332.99	52.02
MW-15	03/03/06	(4,800)	(260)	(14)	(64)	(29)	(3.4)	(0.58)	(ND<0.5)	6.70	0.00	326.29	332.99	52.04
MW-15	06/08/06	(7,000)	(490)	(25)	(230)	(239.6)	(ND<10)	(0.58)	(ND<0.5)	7.02	0.00	325.97	332.99	52.07
MW-15	08/29/06	(5,300)	(520)	(20)	(200)	(206.5)	(ND<10)	(ND<2.5)	(ND<2.5)	8.55	0.00	324.44	332.99	52.04
MW-15	11/29/06	(10,000)	(350)	(18)	(150)	(135.1)	(ND<2)	(ND<0.5)	(ND<0.5)	10.49	0.00	322.50	332.99	51.94
MW-15	02/22/07	(12,000)	(350)	(17)	(140)	(153.7)	(ND<10)	(ND<0.5)	(ND<0.5)	7.91	0.00	325.08	332.99	52.04
MW-15	05/09/07	(13,000)	(330)	(15)	(170)	(140)	(ND<20)	(ND<0.5)	(ND<0.5)	8.29	0.00	324.70	332.99	52.04
MW-15	08/08/07	(4,700)	(110)	(6.3)	(45)	(47)	(ND<10)	(ND<0.5)	(ND<0.5)	14.24	0.00	318.75	332.99	52.03
MW-15	10/31/07	(5,200)	(320)	(14)	(70)	(105.7)	(ND<10)	(ND<0.5)	(ND<0.5)	16.77	0.00	316.22	332.99	52.03
MW-15	02/27/08	(7,500)	(390)	(25)	(170)	(105)	(ND<10)	(ND<2.5)	(ND<2.5)	6.46	0.00	326.53	332.99	51.96
MW-15	06/10/08	(7,600)	(220)	(12)	(150)	(132.8)	(ND<10)	(ND<2.5)	(ND<2.5)	11.72	0.00	321.27	332.99	52.03
MW-15	09/09/08	(10,000)	(740)	(42)	(320)	(561)	(10)	(ND<2.5)	(ND<2.5)	23.14	0.00	309.85	332.99	52.06
MW-15	12/10/08	(16,000)	(680)	(60)	(520)	(1,400)	(10)	(ND<2.5)	(ND<2.5)	28.40	0.00	304.59	332.99	51.90
MW-15	03/25/09	(7,800)	(360)	(20)	(200)	(242)	(ND<20)	(ND<5)	(ND<5)	7.72	0.00	325.27	332.99	52.09
MW-15	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	332.99	NM
MW-15	07/07/09	(8,200)	(270)	(14)	(200)	(226.4)	(ND<10)	(ND<2.5)	(ND<2.5)	11.99	0.00	321.00	332.99	52.10
MW-15	03/24/10	(2,700)	(150)	(16)	(120)	(137.3)	(ND<2.0)	(0.61)	(ND<0.50)	5.83	0.00	327.16	332.99	51.84
MW-15	09/22/10	(2,800)	(170)	(10)	(87)	(73)	(ND<10)	(ND<2.5)	(ND<2.5)	7.69	0.00	325.30	332.99	51.88
MW-15	02/10/11	(1,800)	(79)	(5.8)	(44)	(74.2)	(ND<2.0)	(ND<0.50)	(ND<0.50)	7.00	0.00	325.99	332.99	51.86
MW-15	11/20/12	(2,400)	(83)	(5.2)	(14)	(25.2)	ND<2.0)	(ND<0.50)	(ND<0.50)	16.31	0.00	316.68	332.99	50.18
MW-16	03/13/89	5,000	21	100	93	110	–	–	–	48.67	–	–	333.00	–
MW-16	06/21/89	34,000	1,600	830	1,100	2,600	–	–	–	27.19	–	–	333.00	–
MW-16	09/06/89	Well Dry						–	–		Well Dry			–
MW-16	12/20/89	4,000	2,500	51	360	130	–	–	–	51.76	–	–	333.00	–
MW-16	03/30/90	9,400	3,600	190	980	1,600	–	–	–	52.17	–	–	333.00	–
MW-16	06/29/90	8,700	1,800	61	580	380	–	–	–	51.53	–	–	333.00	–
MW-16	09/20/90	5,600	1,000	33	240	66	–	–	–	51.32	–	281.64	332.96	–
MW-16	12/20/90	6,800	1,800	18	250	57	–	–	–	50.75	–	282.21	332.96	–
MW-16	03/21/91	22,000	2,000	440	1,500	3,400	–	–	–	26.34	–	306.62	332.96	–

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-16	07/11/91	18,000	1,100	860	400	1,780	–	–	–	37.69	–	295.27	332.96	–
MW-16	11/01/91	46,000	7,200	5,800	10,900	1,900	–	–	–	45.64	–	287.32	332.96	–
MW-16	04/07/92	–	–	–	–	–	–	–	–	21.11	–	311.85	332.96	–
MW-16	06/22/92	–	–	–	–	–	–	–	–	30.24	–	302.72	332.96	–
MW-16	09/02/92	49,000	3,600	1,500	940	4,600	–	–	–	37.93	–	295.03	332.96	–
MW-16	12/03/92	–	–	–	–	–	–	–	–	44.46	–	288.50	332.96	–
MW-16	04/28/93	35,000	3,200	1,300	1,100	2,900	–	–	–	10.64**	–	323.44	334.08**	–
MW-16	06/22/93	22,000	3,900	1,800	1,200	4,200	–	–	–	10.34**	–	323.74	334.08**	–
MW-16	09/28/93	1,000	13	5.5	20	68	–	–	–	13.45**	–	320.63	334.08**	–
MW-16	12/29/93	27,000	1,300	720	1,400	3,800	–	–	–	12.69**	–	321.39	334.08**	–
MW-16	03/29/94	50,000	1,200	880	1,100	2,800	–	–	–	10.78**	–	323.30	334.08**	–
MW-16	05/25/94	21,700	1,651	841	1,175	2,819	–	–	–	9.98	–	323.70	333.68	–
MW-16	08/11/94	754,800	1,216	1,324	3,617	7,090	–	–	–	14.72	–	318.96	333.68	–
MW-16	11/22/94	3,105	101*	13.3	20	48.2	–	–	–	16.07	–	317.61	333.68	–
MW-16	03/02/95	Separate-Phase Hydrocarbons						–	–	7.96	–	325.72	333.68	–
MW-16	05/24/95	Separate-Phase Hydrocarbons						–	–	8.44	–	325.23	333.68	–
MW-16	08/09/95	8,700	490	140	390	460	–	–	–	16.90	–	316.78	333.68	53.20
MW-16	11/09/95	15,000	650	200	400	560	–	–	–	14.94	–	318.74	333.68	53.20
MW-16	02/08/96	2,100	16	17	78	70	43	–	–	7.86	–	325.82	333.68	53.20
MW-16	05/01/96	5,600	270	75	230	230	120	–	–	9.65	–	324.03	333.68	53.20
MW-16	08/31/96	14,000	91	41	ND	100	ND	–	–	13.20	–	320.48	333.68	53.20
MW-16	12/04/96	9,500	31	33	110	170	130	–	–	11.52	–	322.16	333.68	53.20
MW-16	03/11/97	9,700	120	43	280	180	1,000	(1.1)	(ND)	4.83	–	328.85	333.68	53.20
MW-16	06/05/97	9,500	45	26	160	94	600	–	–	8.31	–	325.37	333.68	53.20
MW-16	09/04/97	5,000	18	23	15	28	410	–	–	12.48	–	321.20	333.68	53.20
MW-16	11/15/97	5,700	15	27	23	20	140	–	–	11.87	–	321.81	333.68	53.20
MW-16	03/23/98	5,000	63	39	140	47	2,700	–	–	3.72	–	329.96	333.68	53.20
MW-16	06/09/98	5,200	38	27	100	34	1,900	–	–	4.97	–	328.71	333.68	53.20
MW-16	09/30/98	5,090	17	7.7	28	12	543	–	–	10.85	–	322.83	333.68	53.20
MW-16	12/08/98	145	ND	ND	ND	ND	246	–	–	10.55	–	323.13	333.68	53.20
MW-16	03/11/99	550	12.3	ND<2.5	7.65	2.54	137	–	–	10.27	–	323.41	333.68	53.13
MW-16	05/11/99	4,800	110	33.6	ND<20	ND<20	355/(111)	–	–	10.92	–	322.82	333.74	53.13
MW-16	08/04/99	8,800	69	56	150	63	440	–	–	10.87	–	322.87	333.74	53.16
MW-16	11/15/99	1,000	6.2	3.2	20	9.1	ND<10	–	–	21.62	0.00	312.12	333.74	53.20
MW-16	02/08/00	14,500	23	43	360	160	18	–	–	15.49	0.00	318.25	333.74	53.17
MW-16	05/08/00	6,200	35	13	130	65	91	–	–	9.84	0.00	323.90	333.74	53.09
MW-16	08/03/00	2,500	(13)	(2.0)	(32)	(ND<1.5)	(54)	(ND<0.5)	(ND<0.5)	11.97	0.00	321.77	333.74	53.19
MW-16	11/13/00	4,400	(7.8)	(2.3)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.99	0.00	315.75	333.74	53.22
MW-16	02/09/01	3,500	(11)	(3.2)	(41)	(6.8)	(8.6)	(ND<0.5)	(ND<0.5)	13.38	0.00	320.36	333.74	53.21
MW-16	05/04/01	6,000	(11)	(1.9)	(27)	(7.1)	(5.3)	(ND<0.5)	(ND<0.5)	12.19	0.00	321.55	333.74	53.21

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-16	09/27/01	6,000	(120)	(18)	(150)	(90.5)	(45)	(ND<0.5)	(ND<0.5)	23.54	0.00	310.20	333.74	53.21
MW-16	11/09/01	6,900	(120)	(19)	(160)	(79.1)	(32)	(0.72)	–	19.69	0.00	314.05	333.74	53.21
MW-16	01/25/02	(10,000)	(78)	(19)	(140)	(81.6)	(15)	(4.0)	(ND<2.5)	12.38	0.00	321.29	333.67	53.21
MW-16	05/08/02	(6,800)	(8.7)	(4.4)	(55)	(15)	(ND<2)	(ND<1)	(ND<1)	12.45	0.00	321.22	333.67	53.42
MW-16	07/30/02	(8,000)	(6.8)	(5.3)	(130)	(13)	(ND<2)	–	–	27.67	0.00	306.00	333.67	53.42
MW-16	11/20/02	(5,300)	(89)	(13)	(130)	(40.4)	(5.9)	(ND<0.5)	(ND<0.5)	17.08	0.00	316.59	333.67	53.42
MW-16	01/11/03	(6,800)	(11)	(5.3)	(71)	(22)	(ND<4)	(ND<1)	(ND<1)	10.44	0.00	323.23	333.67	53.33
MW-16[6]	05/15/03	(3,600)	(18)	(ND<0.5)	(62)	(26.1)	(2.3)	(ND<1)	(ND<1)	9.20	0.00	324.47	333.67	52.06
MW-16	07/18/03	(3,500)	(69)	(30)	(35)	(55.9)	(4.8)	(ND<0.5)	(ND<0.5)	14.68	0.00	318.99	333.67	53.40
MW-16	10/15/03	(2,900)	(45)	(13)	(67)	(40.4)	(2.6)	(ND<0.5)	(ND<0.5)	18.80	0.00	314.87	333.67	53.40
MW-16	01/29/04	(2,800)	(14)	(3.3)	(25)	(7.81)	(ND<2)	(ND<0.5)	(ND<0.5)	12.34	0.00	321.33	333.67	53.36
MW-16	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ----------								10.69	0.00	322.98	333.67	53.48
MW-16	08/30/04	---------- Not Sampled due to Sampling Reduction Plan ----------								19.37	0.00	314.30	333.67	53.33
MW-16	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ----------								17.90	0.00	315.77	333.67	53.34
MW-16	03/02/05	(4,000)	(11)	(3.7)	(24)	(8.5)	(ND<2)	(ND<0.5)	(ND<0.5)	9.50	0.00	324.17	333.67	53.38
MW-16	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ----------								8.14	0.00	325.53	333.67	NM
MW-16	08/29/05	---------- Not Sampled due to Sampling Reduction Plan ----------								9.69	0.00	323.98	333.67	53.57
MW-16	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ----------								12.44	0.00	321.23	333.67	53.55
MW-16	03/03/06	(2,100)	(2.5)	(0.97)	(2.0)	(1.6)	(ND<2)	(0.61)	(ND<0.5)	7.82	0.00	325.85	333.67	53.35
MW-16	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ----------								7.26	0.00	326.41	333.67	53.38
MW-16	08/28/06	---------- Not Sampled due to Sampling Reduction Plan ----------								9.33	0.00	324.34	333.67	53.63
MW-16	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ----------								11.64	0.00	322.03	333.67	53.26
MW-16	02/22/07	(4,600)	(33)	(5.3)	(40)	(18.6)	(ND<2)	(ND<0.5)	(ND<0.5)	9.51	0.00	324.16	333.67	53.35
MW-16	05/08/07	---------- Not Sampled due to Sampling Reduction Plan ----------								9.72	0.00	323.95	333.67	53.36
MW-16	08/06/07	---------- Not Sampled due to Sampling Reduction Plan ----------								15.82	0.00	317.85	333.67	53.35
MW-16	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ----------								18.54	0.00	315.13	333.67	53.37
MW-16	02/27/08	(2,700)	(8.5)	(2.1)	(5.7)	(4.48)	(ND<2)	(ND<0.5)	(ND<0.5)	8.42	0.00	325.25	333.67	53.15
MW-16	06/09/08	---------- Not Sampled due to Sampling Reduction Plan ----------								12.97	0.00	320.70	333.67	53.38
MW-16	09/08/08	---------- Not Sampled due to Sampling Reduction Plan ----------								25.39	0.00	308.28	333.67	53.38
MW-16	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ----------								27.21	0.00	306.46	333.67	53.10
MW-16	03/25/09	(4,700)	(42)	(6.3)	(20)	(17.6)	(ND<2)	(ND<0.5)	(ND<0.5)	10.01	0.00	323.66	333.67	53.33
MW-16	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	333.67	NM
MW-16	07/07/09	(2,800)	(46)	(7.2)	(19)	(11.8)	(ND<4)	(ND<1)	(ND<1)	13.12	0.00	320.55	333.67	53.38
MW-16	03/24/10	(920)	(10)	(2.4)	(13)	(12.4)	(ND<2.0)	(ND<0.50)	(ND<0.50)	6.81	0.00	326.86	333.67	53.37
MW-16	09/22/10	(910)	(6.3)	(1.3)	(4.9)	(4.03)	(ND<2.0)	(ND<0.50)	(ND<0.50)	9.21	0.00	324.46	333.67	53.50
MW-16	02/10/11	(520)	(3.7)	(0.97)	(2.6)	(2.4)	(ND<2.0)	(ND<0.50)	(ND<0.50)	8.07	0.00	325.60	333.67	53.50
MW-17	03/13/89	8,900	720	470	180	790	–	–	–	43.11	–	–	–	–
MW-17	06/21/89	52,000	130	150	17	120	–	–	–	17.47	–	–	–	–
MW-17	09/06/89	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-17	12/20/89	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-17	03/30/90	–	–	–	–	–	–	–	–	–	–	–	–	–

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-17	06/29/90	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	09/20/90	--	--	--	--	--	--	--	--	--	--	--	332.45	--
MW-17	12/21/90	58,000	6,900	610	1,700	6,300	--	--	--	47.75	--	284.70	332.45	--
MW-17	03/21/91	75,000	8,900	6,300	1,700	10,000	--	--	--	18.49	--	313.96	332.45	--
MW-17	07/11/91	--	--	--	--	--	--	--	--	--	--	--	332.45	--
MW-17	11/01/91	--	--	--	--	--	--	--	--	--	--	--	332.45	--
MW-17	04/07/92	3,600	1,670	ND	140	ND	--	--	--	17.75	--	314.70	332.45	--
MW-17	06/22/92	17,000	3,460	325	705	4,445	--	--	--	46.20	--	286.25	332.45	--
MW-17	09/02/92	--	--	--	--	--	--	--	--	49.37	--	283.08	332.45	--
MW-17	12/03/92	26,700	3,940	162	1,180	2,924	--	--	--	47.78	--	284.67	332.45	--
MW-17	04/28/93	140,000	10,000	7,900	3,400	17,000	--	--	--	9.86**	--	323.87	333.73**	--
MW-17	06/22/93	43,000	4,900	4,600	1,900	10,000	--	--	--	9.27**	--	324.46	333.73**	--
MW-17	09/28/93	140,000	13,000	17,000	3,000	17,000	--	--	--	11.74**	--	321.99	333.73**	--
MW-17	12/28/93	Well Inaccessible						--	--	Well Inaccessible				--
MW-17	03/29/94	60,000	4,000	3,700	2,300	13,000	--	--	--	Well Inaccessible				--
MW-17	05/26/94	74,000	10,339	11,440	3,525	19,236	--	--	--	9.46	--	323.70	333.16	--
MW-17	08/11/94	51,400	7,287	2,342	3,687	14,991	--	--	--	14.14	--	319.02	333.16	--
MW-17	11/22/94	4,932	238*	101.4	25	333	--	--	--	15.47	--	317.69	333.16	--
MW-17	03/02/95	Well Inaccessible						--	--	Well Inaccessible				--
MW-17	03/02/95	Well Inaccessible						--	--	Well Inaccessible				--
MW-17	03/02/95	Well Inaccessible						--	--	Well Inaccessible				--
MW-17	03/02/95	Well Inaccessible						--	--	Well Inaccessible				--
MW-17	03/02/95	Well Inaccessible						--	--	Well Inaccessible				--
MW-17	03/02/95	Well Inaccessible						--	--	Well Inaccessible				--
MW-17	03/02/95	Well Inaccessible						--	--	Well Inaccessible				--
MW-17	03/02/95	Well Inaccessible						--	--	Well Inaccessible				--
MW-17	03/02/95	Well Inaccessible						--	--	Well Inaccessible				--
MW-17	03/02/95	Well Inaccessible						--	--	Well Inaccessible				--
MW-17	03/02/95	Well Inaccessible						--	--	Well Inaccessible				--
MW-17	12/08/98	60,800	3,920	1,250	2,450	12,100	1,530	--	--	9.80	--	323.36	333.16	--
MW-17	03/11/99	47,600	2,920	3,660	2,380	8,420	1,070/(1,780)	--	--	9.20	--	323.36	333.16	49.78
MW-17	05/11/99	65,000	3,770	3,130	2,110	8,250	ND<2,500	--	--	10.21	--	323.36	333.58	49.77
MW-17	08/04/99	Well not sampled - Free product found when bailing						--	--	10.17	--	323.36	333.58	49.79
MW-17	11/15/99	Well not sampled - Free product						--	--	20.09	0.24	NC	333.58	NM
MW-17	02/08/00	Well not sampled - Free product						--	--	9.87	0.01	NC	333.58	NM
MW-17	05/08/00	75,000	2,400	1,900	2,100	7,800	<500	--	--	7.95	0.00	325.63	333.58	49.85
MW-17	08/03/00	66,000	(3,300)	(2,500)	(3,200)	(12,700)	(ND<500)	(ND<50)	(ND<50)	11.24	0.00	322.34	333.58	49.77
MW-17	11/13/00	53,000	(1,700)	(1,400)	(2,700)	(9,800)	(ND<40)	(ND<10)	(ND<10)	13.05	0.00	320.53	333.58	49.80
MW-17	02/09/01	140,000	(4,700)	(2,400)	(3,300)	(10,200)	(140)	(ND<10)	(ND<10)	12.71	0.00	320.87	333.58	49.83
MW-17	05/04/01	75,000	(2,900)	(1,800)	(2,000)	(6,800)	(ND<200)	(ND<50)	(ND<50)	10.42	0.00	323.16	333.58	49.83
MW-17	09/27/01	Well Destroyed July 12, 2001						--	--	Well Destroyed July 12, 2001				

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-18	09/20/90	Well Dry						--	--	--	--	--	--	--
MW-18	12/20/90	Well Dry						--	--		Well Dry			--
MW-18	03/21/91	22,000	1,400	600	170	1,300	--	--	--	34.75	--	--	--	--
MW-18	07/11/91	4,000	310	100	45	231	--	--	--	41.82	--	--	--	--
MW-18	11/01/91	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	04/07/92	1,600	400	32	16	92	--	--	--	23.66	--	--	--	--
MW-18	06/22/92	8,800	494	182	38	577	--	--	--	43.13	--	--	--	--
MW-18	09/02/92	5,700	680	34	19	91	--	--	--	47.40	--	--	--	--
MW-18	12/03/92	Well Dry						--	--		Well Dry			--
MW-18	04/28/93	1,100	97	4.6	28	12	--	--	--	14.19**	--	322.36	336.55**	--
MW-18	06/21/93	1,900	130	8.9	53	29	--	--	--	14.18**	--	322.37	336.55**	--
MW-18	09/28/93	1,600	56	4.4	20	13	--	--	--	16.23**	--	320.32	336.55**	--
MW-18	12/28/93	1,200	36	7.4	13	12	--	--	--	15.97**	--	320.58	336.55**	--
MW-18	03/29/94	1,200	31	10	14	13	--	--	--	14.92**	--	321.63	336.55**	--
MW-18	05/25/94	700	22.8	4.1	11	8.5	--	--	--	14.05	--	321.93	335.98	--
MW-18	08/11/94	600	3.3	4.4	5.0	5.4	--	--	--	17.78	--	318.20	335.98	--
MW-18	11/22/94	2,326	127*	1.8	8.0	6.7	--	--	--	20.62	--	315.36	335.98	--
MW-18	03/02/95	ND	5.6	7.1	4.0	4.4	--	--	--	11.57	--	324.41	335.98	--
MW-18	05/24/95	ND	ND	ND	ND	ND	--	--	--	9.06	--	326.92	335.98	--
MW-18	08/09/95	160	0.6	1.3	ND	ND	--	--	--	15.86	--	320.12	335.98	--
MW-18	11/09/95	270	0.62	3.1	3.0	ND	--	--	--	18.47	--	317.51	335.98	--
MW-18	02/08/96	72	ND	ND	ND	ND	11	--	--	9.59	--	326.39	335.98	--
MW-18	05/01/96	ND	ND	ND	ND	ND	ND	--	--	9.95	--	326.03	335.98	--
MW-18	08/31/96	210	ND	2.5	ND	0.59	35	--	--	17.90	--	318.08	335.98	--
MW-18	12/04/96	280	1.2	4.4	0.87	1.2	61	--	--	15.47	--	320.51	335.98	--
MW-18	03/11/97	ND	ND	ND	ND	ND	ND	(ND)	(ND)	6.64	--	329.34	335.98	--
MW-18	06/05/97	72	ND	1.3	ND	ND	21	--	--	10.41	--	325.57	335.98	--
MW-18	09/04/97	70	ND	ND	ND	ND	35	--	--	15.83	--	320.15	335.98	--
MW-18	11/15/97	130	ND	ND	ND	ND	49	--	--	15.33	--	320.65	335.98	--
MW-18	03/23/98	ND	ND	ND	ND	ND	ND	--	--	5.78	--	330.20	335.98	--
MW-18	06/09/98	ND	ND	3.0	ND	ND	170	--	--	9.00	--	326.98	335.98	--
MW-18	09/30/98	301	ND	ND	ND	ND	644	--	--	14.56	--	321.42	335.98	--
MW-18	12/08/98	619	ND	ND	ND	0.6	1,690	--	--	14.29	--	321.69	335.98	--
MW-18	03/11/99	Well Not Sampled						--	--	13.76	--	322.22	335.98	48.15
MW-18	05/11/99	Well Not Sampled						--	--	14.73	--	321.47	336.20	48.13
MW-18	08/04/99	Well Not Sampled						--	--	14.53	--	321.67	336.20	48.16
MW-18	11/15/99	ND<100	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	31.46	0.00	304.74	336.20	48.20
MW-18	02/08/00	100	ND<0.3	0.8	0.5	ND<0.6	170	--	--	15.23	0.00	320.97	336.20	47.53
MW-18	05/08/00	520	0.99	1.9	1.2	ND (<1.0)	280	--	--	13.23	0.00	322.97	336.20	47.55

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-18	08/03/00	140	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(300)	(ND<0.5)	(ND<0.5)	15.46	0.00	320.74	336.20	47.53
MW-18	11/13/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(82)	(ND<0.5)	(ND<0.5)	15.65	0.00	320.55	336.20	47.51
MW-18	02/09/01	--	--	--	--	--	--	--	--	16.27	0.00	319.93	336.20	47.50
MW-18	02/16/01	140	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(110)	(ND<0.5)	(ND<0.5)	14.84	0.00	321.36	336.20	47.50
MW-18	05/04/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(95)	(ND<0.5)	(ND<0.5)	14.83	0.00	321.37	336.20	47.50
MW-18	09/27/01	280	(0.80)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(57)	(ND<0.5)	(ND<0.5)	26.80	0.00	309.40	336.20	47.53
MW-18	11/09/01	290	(1.0)	(0.56)	(0.50)	(ND<1.5)	(78)	(ND<0.5)	--	29.76	0.00	306.44	336.20	47.53
MW-18	01/25/02	(120)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(51)	(ND<0.5)	(ND<0.5)	15.17	0.00	320.81	335.98	47.53
MW-18	05/08/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(37)	(ND<0.5)	(ND<0.5)	15.37	0.00	320.61	335.98	47.65
MW-18	07/30/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(13)	--	--	30.35	0.00	305.63	335.98	47.65
MW-18	11/19/02	(890)	(0.94)	(ND<0.5)	(1.2)	(1.7)	(14)	(ND<0.5)	(ND<0.5)	27.95	0.00	308.03	335.98	47.61
MW-18	01/11/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(4.3)	(ND<0.5)	(ND<0.5)	12.35	0.00	323.63	335.98	47.35
MW-18	04/29/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(15)	(ND<0.5)	(ND<0.5)	14.40	0.00	321.58	335.98	47.64
MW-18	07/17/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(14)	(ND<0.5)	(ND<0.5)	18.51	0.00	317.47	335.98	47.36
MW-18	10/14/03	(130)	(0.88)	(ND<0.5)	(ND<0.5)	(0.63[1])	(10)	(ND<0.5)	(ND<0.5)	29.25	0.00	306.73	335.98	47.62
MW-18	01/26/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5	(6.6)	(ND<0.5)	(ND<0.5)	15.95	0.00	320.03	335.98	47.40
MW-18	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ----------								15.25	0.00	320.73	335.98	47.72
MW-18	08/30/04	---------- Not Sampled due to Sampling Reduction Plan ----------								30.95	0.00	305.03	335.98	47.92
MW-18	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ----------								29.25	0.00	306.73	335.98	47.60
MW-18	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(4.3)	(ND<0.5)	(ND<0.5)	12.54	0.00	323.44	335.98	47.61
MW-18	05/17/05	---------- Not Sampled due to Sampling Reduction Plan ----------								11.08	0.00	324.90	335.98	NM
MW-18	08/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.15	0.00	320.83	335.98	47.83
MW-18	12/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.62	0.00	318.36	335.98	47.61
MW-18	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.10	0.00	322.88	335.98	47.59
MW-18	06/08/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.36	0.00	323.62	335.98	47.62
MW-18	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.59	0.00	321.39	335.98	47.64
MW-18	11/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.02	0.00	319.96	335.98	47.51
MW-18	02/23/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.02	0.00	321.96	335.98	47.59
MW-18	05/09/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.41	0.00	321.57	335.98	47.59
MW-18	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.51	0.00	314.47	335.98	47.60
MW-18	10/30/07	(3,600)	(5.5)	(2.3)	(3.5)	(4.45)	(ND<2)	(ND<0.5)	(ND<0.5)	31.54	0.00	304.44	335.98	47.63
MW-18	02/26/08	(120)	(0.86)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.78	0.00	323.20	335.98	47.50
MW-18	--	---------- Well Destroyed May 1, 2008 ----------								NA	NA	NA	NA	NA
MW-19	09/20/90	---------- Well Dry ----------						--	--	--	--	--	--	--
MW-19	12/20/90	---------- Well Dry ----------						--	--		---------- Well Dry ----------			--
MW-19	03/21/91	---------- Well Dry ----------						--	--		---------- Well Dry ----------			--
MW-19	07/11/91	760	16	2.0	4.0	5.0	--	--	--	48.40	--	--	--	--
MW-19	11/01/91	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	04/07/92	70	2.4	3.6	5.0	35.8	--	--	--	41.25	--	--	--	--

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-19	06/22/92	–	–	–	–	–	–	–	–	48.85	–	–	–	–
MW-19	09/02/92	–	–	–	–	–	–	–	–		Well Dry			–
MW-19	12/03/92	Well Dry						–	–		Well Dry			–
MW-19	04/28/93	ND	ND	ND	ND	ND	–	–	–	15.32**	–	318.79	334.11**	–
MW-19	06/22/93	ND	ND	ND	ND	ND	–	–	–	17.81**	–	316.30	334.11**	–
MW-19	09/28/93	ND	ND	ND	ND	ND	–	–	–	23.08**	–	311.03	334.11**	–
MW-19	12/29/93	ND	ND	ND	ND	ND	–	–	–	18.7**	–	315.41	334.11**	–
MW-19	03/29/94	ND	ND	ND	ND	ND	–	–	–	20.26**	–	313.85	334.11**	–
MW-19	05/26/94	ND	ND	ND	ND	ND	–	–	–	19.90	–	313.80	333.70	–
MW-19	08/11/94	ND	2.5	ND	0	1.0	–	–	–	25.45	–	308.25	333.70	–
MW-19	11/22/94	1,034	ND*	ND	ND	20.6	–	–	–	22.99	–	310.71	333.70	–
MW-19	03/02/95	ND	ND	ND	ND	ND	–	–	–	13.81	–	319.89	333.70	50.25
MW-19	05/24/95	ND	ND	ND	ND	ND	–	–	–	12.03	–	321.67	333.70	50.25
MW-19	08/09/95	ND	ND	0.6	ND	1.5	–	–	–	20.77	–	312.93	333.70	50.25
MW-19	11/09/95	ND	ND	ND	ND	ND	–	–	–	20.30	–	313.40	333.70	50.25
MW-19	02/08/96	ND	ND	ND	ND	ND	ND	–	–	12.79	–	320.91	333.70	50.25
MW-19	05/01/96	ND	ND	ND	ND	ND	ND	–	–	10.50	–	323.20	333.70	50.25
MW-19	08/31/96	ND	ND	ND	ND	ND	ND	–	–	23.30	–	310.40	333.70	50.25
MW-19	12/04/96	ND	ND	ND	ND	ND	ND	–	–	16.31	–	317.39	333.70	50.25
MW-19	03/11/97	ND	ND	ND	ND	ND	ND	(ND)	(ND)	6.11	–	327.59	333.70	50.25
MW-19	06/05/97	ND	ND	ND	ND	ND	ND	–	–	11.00	–	325.66	336.66	50.25
MW-19	09/04/97	ND	ND	ND	ND	ND	ND	–	–	19.20	–	314.50	333.70	50.25
MW-19	11/15/97	ND	ND	ND	ND	ND	ND	–	–	18.66	–	315.04	333.70	50.25
MW-19	03/23/98	ND	ND	ND	ND	ND	ND	–	–	4.71	–	328.99	333.70	50.25
MW-19	06/09/98	ND	ND	ND	ND	ND	ND	–	–	7.37	–	326.33	333.70	50.25
MW-19	09/30/98	ND	ND	ND	ND	ND	ND	–	–	9.69	–	324.01	333.70	50.25
MW-19	12/08/98	ND	ND	ND	ND	ND	ND	–	–	18.96	–	314.74	333.70	50.25
MW-19	03/11/99	ND	ND	ND	ND	ND	ND	–	–	21.59	–	312.11	333.70	50.26
MW-19	05/11/99	ND	ND	ND	ND	ND	ND	–	–	22.50	–	311.31	333.81	50.24
MW-19	08/04/99	2,900	7.0	3.2	1.3	1.8	70	–	–	22.19	–	311.62	333.81	50.24
MW-19	11/15/99	1,600	0.62	1.6	ND<0.3	ND<0.6	21	–	–	25.73	0.00	308.08	333.81	50.25
MW-19	02/08/00	110	ND<0.3	ND<0.3	0.4	ND<0.6	ND<10	–	–	14.92	0.00	318.89	333.81	50.21
MW-19	05/08/00	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<1.0	7.3	–	–	19.59	0.00	314.22	333.81	50.19
MW-19	08/03/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<5)	(ND<0.5)	(ND<0.5)	21.91	0.00	311.90	333.81	50.17
MW-19	11/13/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.07	0.00	314.74	333.81	50.22
MW-19	02/09/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.92	0.00	314.89	333.81	50.22
MW-19	05/04/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.21	0.00	314.60	333.81	50.22
MW-19	09/27/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	31.03	0.00	302.78	333.81	50.30
MW-19	11/09/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(0.71)	–	29.99	0.00	303.82	333.81	50.30
MW-19	01/25/02	(ND<100)	(210)	(ND<0.5)	(0.59)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.45	0.00	314.27	333.72	50.30

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-19	05/08/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.59	0.00	310.13	333.72	50.43
MW-19	07/30/02	(3,300)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	–	–	39.30	0.00	294.42	333.72	50.43
MW-19	11/18/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	28.74	0.00	304.98	333.72	50.90
MW-19	01/11/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(2.9)	(ND<0.5)	(ND<0.5)	14.00	0.00	319.72	333.72	50.15
MW-19	05/01/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.97	0.00	314.75	333.72	50.35
MW-19	07/17/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	29.06	0.00	304.66	333.72	50.13
MW-19	10/14/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	34.35	0.00	299.37	333.72	50.40
MW-19	01/27/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.91	0.00	312.81	333.72	50.08
MW-19	05/20/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.54	0.00	307.18	333.72	50.35
MW-19	08/30/04	(600)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	40.23	0.00	293.49	333.72	50.32
MW-19	11/30/04	(4,200)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	34.55	0.00	299.17	333.72	50.37
MW-19	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.95	0.00	319.77	333.72	50.40
MW-19	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.55	0.00	318.17	333.72	NM
MW-19	08/31/05	(1,000)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.62	0.00	308.10	333.72	50.56
MW-19	11/30/05	(4,400)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	27.96	0.00	305.76	333.72	50.37
MW-19	03/02/06	(1,000)	(ND<0.5)	(1.9)	(ND<0.5)	(0.52)	(ND<2)	(ND<0.5)	(ND<0.5)	17.22	0.00	316.50	333.72	50.38
MW-19	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.08	0.00	317.64	333.72	50.38
MW-19	08/29/06	(470)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.03	0.00	310.69	333.72	50.37
MW-19	11/28/06	(13,000)	(8.4)	(0.94)	(1.0)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.68	0.00	309.04	333.72	50.23
MW-19	02/22/07	(310)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.65	0.00	315.07	333.72	50.38
MW-19	05/08/07	(2,500)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.48	0.00	313.24	333.72	50.34
MW-19	08/07/07	(3,100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	30.12	0.00	303.60	333.72	50.35
MW-19	10/30/07	(3,000)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	31.11	0.00	302.61	333.72	50.37
MW-19	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.75	0.00	319.97	333.72	50.25
MW-19	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.36	0.00	309.36	333.72	50.37
MW-19	09/09/08	(2,600)	(6.1)	(0.75)	(1.4)	(1.7)	(ND<2)	(0.61)	(ND<0.5)	44.67	0.00	289.05	333.72	50.38
MW-19	12/09/08	(1,200)	(71)	(1.9)	(6.0)	(5.4)	(ND<2)	(ND<0.5)	(ND<0.5)	44.44	0.00	289.28	333.72	50.16
MW-19	03/24/09	(ND<100)	(0.75)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.45	0.00	316.27	333.72	50.41
MW-19	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	333.72	NM
MW-19	07/07/09	(3,300)	(8.2)	(1.7)	(3.1)	(3.2)	(ND<4)	(ND<1)	(ND<1)	26.48	0.00	307.24	333.72	50.41
MW-19	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	11.33	0.00	322.39	333.72	50.42
MW-19	09/22/10	(1,500)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	16.64	0.00	317.08	333.72	50.41
MW-19	02/09/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(1.0)	(ND<0.50)	15.11	0.00	318.61	333.72	50.44
MW-20	09/20/90	Well Dry						–	–	–	–	–	–	–
MW-20	12/20/90	Well Dry						–	–		Well Dry			–
MW-20	03/21/91	Well Dry						–	–		Well Dry			–
MW-20	07/11/91	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-20	11/01/91	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-20	04/07/92	–	–	–	–	–	–	–	–	36.00	–	–	–	–

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-20	06/22/92	--	--	--	--	--	--	--	--		Well Dry			--
MW-20	09/02/92	--	--	--	--	--	--	--	--		Well Dry			--
MW-20	12/03/92	Well Dry						--	--		Well Dry			--
MW-20	04/28/93	2,900	62	16	110	200	--	--	--	16.44**	--	320.49	336.93**	--
MW-20	06/21/93	11,000	180	180	890	2,000	--	--	--	16.10**	--	320.83	336.93**	--
MW-20	09/28/93	12,000	110	97	670	1,200	--	--	--	20.33**	--	316.60	336.93**	--
MW-20	12/28/93	6,500	340	50	320	580	--	--	--	18.74**	--	318.19	336.93**	--
MW-20	03/29/94	2,500	110	11	51	74	--	--	--	18.20**	--	318.73	336.93**	--
MW-20	05/25/94	1,300	53	8.4	77	124.5	--	--	--	16.73	--	319.93	336.66	--
MW-20	08/11/94	3,900	117	15	221	263.3	--	--	--	21.70	--	314.96	336.66	--
MW-20	11/22/94	2,505	127*	1.5	14	10	--	--	--	23.70	--	312.96	336.66	--
MW-20	03/02/95	ND	ND	ND	ND	ND	--	--	--	13.81	--	322.85	336.66	37.45
MW-20	05/24/95	68	0.4	ND	1.0	3.9	--	--	--	11.55	--	325.11	336.66	37.45
MW-20	08/09/95	280	3.7	0.7	ND	5.8	--	--	--	16.79	--	319.87	336.66	37.45
MW-20	11/09/95	260	0.91	0.86	2.0	7.4	--	--	--	18.55	--	318.11	336.66	37.45
MW-20	02/08/96	ND	ND	ND	ND	ND	ND	--	--	9.95	--	326.71	336.66	37.45
MW-20	05/01/96	ND	ND	ND	ND	ND	ND	--	--	10.47	--	326.19	336.66	37.45
MW-20	08/31/96	560	ND	2.2	ND	1.4	ND	--	--	17.70	--	318.96	336.66	37.45
MW-20	12/04/96	ND	ND	ND	ND	ND	ND	--	--	16.18	--	320.48	336.66	37.45
MW-20	03/11/97	ND	ND	ND	ND	ND	ND	(ND)	(ND)	7.29	--	329.37	336.66	37.45
MW-20	06/05/97	ND	ND	ND	ND	ND	ND	--	--	11.00	--	325.66	336.66	--
MW-20	09/04/97	ND	ND	ND	ND	ND	ND	--	--	16.35	--	320.31	336.66	37.45
MW-20	11/15/97	ND	ND	ND	ND	ND	ND	--	--	16.88	--	319.78	336.66	37.45
MW-20	03/23/98	ND	ND	ND	ND	ND	ND	--	--	6.47	--	330.19	336.66	37.45
MW-20	06/09/98	ND	ND	ND	ND	ND	ND	--	--	9.57	--	327.09	336.66	37.45
MW-20	09/30/98	ND	ND	ND	ND	ND	ND	--	--	15.97	--	320.69	336.66	37.45
MW-20	12/08/98	197	ND	ND	ND	1.5	ND	--	--	15.89	--	320.77	336.66	37.45
MW-20	03/11/99	ND	ND	ND	ND	ND	ND	--	--	15.38	--	321.28	336.66	37.45
MW-20	05/11/99	ND	0.528	ND	ND	ND	ND	--	--	16.35	--	320.43	336.78	37.44
MW-20	08/04/99	ND<100	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	16.41	--	320.37	336.78	37.46
MW-20	11/15/99	ND<100	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	30.77	0.00	306.01	336.78	37.53
MW-20	02/08/00	230	0.4	0.6	1.1	3.8	ND<10	--	--	19.28	0.00	317.50	336.78	37.60
MW-20	05/08/00	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<5	--	--	14.18	0.00	322.60	336.78	37.64
MW-20	08/03/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<5)	(ND<0.5)	(ND<0.5)	17.23	0.00	319.55	336.78	37.63
MW-20	11/13/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.65	0.00	320.13	336.78	37.61
MW-20	02/09/01	--	--	--	--	--	--	--	--	17.43	0.00	319.35	336.78	37.60
MW-20	02/16/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.83	0.00	320.95	336.78	37.35
MW-20	05/04/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.84	0.00	320.94	336.78	37.60
MW-20	09/27/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	29.09	0.00	307.69	336.78	37.35
MW-20	11/09/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	--	31.20	0.00	305.58	336.78	37.35

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-20	01/25/02	(ND<100)	(ND<0.5)	(0.54)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.32	0.00	320.34	336.66	37.35
MW-20	05/08/02	(310)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.91	0.00	319.75	336.66	37.47
MW-20	07/30/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	–	–	34.21	0.00	302.45	336.66	37.47
MW-20	11/19/02	(580)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(4.5)	(ND<2)	(ND<0.5)	(ND<0.5)	28.07	0.00	308.59	336.66	37.50
MW-20	01/11/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.41	0.00	324.25	336.66	37.26
MW-20	04/29/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.45	0.00	321.21	336.66	37.51
MW-20	07/17/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.65	0.00	317.01	336.66	37.28
MW-20	10/14/03	(26[1])	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	32.69	0.00	303.97	336.66	37.30
MW-20	01/26/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.66	0.00	320.00	336.66	37.30
MW-20	05/19/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.07	0.00	319.59	336.66	37.65
MW-20	08/31/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	34.95	0.00	301.71	336.66	37.52
MW-20	11/30/04	Not Sampled Due to Insufficient Water								37.03	0.00	299.63	336.66	37.46
MW-20	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.35	0.00	323.31	336.66	37.45
MW-20	05/24/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.63	0.00	325.03	336.66	NM
MW-20	08/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.15	0.00	319.51	336.66	37.65
MW-20	12/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.45	0.00	317.21	336.66	37.45
MW-20	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.71	0.00	321.95	336.66	37.43
MW-20	06/08/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.33	0.00	323.33	336.66	37.44
MW-20	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.10	0.00	320.56	336.66	37.45
MW-20	11/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.46	0.00	319.20	336.66	37.35
MW-20	02/23/07	(ND<100)	(0.59)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.58	0.00	321.08	336.66	37.42
MW-20	05/09/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.83	0.00	320.83	336.66	37.45
MW-20	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.11	0.00	311.55	336.66	37.44
MW-20	10/30/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	33.74	0.00	302.92	336.66	37.47
MW-20	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.22	0.00	322.44	336.66	37.32
MW-20	–	Well Destroyed May 1, 2008								NA	NA	NA	NA	NA
MW-21	09/20/90	Well Dry						–	–	–	–	–	–	–
MW-21	12/20/90	Well Dry						–	–		Well Dry			–
MW-21	03/21/91	Well Dry						–	–		Well Dry			–
MW-21	07/11/91	Well Dry						–	–		Well Dry			–
MW-21	11/01/91	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-21	04/07/92	ND	ND	2.0	3.0	18	–	–	–	41.75	–	–	–	–
MW-21	06/22/92	–	–	–	–	–	–	–	–	49.18	–	–	–	–
MW-21	09/02/92	–	–	–	–	–	–	–	–		Well Dry			–
MW-21	12/03/92	Well Dry						–	–		Well Dry			–
MW-21	04/28/93	ND	ND	ND	ND	ND	–	–	–	13.34**	–	320.70	334.04**	–
MW-21	06/21/93	ND	ND	ND	ND	ND	–	–	–	14.00**	–	320.04	334.04**	–
MW-21	09/28/93	ND	ND	ND	ND	ND	–	–	–	16.07**	–	317.97	334.04**	–
MW-21	12/29/93	ND	ND	0.6	ND	0.7	–	–	–	11.84**	–	322.20	334.04**	–

Table 3
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World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-21	03/29/94	ND	ND	0.6	ND	1.6	--	--	--	12.10**	--	321.94	334.04**	--
MW-21	05/26/94	ND	ND	ND	ND	ND	--	--	--	10.86	--	322.55	333.41	--
MW-21	08/11/94	ND	ND	ND	ND	ND	--	--	--	15.36	--	318.05	333.41	--
MW-21	11/22/94	3,601	ND*	1.0	ND	0.7	--	--	--	15.23	--	318.18	333.41	--
MW-21	03/02/95	ND	ND	ND	ND	ND	--	--	--	7.22	--	326.19	333.41	49.25
MW-21	05/24/95	ND	ND	ND	ND	ND	--	--	--	5.93	--	327.48	333.41	49.25
MW-21	08/09/95	ND	ND	ND	ND	ND	--	--	--	10.50	--	322.91	333.41	49.25
MW-21	11/09/95	ND	ND	ND	ND	ND	--	--	--	13.62	--	319.79	333.41	49.25
MW-21	02/08/96	ND	ND	ND	ND	ND	ND	--	--	6.05	--	327.36	333.41	49.25
MW-21	05/01/96	ND	ND	ND	ND	ND	ND	--	--	7.28	--	326.13	333.41	49.25
MW-21	08/31/96	ND	ND	ND	ND	ND	ND	--	--	14.00	--	319.41	333.41	49.25
MW-21	12/04/96	ND	ND	ND	ND	ND	ND	--	--	10.86	--	322.55	333.41	49.25
MW-21	03/11/97	ND	ND	ND	ND	ND	ND	(ND)	(ND)	3.88	--	329.53	333.41	49.25
MW-21	06/05/97	ND	ND	ND	ND	ND	ND	--	--	6.38	--	327.03	333.41	49.25
MW-21	09/04/97	ND	ND	ND	ND	ND	ND	--	--	10.95	--	322.46	333.41	49.25
MW-21	11/15/97	ND	ND	ND	ND	ND	ND	--	--	10.74	--	322.67	333.41	49.25
MW-21	03/23/98	ND	ND	ND	ND	ND	ND	--	--	3.31	--	330.10	333.41	49.25
MW-21	06/09/98	ND	ND	ND	ND	ND	ND	--	--	5.20	--	328.21	333.41	49.25
MW-21	09/30/98	ND	ND	ND	ND	ND	ND	--	--	9.49	--	323.92	333.41	49.25
MW-21	12/08/98	ND	ND	ND	ND	ND	ND	--	--	9.22	--	324.19	333.41	49.25
MW-21	03/11/99	Well Not Sampled						--	--	8.24	--	325.17	333.41	48.42
MW-21	05/11/99	Well Not Sampled						--	--	8.63	--	324.95	333.58	48.41
MW-21	08/04/99	Well Not Sampled						--	--	8.39	--	325.19	333.58	48.39
MW-21	11/15/99	ND<100	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	21.19	0.00	312.39	333.58	48.44
MW-21	02/08/00	Well Not Sampled						--	--	9.03	0.00	324.55	333.58	48.55
MW-21	05/08/00	Well Not Sampled						--	--	9.17	0.00	324.41	333.58	48.55
MW-21	08/03/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<5)	(ND<0.5)	(ND<0.5)	10.38	0.00	323.20	333.58	48.55
MW-21	11/13/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.82	0.00	322.76	333.58	48.53
MW-21	02/09/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(8.9)	(ND<0.5)	(ND<0.5)	10.84	0.00	322.74	333.58	48.58
MW-21	05/04/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	9.19	0.00	324.39	333.58	48.58
MW-21	09/27/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.30	0.00	310.28	333.58	48.58
MW-21	11/09/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	--	19.21	0.00	314.37	333.58	48.58
MW-21	01/25/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	9.12	0.00	324.30	333.42	48.58
MW-21	05/08/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	9.45	0.00	323.97	333.42	45.17
MW-21	07/30/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	--	--	25.77	0.00	307.65	333.42	45.17
MW-21	11/18/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.78	0.00	318.64	333.42	49.22
MW-21	01/12/03	(ND<100)	(4.0)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.10	0.00	326.32	333.42	49.00
MW-21	05/01/03	(ND<100)	(5.0)	(3.6)	(0.97)	(4.3)	(ND<2)	(ND<0.5)	(ND<0.5)	8.10	0.00	325.32	333.42	49.29
MW-21	07/18/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.16	0.00	321.26	333.42	49.03
MW-21	10/15/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.82	0.00	317.60	333.42	49.30

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-21	01/28/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	9.52	0.00	323.90	333.42	49.09
MW-21	05/20/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	9.23	0.00	324.19	333.42	49.92
MW-21	08/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.37	0.00	318.05	333.42	49.20
MW-21	11/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.80	0.00	318.62	333.42	49.21
MW-21	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	6.00	0.00	327.42	333.42	49.27
MW-21	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	6.25	0.00	327.17	333.42	NM
MW-21	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	9.42	0.00	324.00	333.42	49.20
MW-21	11/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.76	0.00	321.66	333.42	48.85
MW-21	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	6.70	0.00	326.72	333.42	49.25
MW-21	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	6.96	0.00	326.46	333.42	48.97
MW-21	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.77	0.00	324.65	333.42	49.12
MW-21	11/28/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.70	0.00	322.72	333.42	48.84
MW-21	02/22/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.10	0.00	325.32	333.42	49.24
MW-21	05/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.45	0.00	324.97	333.42	48.90
MW-21	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.34	0.00	319.08	333.42	49.10
MW-21	10/30/07	(140)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.68	0.00	314.74	333.42	48.52
MW-21	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	6.03	0.00	327.39	333.42	47.94
MW-21	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.70	0.00	321.72	333.42	48.52
MW-21	09/08/08	Not Sampled - Well Dry								DRY	NC	NC	333.42	48.96
MW-21	12/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	43.55	0.00	289.87	333.42	47.98
MW-21	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.23	0.00	326.19	333.42	48.94
MW-21	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	333.42	NM
MW-21	07/07/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	333.42	NM
MW-21	03/23/10	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	5.76	0.00	327.66	333.42	48.94
MW-21	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	333.42	NM
MW-21	02/09/11	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.90	0.00	325.52	333.42	48.95
MW-22	10/01/86	23,000	–	–	–	–	–	–	–	–	–	–	–	–
MW-22	05/29/87	790,000	ND	1,000	380	1,300	–	–	–	–	–	–	–	–
MW-22	11/16/87	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-22	12/22/87	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-22	01/19/88	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-22	02/17/88	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-22	03/31/89	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-22	06/21/89	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-22	09/06/89	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-22	12/20/89	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-22	03/30/90	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-22	06/29/90	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-22	09/20/90	Well Dry						–	–	Well Dry				–

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-22	12/20/90	Well Dry						--	--		Well Dry			--
MW-22	03/21/91	29,000	2,700	630	990	2,400	--	--	--	21.85	--	311.37	333.22	--
MW-22	07/11/91	--	--	--	--	--	--	--	--	--	--	--	333.22	--
MW-22	11/01/91	--	--	--	--	--	--	--	--	--	--	--	333.22	--
MW-22	04/07/92	--	--	--	--	--	--	--	--	--	--	--	333.22	--
MW-22	06/22/92	--	--	--	--	--	--	--	--	--	--	--	333.22	--
MW-22	09/02/92	--	--	--	--	--	--	--	--	--	--	--	333.22	--
MW-22	12/03/92	--	--	--	--	--	--	--	--	--	--	--	333.22	--
MW-22	04/28/93	15,000	790	110	600	810	--	--	--	10.03**	--	324.07	334.10**	--
MW-22	06/22/93	7,700	610	80	660	710	--	--	--	10.00**	--	324.10	334.10**	--
MW-22	09/28/93	12,000	380	27	530	460	--	--	--	12.76**	--	321.34	334.10**	--
MW-22	12/29/93	11,000	730	120	960	960	--	--	--	12.41**	--	321.69	334.10**	--
MW-22	03/29/94	980	46	6.4	52	45	--	--	--	11.10**	--	323.00	334.10**	--
MW-22	05/26/94	6,600	457.8	65.3	564	416.4	--	--	--	10.36	--	323.57	333.93	--
MW-22	08/11/94	9,300	382	74	668	448.7	--	--	--	15.00	--	318.93	333.93	--
MW-22	11/22/94	1,168	57*	5.6	44	47.5	--	--	--	15.23	--	318.70	333.93	--
MW-22	03/02/95	Well Inaccessible						--	--		Well Inaccessible			47.55
MW-22	05/24/95	Well Inaccessible						--	--	5.48	--	328.45	333.93	47.55
MW-22	08/09/95	9,600	500	160	260	380	--	--	--	31.18	--	302.75	333.93	47.55
MW-22	11/09/95	7,000	180	65	170	170	--	--	--	31.48	--	302.45	333.93	47.55
MW-22	02/08/96	640	3.2	0.79	6.9	7.8	110	--	--	5.78	--	328.15	333.93	47.55
MW-22	05/01/96	51	0.91	2.4	ND	ND	8.8	--	--	5.79	--	328.14	333.93	47.55
MW-22	08/31/96	11,000	340	190	140	190	ND	--	--	--	--	--	333.93	47.55
MW-22	12/04/96	8,700	27	22	160	220	186	--	--	--	--	--	--	47.55
MW-22	03/11/97	4,200	160	57	27	210	1,400	(ND)	(ND)	3.36	--	330.57	333.93	47.55
MW-22	06/05/97	3,900	42	17	12	84	310	--	--	--	--	--	--	--
MW-22	09/04/97	8,000	340	120	43	180	150	--	--		Well Inaccessible			47.55
MW-22	11/15/97	Well Inaccessible						--	--	--	--	--	--	--
MW-22	06/09/98	2,100	29	20	8.7	11	37	--	--		Could Not Obtain Measurement			--
MW-22	09/30/98	896	ND	ND	ND	ND	3,200	--	--		Could Not Obtain Measurement			--
MW-22	12/08/98	Well Not Sampled						--	--		Could Not Obtain Measurement			
MW-22	05/11/99	Well Not Sampled						--	--	NM	--	NM	332.84	NM
MW-22	08/04/99	Well Not Sampled						--	--	NM	--	NM	332.84	NM
MW-22	11/15/99	Well Not Sampled due to pump in well						--	--	NM	--	NM	332.84	NM
MW-22	02/08/00	Well Not Sampled due to pump in well						--	--	NM	--	NM	332.84	NM
MW-22	05/08/00	1,700	11	3.1	9.3	2.6	270	--	--	7.90	0.00	324.94	332.84	47.85
MW-22	08/03/00	1,800	(38)	(4.2)	(53)	(29.5)	(320)	(ND<0.5)	(ND<0.5)	10.81	0.00	322.03	332.84	48.06
MW-22	11/13/00	Not Sampled - Pump in well								11.85	0.00	320.99	332.84	48.08
MW-22	02/09/01	3,200	(140)	(40)	(30)	(68.6)	(110)	(ND<0.5)	(ND<0.5)	10.02	0.00	322.82	332.84	48.06
MW-22	05/04/01	3,200	(170)	(29)	(19)	(70.6)	(100)	(ND<0.5)	(ND<0.5)	NM	--	NM	332.84	NM

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-22 [2]	09/27/01	4,600	(50)	(6.3)	(32)	(28.2)	(63)	(ND<0.5)	(ND<0.5)		— Could Not Obtain Measurement—			—
MW-22	11/09/01	8,200	(40)	(6.7)	(4.7)	(24.1)	(43)	(ND<0.5)	--	20.24	0.00	312.60	332.84	42.65
MW-22	01/25/02[2]	(1,800)	(59)	(9.9)	(66)	(115)	(14)	(ND<0.5)	(ND<0.5)	10.66	0.00	322.03	332.69	NM
MW-22	05/08/02[2]	(2,300)	(43)	(6.5)	(41)	(47.8)	(5.8)	(ND<0.5)	(ND<0.5)	11.01	0.00	321.68	332.69	NM
MW-22	07/30/02[2]	(5,500)	(120)	(12)	(140)	(86.0)	(14)	--	--	22.40	0.00	310.29	332.69	NM
MW-22	11/20/02[2]	(1,200)	(8.8)	(1.7)	(7.6)	(8.84)	(9.0)	(ND<0.5)	(ND<0.5)	40.50	0.00	292.19	332.69	NM
MW-22	01/13/03[2]	(1,400)	(28)	(6.4)	(ND<0.5)	(41.2)	(20)	(ND<0.5)	(ND<0.5)	35.85	0.00	296.84	332.69	NM
MW-22	04/29/03[2]	(4,300)	(160)	(45)	(27)	(127)	(30)	(ND<0.5)	(ND<0.5)	28.50	0.00	304.19	332.69	NM
MW-22	07/16/03	(6,100)	(93)	(36)	(94)	(122)	(30)	(ND<0.5)	(ND<0.5)	42.41	0.00	290.28	332.69	47.20
MW-22	10/13/03[2]	(16,000)	(75)	(15)	(82)	(69.4)	(14)	(ND<0.5)	(ND<0.5)	NM	0.00	NC	332.69	NM
MW-22	01/26/04[2]	(5,800)	(160)	(44)	(96)	(152)	(40)	(ND<0.5)	(ND<0.5)	NM	0.00	NC	332.69	NM
MW-22	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ----------								10.31	0.00	322.38	332.69	22.85
MW-22	08/30/04	---------- Not Sampled due to Sampling Reduction Plan ----------								BP	0.00	NC	332.69	42.70[6]
MW-22	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ----------								20.01	0.00	312.68	332.69	48.18
MW-22	03/01/05[2]	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.60	0.00	325.09	332.69	37.54
MW-22	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ----------								6.93	0.00	325.76	332.69	NM
MW-22	08/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	6.93	0.00	325.76	332.69	37.66
MW-22	11/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.75	0.00	319.94	332.69	48.24
MW-22	12/20/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	9.18	0.00	323.51	332.69	40.26
MW-22	03/03/06	(410)	(0.68)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.54	0.00	325.15	332.69	48.32
MW-22	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ----------								7.66	0.00	325.03	332.69	48.40
MW-22	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	9.03	0.00	323.66	332.69	48.36
MW-22	11/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.95	0.00	321.74	332.69	48.16
MW-22	02/23/07	(630)	(1.8)	(ND<0.5)	(0.50)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.48	0.00	324.21	332.69	37.50
MW-22	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ----------								8.79	0.00	323.90	332.69	48.32
MW-22	08/08/07	(370)	(ND<0.5)	(ND<0.5)	(11)	(26)	(ND<2)	(ND<0.5)	(ND<0.5)	15.07	0.00	317.62	332.69	48.35
MW-22	10/31/07	(110)	(1.8)	(ND<0.5)	(0.63)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.56	0.00	314.13	332.69	48.37
MW-22	02/27/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	6.90	0.00	325.79	332.69	48.25
MW-22	06/09/08	---------- Not Sampled due to Sampling Reduction Plan ----------								12.25	0.00	320.44	332.69	48.37
MW-22	09/10/08	(460)	(0.72)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.66	0.00	310.03	332.69	48.39
MW-22	12/10/08	(870)	(5.8)	(1.4)	(1.3)	(3.92)	(ND<2)	(ND<0.5)	(ND<0.5)	33.92	0.00	298.77	332.69	48.20
MW-22	03/25/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.26	0.00	324.43	332.69	47.29
MW-22	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	332.69	NM
MW-22	07/07/09	(640)	(3.4)	(0.85)	(3.6)	(4.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.65	0.00	320.04	332.69	48.38
MW-22	03/24/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	6.71	0.00	325.98	332.69	48.54
MW-22	09/22/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	8.38	0.00	324.31	332.69	47.33
MW-22	02/10/11	(890)	(ND<0.50)	(ND<0.50)	(0.85)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	7.81	0.00	324.88	332.69	48.31
MW-23	06/23/93	ND	ND	ND	ND	ND	--	--	--	17.82**	--	318.12	335.94**	--
MW-23	09/28/93	ND	ND	0.3	ND	ND	--	--	--	20.04**	--	315.90	335.94**	--

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-23	12/28/93	Well Inaccessible						–	–		Well Inaccessible			–
MW-23	03/29/94	ND	ND	ND	ND	ND	–	–	–	19.45**	–	316.49	335.94**	–
MW-23	05/26/94	ND	ND	ND	ND	ND	–	–	–	19.07	–	316.66	335.73	–
MW-23	08/11/94	ND	ND	ND	ND	ND	–	–	–	20.90	–	314.83	335.73	–
MW-23	11/22/94	301	ND	ND	ND	ND	–	–	–	22.83	–	312.90	335.73	–
MW-23	03/02/95	ND	ND	ND	ND	ND	–	–	–	13.10	–	322.63	335.73	29.95
MW-23	05/24/95	ND	ND	ND	ND	ND	–	–	–	10.20	–	325.53	335.73	29.95
MW-23	08/09/95	–	–	–	–	–	–	–	–	16.42	–	319.31	335.73	29.95
MW-23	11/09/95	ND	ND	ND	ND	ND	–	–	–	20.35	–	315.38	335.73	29.95
MW-23	02/08/96	ND	ND	ND	ND	ND	ND	–	–	11.71	–	324.02	335.73	29.95
MW-23	05/01/96	ND	ND	ND	ND	ND	ND	–	–	11.28	–	324.45	335.73	29.95
MW-23	08/31/96	ND	ND	ND	ND	ND	ND	–	–	19.50	–	316.23	335.73	29.95
MW-23	12/16/96	ND	ND	ND	ND	ND	ND	–	–	18.00	–	317.73	335.73	29.95
MW-23	03/11/97	ND	ND	ND	ND	ND	ND	(ND)	(ND)	6.89	–	328.84	335.73	29.95
MW-23	06/05/97	ND	ND	ND	ND	ND	ND	–	–	11.11	–	324.62	335.73	29.95
MW-23	09/04/97	530	0.62	13	2.7	2.0	44	–	–	16.73	–	319.00	335.73	29.95
MW-23	11/15/97	ND	ND	ND	ND	ND	ND	–	–	16.86	–	318.87	335.73	29.95
MW-23	03/23/98	ND	ND	ND	ND	ND	ND	–	–	5.94	–	329.79	335.73	29.95
MW-23	06/09/98	ND	ND	ND	ND	ND	ND	–	–	9.75	–	325.98	335.73	29.95
MW-23	09/30/98	ND	ND	ND	ND	ND	8.6	–	–	17.19	–	318.54	335.73	29.95
MW-23	12/08/98	249	ND	ND	ND	ND	626	–	–	18.78	–	316.95	335.73	29.95
MW-23	03/11/99	ND	ND	ND	ND	ND	33.8	–	–	18.61	–	317.12	335.73	29.71
MW-23	05/11/99	ND	ND	ND	ND	ND	ND	–	–	20.02	–	313.81	333.83	29.70
MW-23	08/04/99	ND<100	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	–	–	20.10	–	313.73	333.83	29.71
MW-23	11/15/99	ND<100	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	–	–	26.40	0.00	307.43	333.83	29.69
MW-23	02/08/00	ND<100	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	–	–	20.18	0.00	313.65	333.83	29.90
MW-23	05/08/00	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<5			15.04	0.00	318.79	333.83	29.94
MW-23	08/03/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<5)	(ND<0.5)	(ND<0.5)	20.39	0.00	313.44	333.83	29.88
MW-23	11/13/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.90	0.00	313.93	333.83	29.90
MW-23	02/09/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.83	0.00	315.00	333.83	29.90
MW-23	05/04/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.49	0.00	316.34	333.83	29.90
MW-23	09/27/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.15	0.00	307.68	333.83	29.75
MW-23	11/09/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	–	27.46	0.00	306.37	333.83	29.75
MW-23	01/25/02	(530)	(1.0)	(0.62)	(0.53)	(0.98)	(ND<2)	(ND<0.5)	(ND<0.5)	20.34	0.00	315.35	335.69	29.75
MW-23	05/08/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.12	0.00	312.57	335.69	29.86
MW-23	07/30/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	–	–	28.15	0.00	307.54	335.69	29.86
MW-23	11/18/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.07	0.00	309.62	335.69	29.90
MW-23	01/12/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.53	0.00	322.16	335.69	29.62
MW-23	05/01/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.88	0.00	318.81	335.69	29.87
MW-23	07/17/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.58	0.00	312.11	335.69	29.62

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-23	10/14/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	28.20	0.00	307.49	335.69	29.87
MW-23	01/27/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.19	0.00	313.50	335.69	29.62
MW-23	05/19/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.41	0.00	313.28	335.69	29.95
MW-23	08/30/04	Not Sampled due to Insufficient Water								29.60	0.00	306.09	335.69	29.85
MW-23	11/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	27.27	0.00	308.42	335.69	29.88
MW-23	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.71	0.00	318.98	335.69	29.90
MW-23	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.12	0.00	323.57	335.69	NM
MW-23	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.24	0.00	313.45	335.69	30.09
MW-23	12/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.11	0.00	309.58	335.69	29.88
MW-23	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.46	0.00	319.23	335.69	29.90
MW-23	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.62	0.00	322.07	335.69	29.90
MW-23	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.77	0.00	315.92	335.69	29.88
MW-23	11/28/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.50	0.00	312.19	335.69	29.81
MW-23	02/23/07	(ND<100)	(1.4)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.13	0.00	315.56	335.69	29.88
MW-23	05/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.72	0.00	315.97	335.69	29.87
MW-23	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	27.37	0.00	308.32	335.69	29.88
MW-23	10/29/07	Not Sampled - Well Dry								DRY	NC	NC	335.69	29.90
MW-23	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.97	0.00	316.72	335.69	29.75
MW-23	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.12	0.00	310.57	335.69	30.73
MW-23	09/08/08	Not Sampled - Well Dry								DRY	NC	NC	335.69	29.90
MW-23	12/08/08	Not Sampled due to Insufficient Water								28.30	0.00	307.39	335.69	29.66
MW-23	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.70	0.00	315.99	335.69	29.90
MW-23	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	335.69	NM
MW-23	07/07/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	335.69	NM
MW-23	03/23/10	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.76	0.00	322.93	335.69	29.89
MW-23	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	335.69	NM
MW-23	02/10/11	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.64	0.00	320.05	335.69	29.86
MW-24	11/15/99	ND<100	ND<0.3	ND<0.3	ND<0.3	ND<0.6	70	–	–	29.57	0.00	NC	NS	52.77
MW-24	02/08/00	ND<100	ND<0.3	ND<0.3	ND<0.3	ND<0.6	21	–	–	19.66	0.00	NC	NS	52.89
MW-24	05/08/00	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<1.0	27	–	–	16.68	0.00	NC	NS	52.90
MW-24	08/03/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(55)	(ND<0.5)	(ND<0.5)	23.57	0.00	NC	NS	52.75
MW-24	11/13/00	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(5.9)	(ND<0.5)	(ND<0.5)	18.50	0.00	NC	NS	52.74
MW-24	02/09/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(11)	(ND<0.5)	(ND<0.5)	18.84	0.00	NC	NS	52.70
MW-24	05/04/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(10)	(ND<0.5)	(ND<0.5)	18.84	0.00	NC	NS	52.70
MW-24	09/27/01	780	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(6.1)	(ND<0.5)	(ND<0.5)	30.01	0.00	NC	NS	52.62
MW-24	11/09/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(1.70)	(6.1)	(ND<0.5)	–	29.95	0.00	NC	NS	52.62
MW-24	01/25/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.43	0.00	316.88	336.31	52.62
MW-24	05/08/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(4.2)	(ND<0.5)	(ND<0.5)	23.55	0.00	312.76	336.31	52.88
MW-24	07/30/02	(6,900)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(3.2)	–	–	35.60	0.00	300.71	336.31	52.88

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
MW-24	11/15/02	(180)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<1.5)	(ND<0.5)	(ND<0.5)	30.68	0.00	305.63	336.31	52.85
MW-24	01/11/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(2.6)	(ND<0.5)	(ND<0.5)	16.95	0.00	319.36	336.31	52.87
MW-24	05/16/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(2.6)	(ND<0.5)	(ND<0.5)	16.82	0.00	319.49	336.31	52.86
MW-24	07/18/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.03	0.00	311.28	336.31	52.91
MW-24	10/17/03	(3,100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	32.25	0.00	304.06	336.31	52.90
MW-24	01/28/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.18	0.00	317.13	336.31	52.90
MW-24	05/20/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.85	0.00	315.46	336.31	54.16
MW-24	08/31/04	(11,000)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	35.82	0.00	300.49	336.31	52.86
MW-24	12/01/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	31.37	0.00	304.94	336.31	52.85
MW-24	03/02/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.85	0.00	322.46	336.31	52.86
MW-24	05/18/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.58	0.00	323.73	336.31	NM
MW-24	08/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.12	0.00	317.19	336.31	53.08
MW-24	11/30/05	(420)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.96	0.00	315.35	336.31	52.88
MW-24	12/20/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.91	0.00	318.40	336.31	52.89
MW-24	03/03/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.23	0.00	324.08	336.31	52.84
MW-24	06/08/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.99	0.00	319.32	336.31	22.89
MW-24	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.62	0.00	316.69	336.31	52.88
MW-24	11/29/06	(2,700)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.33	0.00	314.98	336.31	52.78
MW-24	02/23/07	(160)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.00	0.00	318.31	336.31	52.82
MW-24	05/09/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.43	0.00	316.88	336.31	52.85
MW-24	08/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.37	0.00	311.94	336.31	52.85
MW-24	10/31/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	31.15	0.00	305.16	336.31	52.68
MW-24	02/27/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.55	0.00	319.76	336.31	52.51
MW-24	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.50	0.00	312.81	336.31	52.69
MW-24	09/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	41.58	0.00	294.73	336.31	52.89
MW-24	12/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	42.40	0.00	293.91	336.31	52.67
MW-24	03/25/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.44	0.00	316.87	336.31	52.87
MW-24	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	336.31	NM
MW-24	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	336.31	NM
MW-24	03/24/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	13.94	0.00	322.37	336.31	52.86
MW-24	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	336.31	NM
MW-24	02/11/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	18.04	0.00	318.27	336.31	52.91
TSG-MW-25A	08/20/01	4,800	140	17	140	120	(10)	(ND<0.5)	(ND<0.5)	14.71	0.00	NC	NS	32.98
TSG-MW-25A	09/27/01	----------On-line Extraction Well - Not Sampled----------						--	--	17.85	0.00	NC	NS	30.75
TSG-MW-25A	11/09/01	--	--	--	--	--	--	--	--	16.49	0.00	NC	NS	30.75
TSG-MW-25A	01/25/02[2]	(550)	(98)	(5.1)	(21)	(31.4)	(4.2)	(ND<0.5)	(ND<0.5)	9.78	0.00	322.52	332.30	30.75
TSG-MW-25A	05/08/02[2]	(1,100)	(130)	(9.1)	(ND<0.5)	(76)	(3.2)	(ND<0.5)	(ND<0.5)	9.80	0.00	322.50	332.30	25.02
TSG-MW-25A	07/29/02[2]	----------Well Not Sampled - Pump Not Running Due to Insufficient Recharge----------								18.12	0.00	314.18	332.30	25.02
TSG-MW-25A	11/20/02[2]	(5,100)	(240)	(36)	(280)	(320)	(2.4)	(ND<0.5)	(ND<0.5)	14.81	0.00	317.49	332.30	25.02

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
TSG-MW-25A	01/13/03[2]	(1,500)	(170)	(16)	(91)	(100)	(5.0)	(ND<1)	(ND<1)	7.70	0.00	324.60	332.30	NM
TSG-MW-25A[6]	04/29/03[2]	(1,700)	(200)	(13)	(75)	(94.7)	(2.1)	(ND<0.5)	(ND<0.5)	NM	0.00	NC	332.30	NM
TSG-MW-25A***	07/16/03	(830)	(100)	(10)	(38)	(57.3)	(2.4)	(ND<0.5)	(ND<0.5)	NM	0.00	NC	332.30	NM
TSG-MW-25A	10/13/03[2]	(2,700)	(63)	(9.3)	(53)	(55)	(1.3[4])	(ND<0.5)	(ND<0.5)	NM	0.00	NC	332.30	NM
TSG-MW-25A	01/26/04[2]	(4,900)	(150)	(39)	(130)	(306)	(7.6)	(ND<0.5)	(ND<0.5)	NM	0.00	NC	332.30	NM
TSG-MW-25A	05/18/04	Not Sampled due to Sampling Reduction Plan								8.35	0.00	323.95	332.30	12.74
TSG-MW-25A	08/30/04	Not Sampled due to Sampling Reduction Plan								24.30	0.00	308.00	332.30	NM[7]
TSG-MW-25A	11/30/04	Not Sampled due to Sampling Reduction Plan								15.01	0.00	317.29	332.30	NM
TSG-MW-25A	03/01/05[2]	(3,900)	(93)	(28)	(140)	(204)	(ND<10)	(ND<2.5)	(ND<2.5)	11.46	0.00	320.84	332.30	30.20
TSG-MW-25A	05/16/05	Not Sampled due to Sampling Reduction Plan								10.22	0.00	322.08	332.30	NM
TSG-MW-25A	08/30/05	(270)	(3.1)	(ND<0.5)	(2.9)	(1.2)	(ND<2)	(ND<0.5)	(ND<0.5)	7.98	0.00	324.32	332.30	32.72
TSG-MW-25A	11/30/05	(320)	(0.93)	(ND<0.5)	(0.83)	(0.76)	(ND<2)	(ND<0.5)	(ND<0.5)	10.98	0.00	321.32	332.30	30.26
TSG-MW-25A	12/20/05	(790)	(7.5)	(1.0)	(1.6)	(3.7)	(ND<2)	(ND<0.5)	(ND<0.5)	7.72	0.00	324.58	332.30	30.23
TSG-MW-25A	03/02/06	(1,400)	(9.8)	(ND<0.5)	(4.2)	(3.2)	(ND<2)	(ND<0.5)	(ND<0.5)	5.72	0.00	326.58	332.30	30.22
TSG-MW-25A	06/07/06	Not Sampled due to Sampling Reduction Plan								5.82	0.00	326.48	332.30	32.51
TSG-MW-25A	08/29/06	(1,400)	(41)	(1.5)	(4.1)	(3.3)	(ND<2)	(ND<0.5)	(ND<0.5)	7.53	0.00	324.77	332.30	32.52
TSG-MW-25A	11/29/06	(850)	(3.7)	(0.83)	(0.87)	(2.4)	(ND<2)	(ND<0.5)	(ND<0.5)	10.10	0.00	322.20	332.30	32.44
TSG-MW-25A	02/22/07	(4,700)	(91)	(ND<0.5)	(9.1)	(14.1)	(ND<2)	(ND<0.5)	(ND<0.5)	6.90	0.00	325.40	332.30	30.22
TSG-MW-25A	05/07/07	Not Sampled due to Sampling Reduction Plan								7.28	0.00	325.02	332.30	32.37
TSG-MW-25A	08/08/07	(4,000)	(85)	(5.8)	(16)	(43.1)	(ND<2)	(ND<0.5)	(ND<0.5)	14.00	0.00	318.30	332.30	32.70
TSG-MW-25A	10/31/07	(150)	(11)	(ND<0.5)	(1.6)	(1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.53	0.00	318.77	332.30	32.85
TSG-MW-25A	02/27/08	(1,300)	(94)	(5.4)	(26)	(18.8)	(ND<2)	(ND<0.5)	(ND<0.5)	5.92	0.00	326.38	332.30	32.70
TSG-MW-25A	06/09/08	Not Sampled due to Sampling Reduction Plan								10.95	0.00	321.35	332.30	32.85
TSG-MW-25A	09/09/08	(5,600)	(590)	(40)	(95)	(187)	(ND<2)	(ND<0.5)	(ND<0.5)	21.60	0.00	310.70	332.30	32.51
TSG-MW-25A	12/10/08	(6,900)	(640)	(50)	(300)	(542)	(ND<10)	(ND<0.5)	(ND<0.5)	23.78	0.00	308.52	332.30	32.64
TSG-MW-25A	03/25/09	(1,900)	(82)	(5.2)	(32)	(27)	(ND<2)	(ND<0.5)	(ND<0.5)	7.19	0.00	325.11	332.30	32.85
TSG-MW-25A	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	332.30	NM
TSG-MW-25A	07/07/09	(970)	(40)	(1.9)	(11)	(8.56)	(ND<2)	(ND<0.5)	(ND<0.5)	10.96	0.00	321.34	332.30	32.85
TSG-MW-25A	03/24/10	(1,700)	(100)	(6.0)	(23)	(16.6)	(ND<2.0)	(ND<0.50)	(ND<0.50)	5.37	0.00	326.93	332.30	32.86
TSG-MW-25A	09/22/10	(750)	(25)	(1.6)	(5.8)	(4.0)	(ND<2.0)	(ND<0.50)	(ND<0.50)	7.11	0.00	325.19	332.30	32.86
TSG-MW-25A	02/10/11	(1,400)	(43)	(2.3)	(7.7)	(7.92)	(ND<2.0)	(ND<0.50)	(ND<0.50)	6.70	0.00	325.60	332.30	32.95
TSG-MW25A	11/20/12	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	15.37	0.00	316.93	332.30	32.61
TSG-MW-25B	08/20/01	1,000	34	1.1	4.2	3.2	(160)	(ND<0.5)	(ND<0.5)	30.26	0.00	NC	NS	49.88
TSG-MW-25B[1]	09/27/01	1,400	(4.5)	(ND<0.5)	(1.3)	(ND<1.5)	(210)	(ND<0.5)	(ND<0.5)	31.93	0.00	NC	NS	50.00
TSG-MW-25B	11/09/01	--	--	--	--	--	--	--	--	31.92	0.00	NC	NS	50.00
TSG-MW-25B	01/25/02	(1,800)	(2.3)	(1.0)	(0.66)	(2.3)	(110)	(ND<0.5)	(ND<0.5)	22.31	0.00	310.30	332.61	50.00
TSG-MW-25B	05/08/02	(920)	(2.6)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(62)	(ND<0.5)	(ND<0.5)	26.02	0.00	306.59	332.61	49.83
TSG-MW-25B	07/29/02	(4,300)	(3.5)	(4.9)	(1.3)	(8.9)	(60)	--	--	40.12	0.00	292.49	332.61	49.83
TSG-MW-25B	11/19/02	(230)	(5.8)	(2.4)	(1.3)	(2.99)	(44)	(ND<0.5)	(ND<0.5)	31.31	0.00	301.30	332.61	50.00

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Table 3
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Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
TSG-MW-25B	01/11/03	(3,000)	(7.5)	(1.6)	(1.1)	(1.5)	(29)	(ND<0.5)	(ND<0.5)	16.40	0.01	316.21	332.61	49.90
TSG-MW-25B	05/15/03	(2,900)	(14)	(1.2)	(0.86)	(3.7)	(27)	(ND<0.5)	(ND<0.5)	19.62	0.00	312.99	332.61	49.87
TSG-MW-25B	07/18/03	(2,800)	(16)	(1.1)	(0.64)	(3.1)	(18)	(ND<0.5)	(ND<0.5)	32.00	0.00	300.61	332.61	49.35
TSG-MW-25B	10/16/03	(1,700)	(5.3)	(ND<0.5)	(ND<0.5)	(0.66[J])	(16)	(ND<0.5)	(ND<0.5)	36.05	0.00	296.56	332.61	49.87
TSG-MW-25B	01/29/04	(5,800)	(8.3)	(0.80)	(ND<0.5)	(1.3)	(20)	(ND<0.5)	(ND<0.5)	22.12	0.00	310.49	332.61	49.86
TSG-MW-25B	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ----------								28.58	0.00	304.03	332.61	49.19
TSG-MW-25B	08/31/04	(5,500)	(3.8)	(1.2)	(0.73)	(1.8)	(ND<2)	(ND<0.5)	(ND<0.5)	42.58	0.00	290.03	332.61	50.03
TSG-MW-25B	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ----------								37.49	0.00	295.12	332.61	NM
TSG-MW-25B	03/02/05	(7,500)	(14)	(2.2)	(1.8)	(3.63)	(ND<2)	(ND<0.5)	(ND<0.5)	15.51	0.00	317.10	332.61	50.05
TSG-MW-25B	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ----------								13.22	0.00	319.39	332.61	NM
TSG-MW-25B	08/30/05	(11,000)	(12)	(6.1)	(2.2)	(9.5)	(4.9)	(ND<0.5)	(ND<0.5)	30.23	0.00	302.38	332.61	50.11
TSG-MW-25B	11/30/05	(9,300)	(16)	(ND<2.5)	(ND<2.5)	(0.78)	(ND<10)	(ND<2.5)	(ND<2.5)	33.02	0.00	299.59	332.61	50.10
TSG-MW-25B	12/20/05	(4,000)	(6.1)	(1.7)	(ND<0.5)	(3.8)	(ND<2)	(ND<0.5)	(ND<0.5)	26.98	0.00	305.63	332.61	50.08
TSG-MW-25B	03/03/06	(5,500)	(5.0)	(2.7)	(3.0)	(5.3)	(4.2)	(ND<0.5)	(ND<0.5)	16.28	0.00	316.33	332.61	50.03
TSG-MW-25B	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ----------								21.48	0.00	311.13	332.61	50.06
TSG-MW-25B	08/29/06	(4,400)	(12)	(ND<2.5)	(ND<2.5)	(ND<7.5)	(ND<10)	(ND<2.5)	(ND<2.5)	28.58	0.00	304.03	332.61	49.94
TSG-MW-25B	11/29/06	(4,300)	(17)	(2.9)	(1.0)	(6.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.71	0.00	307.90	332.61	50.10
TSG-MW-25B	02/22/07	(4,200)	(9.5)	(0.72)	(ND<0.5)	(2.0)	(3.4)	(ND<0.5)	(ND<0.5)	22.58	0.00	310.03	332.61	50.08
TSG-MW-25B	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ----------								23.82	0.00	308.79	332.61	50.04
TSG-MW-25B	08/08/07	(4,800)	(10)	(0.60)	(ND<0.5)	(1.6)	(2.2)	(ND<0.5)	(ND<0.5)	35.74	0.00	296.87	332.61	49.95
TSG-MW-25B	10/31/07	(970)	(5.1)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	36.11	0.00	296.50	332.61	50.00
TSG-MW-25B	02/27/08	(2,800)	(2.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.95	0.00	309.66	332.61	49.92
TSG-MW-25B	06/09/08	---------- Not Sampled due to Sampling Reduction Plan ----------								34.15	0.00	298.46	332.61	50.01
TSG-MW-25B	09/08/08	---------- Not Sampled - Well Dry ----------								DRY	NC	NC	332.61	50.04
TSG-MW-25B	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ----------								45.90	0.00	286.71	332.61	49.90
TSG-MW-25B	03/25/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.95	0.00	308.66	332.61	49.99
TSG-MW-25B	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	332.61	NM
TSG-MW-25B	07/07/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	31.62	0.00	300.99	332.61	50.00
TSG-MW-25B	03/24/10	(240)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	14.12	0.00	318.49	332.61	49.86
TSG-MW-25B	09/22/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(4.3)	(ND<0.50)	(ND<0.50)	42.28	0.00	290.33	332.61	49.05
TSG-MW-25B	02/10/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	17.35	0.00	315.26	332.61	49.83
TSG-MW-25C	08/20/01	700	8.1	0.59	5.2	3.7	(470)	(ND<0.5)	(ND<0.5)	31.01	0.00	NC	NS	67.77
TSG-MW-25C[(1)]	09/27/01	590	(ND<0.5)	(0.65)	(7.2)	(5.5)	(290)	(ND<0.5)	(ND<0.5)	32.30	0.00	NC	NS	67.95
TSG-MW-25C	11/09/01	--	--	--	--	--	--	--	--	31.33	0.00	NC	NS	67.95
TSG-MW-25C	01/25/02	(990)	(0.77)	(0.72)	(6.6)	(6.1)	(390)	(ND<0.5)	(ND<0.5)	23.23	0.00	309.41	332.64	67.95
TSG-MW-25C	05/08/02	(1,500)	(1)	(ND<0.5)	(ND<1)	(3.5)	(260)	(ND<1)	(ND<1)	27.11	0.00	305.53	332.64	68.13
TSG-MW-25C	07/29/02	(780)	(ND<0.5)	(ND<0.5)	(2.7)	(1.3)	(400)	--	--	40.83	0.00	291.81	332.64	68.13
TSG-MW-25C	11/19/02	(460)	(ND<0.5)	(ND<0.5)		(2.94)	(280)	(ND<0.5)	(ND<0.5)	31.70	0.00	300.94	332.64	65.75
TSG-MW-25C	01/11/03	(990)	(ND<1)	(ND<1)	(ND<1)	(ND<3)	(240)	(ND<1)	(ND<1)	17.11	0.00	315.53	332.64	65.34

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Table 3
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World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
TSG-MW-25C	05/15/03	(520)	(ND<1)	(ND<1)	(2.3)	(ND<3)	(240)	(ND<1)	(ND<1)	23.02	0.00	309.62	332.64	68.05
TSG-MW-25C	07/18/03	(1,500)	(0.59)	(ND<0.5)	(5.3)	(5)	(190)	(ND<0.5)	(ND<0.5)	33.00	0.00	299.64	332.64	67.38
TSG-MW-25C	10/16/03	(960)	(ND<0.5)	(ND<0.5)	(3.4)	(1.9)	(200)	(ND<0.5)	(ND<0.5)	36.65	0.00	295.99	332.64	67.35
TSG-MW-25C	01/29/04	(1,400)	(0.76)	(ND<0.5)	(3.1)	(1.9)	(360)	(ND<0.5)	(ND<0.5)	21.42	0.00	311.22	332.64	62.71
TSG-MW-25C	05/18/04	Not Sampled due to Sampling Reduction Plan								29.27	0.00	303.37	332.64	67.96
TSG-MW-25C	08/31/04	(1,200)	(ND<0.5)	(ND<0.5)	(2.9)	(1.7)	(140)	(ND<0.5)	(ND<0.5)	43.18	0.00	289.46	332.64	67.96
TSG-MW-25C	11/30/04	Not Sampled due to Sampling Reduction Plan								38.07	0.00	294.57	332.64	NM
TSG-MW-25C	03/02/05	(760)	(ND<0.5)	(ND<0.5)	(3.2)	(2.85)	(89)	(ND<0.5)	(ND<0.5)	16.45	0.00	316.19	332.64	67.98
TSG-MW-25C	05/16/05	Not Sampled due to Sampling Reduction Plan								13.65	0.00	318.99	332.64	NM
TSG-MW-25C	08/30/05	(860)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(140)	(ND<0.5)	(ND<0.5)	32.45	0.00	300.19	332.64	68.04
TSG-MW-25C	11/30/05	Not Sampled due to Sampling Reduction Plan								35.36	0.00	297.28	332.64	67.99
TSG-MW-25C	03/03/06	(1,400)	(0.58)	(0.67)	(ND<0.5)	(ND<1.5)	(120)	(ND<0.5)	(ND<0.5)	16.78	0.00	315.86	332.64	67.94
TSG-MW-25C	06/07/06	Not Sampled due to Sampling Reduction Plan								25.92	0.00	306.72	332.64	67.96
TSG-MW-25C	08/29/06	(460)	(ND<0.5)	(ND<0.5)	(1.5)	(ND<1.5)	(46)	(ND<0.5)	(ND<0.5)	29.96	0.00	302.68	332.64	67.85
TSG-MW-25C	11/28/06	Not Sampled due to Sampling Reduction Plan								25.88	0.00	306.76	332.64	68.00
TSG-MW-25C	02/22/07	(620)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(38)	(ND<0.5)	(ND<0.5)	22.90	0.00	309.74	332.64	68.00
TSG-MW-25C	05/07/07	Not Sampled due to Sampling Reduction Plan								23.57	0.00	309.07	332.64	67.93
TSG-MW-25C	08/08/07	(730)	(ND<0.5)	(ND<0.5)	(0.95)	(ND<1.5)	(32)	(ND<0.5)	(ND<0.5)	37.61	0.00	295.03	332.64	67.85
TSG-MW-25C	10/29/07	Not Sampled due to Sampling Reduction Plan								37.46	0.00	295.18	332.64	67.49
TSG-MW-25C	02/27/08	(510)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(24)	(ND<0.5)	(ND<0.5)	24.34	0.00	308.30	332.64	67.46
TSG-MW-25C	06/09/08	Not Sampled due to Sampling Reduction Plan								38.83	0.00	293.81	332.64	67.49
TSG-MW-25C	09/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(11)	(ND<0.5)	(ND<0.5)	54.45	0.00	278.19	332.64	67.93
TSG-MW-25C	12/08/08	Not Sampled due to Sampling Reduction Plan								47.15	0.00	285.49	332.64	67.80
TSG-MW-25C	03/25/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(3.2)	(ND<0.5)	(ND<0.5)	62.65	0.00	269.99	332.64	68.01
TSG-MW-25C	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	332.64	NM
TSG-MW-25C	07/07/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	32.18	0.00	300.46	332.64	67.95
TSG-MW-25C	03/24/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(2.1)	(ND<0.50)	(ND<0.50)	13.66	0.00	318.98	332.64	67.46
TSG-MW-25C	09/22/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(5.5)	(ND<0.50)	(ND<0.50)	25.95	0.00	306.69	332.64	67.66
TSG-MW-25C	02/10/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	17.44	0.00	315.20	332.64	59.89
TSG-MW-26A	08/20/01	2,100	29	5.8	19	12	(ND<2)	(ND<0.5)	(ND<0.5)	13.33	0.00	NC	NS	31.16
TSG-MW-26A	09/27/01	2,800	(6.2)	(1.6)	(16)	(8.2)	(ND<2)	(ND<0.5)	(ND<0.5)	15.85	0.00	NC	NS	31.98
TSG-MW-26A	11/09/01	--	--	--	--	--	--	--	--	15.63	0.00	NC	NS	31.98
TSG-MW-26A	01/25/02	(1,500)	(0.93)	(2.2)	(4.7)	(3.46)	(4.1)	(ND<0.5)	(ND<0.5)	8.26	0.00	324.43	332.69	31.98
TSG-MW-26A	05/08/02	(210)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.71	0.00	323.98	332.69	29.33
TSG-MW-26A	07/29/02	(190)	(ND<0.5)	(ND<0.5)	(1.8)	(ND<1.5)	(ND<2)	--	--	16.47	0.00	316.22	332.69	29.33
TSG-MW-26A	11/19/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.31	0.00	318.38	332.69	29.33
TSG-MW-26A	01/13/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.33	0.00	325.36	332.69	29.45
TSG-MW-26A	05/15/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.66	0.00	325.03	332.69	29.47
TSG-MW-26A	07/19/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.66	0.00	322.03	332.69	29.50

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
TSG-MW-26A	10/16/03	(16[J])	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(19)	(ND<0.5)	(ND<0.5)	15.20	0.00	317.49	332.69	29.50
TSG-MW-26A	01/29/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	9.61	0.00	323.08	332.69	29.50
TSG-MW-26A	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ----------								8.94	0.00	323.75	332.69	29.63
TSG-MW-26A	08/31/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.41	0.00	316.28	332.69	29.47
TSG-MW-26A	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ----------								14.94	0.00	317.75	332.69	NM
TSG-MW-26A	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.85	0.00	323.84	332.69	29.49
TSG-MW-26A	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ----------								6.05	0.00	326.64	332.69	NM
TSG-MW-26A	08/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.68	0.00	325.01	332.69	29.55
TSG-MW-26A	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ----------								10.43	0.00	322.26	332.69	29.53
TSG-MW-26A	03/03/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.82	0.00	317.87	332.69	29.50
TSG-MW-26A	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ----------								7.17	0.00	325.52	332.69	29.49
TSG-MW-26A	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.69	0.00	325.00	332.69	29.47
TSG-MW-26A	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ----------								9.68	0.00	323.01	332.69	29.52
TSG-MW-26A	02/22/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.53	0.00	324.16	332.69	29.51
TSG-MW-26A	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ----------								7.38	0.00	325.31	332.69	29.46
TSG-MW-26A	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.80	0.00	318.89	332.69	29.47
TSG-MW-26A	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ----------								16.17	0.00	316.52	332.69	29.48
TSG-MW-26A	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	6.06	0.00	326.63	332.69	29.40
TSG-MW-26A	08/09/08	---------- Not Sampled due to Sampling Reduction Plan ----------								11.32	0.00	321.37	332.69	29.50
TSG-MW-26A	09/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.10	0.00	308.59	332.69	29.49
TSG-MW-26A	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ----------								26.37	0.00	306.32	332.69	29.30
TSG-MW-26A	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	7.24	0.00	325.45	332.69	29.48
TSG-MW-26A	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	332.69	NM
TSG-MW-26A	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	332.69	NM
TSG-MW-26A	03/24/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	5.49	0.00	327.20	332.69	29.48
TSG-MW-26A	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	332.69	NM
TSG-MW-26A	02/10/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	7.03	0.00	325.66	332.69	29.50
TSG-MW-26B	08/20/01	1,500	19	4.4	3.0	8.6	(6.2)	(ND<0.5)	(ND<0.5)	28.53	0.00	NC	NS	47.31
TSG-MW-26B	09/27/01	1,000	(0.95)	(0.85)	(ND<0.5)	(4.6)	(17)	(ND<0.5)	(ND<0.5)	30.87	0.00	NC	NS	48.55
TSG-MW-26B	11/09/01	–	–	–	–	–	–	–	–	30.05	0.00	NC	NS	48.55
TSG-MW-26B	01/25/02	(430)	(9.3)	(2.2)	(1.7)	(6.5)	(22)	(ND<0.5)	(ND<0.5)	21.54	0.00	311.35	332.89	48.55
TSG-MW-26B	05/08/02	(110)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(26)	(ND<0.5)	(ND<0.5)	25.65	0.00	307.24	332.89	48.59
TSG-MW-26B	07/29/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(26)	–	–	37.91	0.00	294.98	332.89	48.59
TSG-MW-26B	11/19/02	(180)	(15)	(21)	(11)	(46)	(14)	(ND<0.5)	(0.95)	30.05	0.00	302.84	332.89	49.00
TSG-MW-26B	01/13/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(21)	(ND<0.5)	(ND<0.5)	16.51	0.00	316.38	332.89	49.00
TSG-MW-26B	05/15/03	(ND<100)	(9.1)	(7.2)	(1.9)	(8.8)	(22)	(ND<0.5)	(ND<0.5)	16.28	0.00	316.61	332.89	48.91
TSG-MW-26B	07/19/03	(ND<100)	(2.0)	(ND<0.5)	(ND<0.5)	(0.68)	(15)	(ND<0.5)	(0.65)	29.82	0.00	303.07	332.89	48.94
TSG-MW-26B	10/16/03	(20[J])	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(23)	(ND<0.5)	(0.65)	32.59	0.00	300.30	332.89	48.91
TSG-MW-26B	01/29/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(22)	(ND<0.5)	(ND<0.5)	20.45	0.00	312.44	332.89	49.00

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
TSG-MW-26B	05/18/04	Not Sampled due to Sampling Reduction Plan								26.04	0.00	306.85	332.89	52.17
TSG-MW-26B	08/31/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(9.1)	(ND<0.5)	(ND<0.5)	37.77	0.00	295.12	332.89	48.93
TSG-MW-26B	11/30/04	Not Sampled due to Sampling Reduction Plan								36.30	0.00	296.59	332.89	48.93
TSG-MW-26B	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(6.0)	(ND<0.5)	(ND<0.5)	14.77	0.00	318.12	332.89	48.94
TSG-MW-26B	05/16/05	Not Sampled due to Sampling Reduction Plan								12.30	0.00	320.59	332.89	NM
TSG-MW-26B	08/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(20)	(ND<0.5)	(ND<0.5)	24.10	0.00	308.79	332.89	49.15
TSG-MW-26B	11/30/05	Not Sampled due to Sampling Reduction Plan								26.95	0.00	305.94	332.89	49.13
TSG-MW-26B	03/03/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.42	0.00	316.47	332.89	48.90
TSG-MW-26B	06/07/06	Not Sampled due to Sampling Reduction Plan								12.61	0.00	320.28	332.89	48.90
TSG-MW-26B	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.74	0.00	310.15	332.89	49.00
TSG-MW-26B	11/28/06	Not Sampled due to Sampling Reduction Plan								22.42	0.00	310.47	332.89	48.86
TSG-MW-26B	02/22/07	(1,000)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.09	0.00	314.80	332.89	48.98
TSG-MW-26B	05/07/07	Not Sampled due to Sampling Reduction Plan								21.02	0.00	311.87	332.89	48.92
TSG-MW-26B	08/07/07	(130)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	32.27	0.00	300.62	332.89	49.04
TSG-MW-26B	10/29/07	Not Sampled due to Sampling Reduction Plan								32.85	0.00	300.04	332.89	48.95
TSG-MW-26B	02/26/08	(210)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.43	0.00	311.46	332.89	48.80
TSG-MW-26B	06/09/08	Not Sampled due to Sampling Reduction Plan								32.29	0.00	300.60	332.89	48.95
TSG-MW-26B	09/09/08	(150)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	40.57	0.00	292.32	332.89	48.91
TSG-MW-26B	12/08/08	Not Sampled due to Sampling Reduction Plan								40.61	0.00	292.28	332.89	48.75
TSG-MW-26B	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.00	0.00	311.89	332.89	48.94
TSG-MW-26B	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	332.89	NM
TSG-MW-26B	07/07/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	332.89	NM
TSG-MW-26B	03/24/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	12.49	0.00	320.40	332.89	48.96
TSG-MW-26B	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	332.89	NM
TSG-MW-26B	02/10/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	15.98	0.00	316.91	332.89	49.00
TSG-MW-26C	08/20/01	3,300	31	12	2.5	11	(15)	(5.2)	(ND<0.5)	30.94	0.00	NC	NS	19.46
TSG-MW-26C	09/27/01	630	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(19)	(5.7)	(ND<0.5)	32.53	0.00	NC	NS	69.62
TSG-MW-26C	11/09/01	--	--	--	--	--	--	--	--	31.70	0.00	NC	NS	69.62
TSG-MW-26C	01/25/02	(ND<100)	(0.60)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(16)	(ND<0.5)	(ND<0.5)	23.47	0.00	309.29	332.76	69.62
TSG-MW-26C	05/08/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(22)	(ND<0.5)	(ND<0.5)	28.70	0.00	304.06	332.76	69.76
TSG-MW-26C	07/29/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(18)	--	--	41.13	0.00	291.63	332.76	69.76
TSG-MW-26C	11/19/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(13)	(2.8)	(ND<0.5)	32.81	0.00	299.95	332.76	69.76
TSG-MW-26C	01/13/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.18	0.00	315.58	332.76	69.64
TSG-MW-26C	05/15/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(17)	(ND<0.5)	(ND<0.5)	20.09	0.00	312.67	332.76	69.66
TSG-MW-26C	07/19/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	33.15	0.00	299.61	332.76	69.69
TSG-MW-26C	10/16/03	(17[1])	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(20)	(ND<0.5)	(ND<0.5)	36.75	0.00	296.01	332.76	69.65
TSG-MW-26C	01/29/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(29)	(ND<0.5)	(ND<0.5)	23.45	0.00	309.31	332.76	69.70
TSG-MW-26C	05/18/04	Not Sampled due to Sampling Reduction Plan								27.77	0.00	304.99	332.76	70.41
TSG-MW-26C	08/31/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(16)	(2.8)	(ND<0.5)	43.56	0.00	289.20	332.76	69.64

Table 3
Historical Groundwater Analytical and Elevation Data
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Station No. 52
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WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
TSG-MW-26C	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ----------								38.26	0.00	294.50	332.76	NM
TSG-MW-26C	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(15)	(1.6)	(ND<0.5)	16.84	0.00	315.92	332.76	69.67
TSG-MW-26C	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ----------								14.58	0.00	318.18	332.76	NM
TSG-MW-26C	08/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	31.32	0.00	301.44	332.76	69.80
TSG-MW-26C	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ----------								33.77	0.00	298.99	332.76	69.71
TSG-MW-26C	03/03/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(6.6)	(ND<0.5)	(ND<0.5)	17.25	0.00	315.51	332.76	69.65
TSG-MW-26C	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ----------								25.11	0.00	307.65	332.76	69.69
TSG-MW-26C	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(4.8)	(2.0)	(ND<0.5)	29.95	0.00	302.81	332.76	69.68
TSG-MW-26C	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ----------								26.52	0.00	306.24	332.76	69.70
TSG-MW-26C	02/22/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(7.4)	(1.8)	(ND<0.5)	22.68	0.00	310.08	332.76	69.70
TSG-MW-26C	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ----------								28.50	0.00	304.26	332.76	69.66
TSG-MW-26C	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(7.0)	(1.7)	(ND<0.5)	37.93	0.00	294.83	332.76	69.69
TSG-MW-26C	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ----------								37.65	0.00	295.11	332.76	69.68
TSG-MW-26C	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(5.6)	(1.5)	(ND<0.5)	24.74	0.00	308.02	332.76	69.64
TSG-MW-26C	06/09/08	---------- Not Sampled due to Sampling Reduction Plan ----------								39.10	0.00	293.66	332.76	69.69
TSG-MW-26C	09/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(6.2)	(ND<0.5)	(ND<0.5)	54.80	0.00	277.96	332.76	69.70
TSG-MW-26C	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ----------								46.18	0.00	286.58	332.76	62.65
TSG-MW-26C	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(4.8)	(ND<0.5)	(ND<0.5)	23.77	0.00	308.99	332.76	69.63
TSG-MW-26C	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	332.76	NM
TSG-MW-26C	07/07/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(3.2)	(ND<0.5)	(ND<0.5)	34.08	0.00	298.68	332.76	69.70
TSG-MW-26C	03/24/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(2.4)	(ND<0.50)	(ND<0.50)	13.75	0.00	319.01	332.76	69.66
TSG-MW-26C	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	332.76	NM
TSG-MW-26C	02/10/11	(ND<100)	(ND<0.50)	(0.86)	(ND<0.50)	(ND<1.50)	(2.1)	(ND<0.50)	(ND<0.50)	23.71	0.00	309.05	332.76	79.71
TSG-MW-27A	08/20/01	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<1	(4.5)	(ND<0.5)	(ND<0.5)	15.23	0.00	NC	NS	27.02
TSG-MW-27A	09/27/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(4.2)	(ND<0.5)	(ND<0.5)	21.60	0.00	NC	NS	30.46
TSG-MW-27A	11/09/01	--	--	--	--	--	--	--	--	26.17	0.00	NC	NS	30.46
TSG-MW-27A	01/25/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.35	0.00	321.39	335.74	30.46
TSG-MW-27A	05/08/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.62	0.00	321.12	335.74	30.49
TSG-MW-27A	07/29/02	----------Well Not Sampled - Insufficient Recharge----------								22.72	0.00	313.02	335.74	30.49
TSG-MW-27A	11/15/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.15	0.00	316.59	335.74	30.64
TSG-MW-27A	01/13/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.20	0.00	324.54	335.74	26.42
TSG-MW-27A	05/16/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.79	0.00	322.95	335.74	30.15
TSG-MW-27A	07/19/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.91	0.00	319.83	335.74	26.44
TSG-MW-27A	10/16/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.78	0.00	313.96	335.74	26.45
TSG-MW-27A	01/28/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.77	0.00	320.97	335.74	NM
TSG-MW-27A	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ----------								13.94	0.00	321.80	335.74	30.02
TSG-MW-27A	08/31/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.57	0.00	313.17	335.74	30.36
TSG-MW-27A	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ----------								20.41	0.00	315.33	335.74	NM
TSG-MW-27A	03/02/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.39	0.00	325.35	335.74	30.38

Table 3
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Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
TSG-MW-27A	05/18/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.33	0.00	325.41	335.74	NM
TSG-MW-27A	08/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.38	0.00	321.36	335.74	30.42
TSG-MW-27A	11/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.75	0.00	317.99	335.74	30.42
TSG-MW-27A	12/20/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.02	0.00	324.72	335.74	30.40
TSG-MW-27A	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.52	0.00	325.22	335.74	30.36
TSG-MW-27A	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ----------								11.61	0.00	324.13	335.74	30.37
TSG-MW-27A	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.89	0.00	321.85	335.74	30.37
TSG-MW-27A	11/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.85	0.00	319.89	335.74	30.43
TSG-MW-27A	02/23/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.85	0.00	322.89	335.74	30.40
TSG-MW-27A	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ----------								12.61	0.00	323.13	335.74	30.36
TSG-MW-27A	08/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.03	0.00	317.71	335.74	30.37
TSG-MW-27A	10/31/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.05	0.00	313.69	335.74	30.39
TSG-MW-27A	02/27/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	9.67	0.00	326.07	335.74	30.30
TSG-MW-27A	06/09/08	---------- Not Sampled due to Sampling Reduction Plan ----------								16.70	0.00	319.04	335.74	30.39
TSG-MW-27A	09/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.00	0.00	312.74	335.74	30.38
TSG-MW-27A	12/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.05	0.00	309.69	335.74	30.23
TSG-MW-27A	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.46	0.00	323.28	335.74	30.36
TSG-MW-27A	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	335.74	NM
TSG-MW-27A	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	335.74	NM
TSG-MW-27A	03/24/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	10.20	0.00	325.54	335.74	30.34
TSG-MW-27A	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	335.74	NM
TSG-MW-27A	02/10/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	12.87	0.00	322.87	335.74	30.37
TSG-MW-27B	08/20/01	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<1	(19)	(ND<0.5)	(ND<0.5)	24.74	0.00	NC	NS	45.51
TSG-MW-27B	09/27/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(34)	(ND<0.5)	(ND<0.5)	31.15	0.00	NC	NS	48.88
TSG-MW-27B	11/09/01	–	–	–	–	–	–	–	–	31.45	0.00	NC	NS	48.88
TSG-MW-27B	01/25/02	(ND<100)	(0.50)	(0.50)	(ND<0.5)	(1.1)	(22)	(ND<0.5)	(ND<0.5)	21.01	0.00	314.85	335.86	48.88
TSG-MW-27B	05/08/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(25)	(ND<0.5)	(ND<0.5)	24.04	0.00	311.82	335.86	48.82
TSG-MW-27B	07/29/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(17)	–	–	37.40	0.00	298.46	335.86	48.82
TSG-MW-27B	11/15/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(11)	(ND<0.5)	(ND<0.5)	32.21	0.00	303.65	335.86	48.92
TSG-MW-27B	01/13/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(15)	(ND<0.5)	(ND<0.5)	16.12	0.00	319.74	335.86	49.05
TSG-MW-27B	05/16/03	(ND<100)	(5.8)	(ND<0.5)	(0.78)	(1.87)	(20)	(ND<0.5)	(ND<0.5)	18.20	0.00	317.66	335.86	49.02
TSG-MW-27B	07/18/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(21)	(ND<0.5)	(ND<0.5)	28.11	0.00	307.75	335.86	46.06
TSG-MW-27B	10/16/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(8.8)	(ND<0.5)	(ND<0.5)	34.58	0.00	301.28	335.86	49.20
TSG-MW-27B	01/28/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(12)	(ND<0.5)	(ND<0.5)	21.97	0.00	313.89	335.86	49.30
TSG-MW-27B	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ----------								24.41	0.00	311.45	335.86	49.19
TSG-MW-27B	08/31/04	(330)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(6.2)	(ND<0.5)	(ND<0.5)	38.96	0.00	296.90	335.86	49.14
TSG-MW-27B	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ----------								36.52	0.00	299.34	335.86	49.38
TSG-MW-27B	03/02/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.79	0.00	320.07	335.86	49.40
TSG-MW-27B	05/18/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(2.0)	(ND<0.5)	(ND<0.5)	13.05	0.00	322.81	335.86	NM

Table 3
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WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
TSG-MW-27B	08/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	27.98	0.00	307.88	335.86	49.57
TSG-MW-27B	11/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	32.31	0.00	303.55	335.86	49.20
TSG-MW-27B	12/20/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	27.31	0.00	308.55	335.86	49.45
TSG-MW-27B	03/03/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.10	0.00	317.76	335.86	49.38
TSG-MW-27B	06/07/06	Not Sampled due to Sampling Reduction Plan								19.31	0.00	316.55	335.86	49.21
TSG-MW-27B	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.68	0.00	310.18	335.86	49.26
TSG-MW-27B	11/29/06	(1,800)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.25	0.00	309.61	335.86	49.28
TSG-MW-27B	02/23/07	(1,100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.71	0.00	313.15	335.86	49.44
TSG-MW-27B	05/07/07	Not Sampled due to Sampling Reduction Plan								23.64	0.00	312.22	335.86	49.38
TSG-MW-27B	08/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	35.92	0.00	299.94	335.86	49.37
TSG-MW-27B	10/31/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	38.33	0.00	297.53	335.86	49.32
TSG-MW-27B	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.78	0.00	312.08	335.86	49.00
TSG-MW-27B	06/09/08	Not Sampled due to Sampling Reduction Plan								36.49	0.00	299.37	335.86	49.32
TSG-MW-27B	09/08/08	Not Sampled - Well Dry								DRY	NC	NC	335.86	49.20
TSG-MW-27B	12/08/08	Not Sampled due to Insufficient Water								48.70	0.00	NC	335.86	48.90
TSG-MW-27B	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.59	0.00	312.27	335.86	49.05
TSG-MW-27B	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	335.86	NM
TSG-MW-27B	07/07/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	335.86	NM
TSG-MW-27B	03/24/10	(180)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	14.48	0.00	321.38	335.86	49.16
TSG-MW-27B	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	335.86	NM
TSG-MW-27B	02/10/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	18.66	0.00	317.20	335.86	49.42
TSG-MW-27C	08/20/01	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<1	(36)	(ND<0.5)	(ND<0.5)	29.12	0.00	NC	NS	69.76
TSG-MW-27C	09/27/01	ND<100	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(36)	(ND<0.5)	(ND<0.5)	34.38	0.00	NC	NS	73.00
TSG-MW-27C	11/09/01	--	--	--	--	--	--	--	--	33.88	0.00	NC	NS	73.00
TSG-MW-27C	01/25/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.00	0.00	310.74	335.74	73.00
TSG-MW-27C	05/08/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(37)	(ND<0.5)	(ND<0.5)	30.19	0.00	305.55	335.74	73.59
TSG-MW-27C	07/29/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(23)	--	--	42.35	0.00	293.39	335.74	73.59
TSG-MW-27C	11/15/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(20)	(ND<0.5)	(ND<0.5)	37.32	0.00	298.42	335.74	73.20
TSG-MW-27C	01/13/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.95	0.00	316.79	335.74	67.15
TSG-MW-27C	05/16/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(25)	(ND<0.5)	(ND<0.5)	23.21	0.00	312.53	335.74	73.11
TSG-MW-27C	07/19/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	33.97	0.00	301.77	335.74	67.87
TSG-MW-27C	10/16/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(21)	(ND<0.5)	(ND<0.5)	38.65	0.00	297.09	335.74	67.70
TSG-MW-27C	01/28/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(23)	(ND<0.5)	(ND<0.5)	25.00	0.00	310.74	335.74	62.28
TSG-MW-27C	05/18/04	Not Sampled due to Sampling Reduction Plan								30.60	0.00	305.14	335.74	68.31
TSG-MW-27C	08/31/04	(ND<100)	(ND<0.5)	(0.67)	(ND<0.5)	(1.9)	(14)	(ND<0.5)	(ND<0.5)	44.57	0.00	291.17	335.74	73.23
TSG-MW-27C	11/30/04	Not Sampled due to Sampling Reduction Plan								40.05	0.00	295.69	335.74	NM
TSG-MW-27C	03/02/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(16)	(ND<0.5)	(ND<0.5)	18.38	0.00	317.36	335.74	73.25
TSG-MW-27C	05/16/05	Not Sampled due to Sampling Reduction Plan								16.98	0.00	318.76	335.74	NM
TSG-MW-27C	08/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	31.73	0.00	304.01	335.74	73.34

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
TSG-MW-27C	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ----------								33.83	0.00	301.91	335.74	73.30
TSG-MW-27C	03/03/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.78	0.00	315.96	335.74	73.25
TSG-MW-27C	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ----------								26.61	0.00	309.13	335.74	73.26
TSG-MW-27C	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	32.22	0.00	303.52	335.74	73.24
TSG-MW-27C	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ----------								28.43	0.00	307.31	335.74	73.30
TSG-MW-27C	02/23/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.77	0.00	310.97	335.74	73.28
TSG-MW-27C	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ----------								26.43	0.00	309.31	335.74	73.23
TSG-MW-27C	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	39.25	0.00	296.49	335.74	73.25
TSG-MW-27C	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ----------								40.51	0.00	295.23	335.74	72.15
TSG-MW-27C	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.10	0.00	309.64	335.74	72.09
TSG-MW-27C	06/09/08	---------- Not Sampled due to Sampling Reduction Plan ----------								40.31	0.00	295.43	335.74	72.14
TSG-MW-27C	09/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	54.76	0.00	280.98	335.74	73.22
TSG-MW-27C	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ----------								50.10	0.00	285.64	335.74	70.92
TSG-MW-27C	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.04	0.00	309.70	335.74	73.24
TSG-MW-27C	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	335.74	NM
TSG-MW-27C	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	335.74	NM
TSG-MW-27C	03/24/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	16.39	0.00	319.35	335.74	73.28
TSG-MW-27C	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	335.74	NM
TSG-MW-27C	02/10/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	23.61	0.00	312.13	335.74	73.41
TSG-MW-28A	08/20/01	---------- Not Accessible Due to On-Going Construction ----------								NM	0.00	NC	NS	NM
TSG-MW-28A	09/27/01****	(3,500)	(330)	(9.0)	(190)	(116)	(24)	(2.0)	(ND<0.5)	20.05	0.00	NC	NS	28.25
TSG-MW-28A	11/09/01	–	–	–	–	–	–	–	–	31.96	0.00	NC	NS	28.25
TSG-MW-28A	01/25/02	(ND<100)	(0.64)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(18)	(ND<0.5)	(ND<0.5)	11.00	0.00	322.28	333.28	28.25
TSG-MW-28A	05/08/02	(1,800)	(92)	(47)	(32)	(14.7)	(6.1)	(ND<0.5)	(ND<0.5)	11.19	0.00	322.09	333.28	28.30
TSG-MW-28A	07/29/02	---------- Well Not Sampled - Insufficient Water Volume ----------								27.41	0.00	305.87	333.28	28.30
TSG-MW-28A	11/19/02	(3,000)	(990)	(240)	(560)	(1,200)	(ND<2)	(ND<5)	(ND<5)	18.36	0.00	314.92	333.28	30.45
TSG-MW-28A	01/11/03	(7,800)	(180)	(21)	(100)	(96.6)	(ND<20)	(ND<5)	(ND<5)	8.76	0.00	324.52	333.28	29.40
TSG-MW-28A	05/15/03	(900)	(7.6)	(0.74)	(8.2)	(4.4)	(ND<2)	(ND<5)	(ND<5)	9.75	0.00	323.53	333.28	29.30
TSG-MW-28A	07/18/03	(4,700)	(140)	(22)	(61)	(72.6)	(ND<2)	(ND<0.5)	(ND<0.5)	14.43	0.00	318.85	333.28	29.07
TSG-MW-28A	10/16/03	(52[1])	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(55)	(ND<0.5)	(ND<0.5)	23.27	0.00	310.01	333.28	29.10
TSG-MW-28A	01/29/04	(1,600)	(36)	(6.8)	(30)	(26)	(ND< 2)	(ND<0.5)	(ND<0.5)	11.80	0.00	321.48	333.28	29.10
TSG-MW-28A	05/20/04	(820)	(6.6)	(1.4)	(6.1)	(4.9)	(ND< 2)	(ND<0.5)	(ND<0.5)	10.22	0.00	323.06	333.28	29.10
TSG-MW-28A	08/31/04	(7,300)	(200)	(38)	(100)	(118.8)	(ND< 2)	(ND<0.5)	(ND<0.5)	25.32	0.00	307.96	333.28	30.04
TSG-MW-28A	12/01/04	(5,600)	(720)	(160)	(280)	(442)	(ND< 2)	(ND<0.5)	(ND<0.5)	20.60	0.00	312.68	333.28	30.04
TSG-MW-28A	03/02/05	(1,500)	(23)	(2.7)	(26)	(13.66)	(ND< 2)	(ND<0.5)	(ND<0.5)	7.30	0.00	325.98	333.28	30.04
TSG-MW-28A	05/18/05	(1,200)	(21)	(3.3)	(24)	(10.34)	(ND< 2)	(ND<0.5)	(ND<0.5)	6.91	0.00	326.37	333.28	NM
TSG-MW-28A	08/30/05	(1,100)	(ND<0.5)	(ND<0.5)	(0.50)	(ND<1.5)	(ND< 2)	(ND<0.5)	(ND<0.5)	9.24	0.00	324.04	333.28	30.10
TSG-MW-28A	12/01/05	(160)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND< 2)	(ND<0.5)	(ND<0.5)	12.44	0.00	320.84	333.28	30.08
TSG-MW-28A	03/03/06	(260)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND< 2)	(ND<0.5)	(ND<0.5)	7.25	0.00	326.03	333.28	30.02

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
TSG-MW-28A	06/08/06	(1,000)	(2.1)	(ND<0.5)	(1.2)	(ND<1.5)	(ND< 2)	(ND<0.5)	(ND<0.5)	8.42	0.00	324.86	333.28	30.03
TSG-MW-28A	08/29/06	(360)	(0.89)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND< 2)	(ND<0.5)	(ND<0.5)	10.54	0.00	322.74	333.28	30.02
TSG-MW-28A	11/29/06	(1,400)	(0.66)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND< 2)	(ND<0.5)	(ND<0.5)	11.30	0.00	321.98	333.28	30.08
TSG-MW-28A	02/22/07	(6,700)	(47)	(4.2)	(27)	(13)	(ND< 2)	(ND<0.5)	(ND<0.5)	8.69	0.00	324.59	333.28	30.08
TSG-MW-28A	05/09/07	(3,300)	(6.9)	(0.90)	(2.7)	(1.7)	(ND< 2)	(ND<0.5)	(ND<0.5)	9.54	0.00	323.74	333.28	30.01
TSG-MW-28A	08/07/07	(1,900)	(28)	(8.9)	(18)	(13.1)	(ND< 2)	(ND<0.5)	(ND<0.5)	15.32	0.00	317.96	333.28	30.06
TSG-MW-28A	10/30/07	(5,400)	(360)	(65)	(150)	(189.8)	(ND< 2)	(ND<0.5)	(ND<0.5)	21.26	0.00	312.02	333.28	29.80
TSG-MW-28A	02/27/08	(7,100)	(180)	(50)	(180)	(178.2)	(ND< 10)	(ND<2.5)	(ND<2.5)	7.48	0.00	325.80	333.28	29.71
TSG-MW-28A	06/10/08	(5,200)	(38)	(8.8)	(55)	(35)	(ND< 10)	(ND<2.5)	(ND<2.5)	12.60	0.00	320.68	333.28	29.81
TSG-MW-28A	09/08/08	---------- Not Sampled - Well Dry ----------								Dry	NC	NC	333.28	30.01
TSG-MW-28A	12/08/08	---------- Not Sampled due to Insufficient Water ----------								29.38	0.00	303.90	333.28	29.90
TSG-MW-28A	03/25/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	8.23	0.00	325.05	333.28	29.74
TSG-MW-28A	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	333.28	NM
TSG-MW-28A	07/07/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.88	0.00	321.40	333.28	30.04
TSG-MW-28A	03/24/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	6.62	0.00	326.66	333.28	29.08
TSG-MW-28A	09/22/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	8.35	0.00	324.93	333.28	29.09
TSG-MW-28A	02/10/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	9.34	0.00	323.94	333.28	28.38
TSG-MW-28B	08/20/01	2,600	410	21	37	43	(140)	(1.7)	(ND<0.5)	31.32	0.00	NC	NS	52.02
TSG-MW-28B	09/27/01	(1,700)	(350)	(17)	(17)	(24)	(270)	(2.6)	(ND<0.5)	33.05	0.00	NC	NS	52.22
TSG-MW-28B	11/09/01	--	--	--	--	--	--	--	--	31.82	0.00	NC	NS	52.22
TSG-MW-28B	01/25/02	(8,600)	(1,000)	(36)	(81)	(51)	(260)	(ND<0.5)	(ND<0.5)	23.33	0.00	310.19	333.52	52.52
TSG-MW-28B	05/08/02	(5,000)	(370)	(26)	(ND<10)	(41)	(370)	(ND<0.5)	(ND<0.5)	28.30	0.00	305.22	333.52	51.81
TSG-MW-28B	07/29/02	(3,700)	(290)	(17)	(25)	(28)	(220)	--	--	42.33	0.00	291.19	333.52	51.81
TSG-MW-28B	11/19/02	(510)	(150)	(12)	(8.1)	(25.1)	(250)	(1.4)	(ND<0.5)	31.58	0.00	301.94	333.52	52.05
TSG-MW-28B	01/12/03	(9,700)	(990)	(ND<5)	(ND<5)	(ND<15)	(180)	(ND<5)	(ND<5)	17.48	0.00	316.04	333.52	52.15
TSG-MW-28B	05/15/03	(5,500)	(680)	(61)	(93)	(91)	(200)	(ND<5)	(ND<5)	19.62	0.00	313.90	333.52	52.10
TSG-MW-28B	07/16/03	(10,000)	(1,600)	(110)	(52)	(192)	(180)	(ND<0.5)	(ND<0.5)	33.21	0.00	300.31	333.52	52.05
TSG-MW-28B	10/17/03	(7,100)	(960)	(53)	(53)	(95)	(200)	(ND<0.5)	(ND<0.5)	37.00	0.00	296.52	333.52	52.05
TSG-MW-28B	01/29/04	(7,000)	(1,300)	(27)	(52)	(41)	(240)	(ND<0.5)	(ND<0.5)	22.85	0.00	310.67	333.52	52.10
TSG-MW-28B	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ----------								29.19	0.00	304.33	333.52	53.62
TSG-MW-28B	08/31/04	(5,200)	(530)	(9.4)	(5.2)	(8.6)	(160)	(ND<0.5)	(ND<0.5)	43.63	0.00	289.89	333.52	52.17
TSG-MW-28B	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ----------								38.39	0.00	295.13	333.52	52.15
TSG-MW-28B	03/02/05	(11,000)	(1,200)	(29)	(84)	(69)	(160)	(ND<10)	(ND<10)	16.16	0.00	317.36	333.52	52.16
TSG-MW-28B	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ----------								13.93	0.00	319.59	333.52	NM
TSG-MW-28B	08/30/05	(14,000)	(1,000)	(45)	(60)	(95)	(72)	(ND<5)	(ND<5)	31.88	0.00	301.64	333.52	52.40
TSG-MW-28B	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ----------								34.33	0.00	299.19	333.52	52.42
TSG-MW-28B	03/03/06	(8,900)	(540)	(35)	(52)	(72)	(79)	(ND<10)	(ND<10)	17.13	0.00	316.39	333.52	52.15
TSG-MW-28B	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ----------								20.12	0.00	313.40	333.52	52.19
TSG-MW-28B	08/29/06	(4,200)	(440)	(17)	(24)	(35.9)	(34)	(ND<5)	(ND<5)	27.67	0.00	305.85	333.52	52.18

Table 3
Historical Groundwater Analytical and Elevation Data
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WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
TSG-MW-28B	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ----------								25.70	0.00	307.82	333.52	52.07
TSG-MW-28B	02/22/07	(2,800)	(56)	(2.3)	(1.0)	(4.5)	(41)	(ND<0.5)	(ND<0.5)	23.36	0.00	310.16	333.52	52.20
TSG-MW-28B	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ----------								25.19	0.00	308.33	333.52	52.17
TSG-MW-28B	08/07/07	(5,300)	(340)	(29)	(8.0)	(40.4)	(29)	(ND<0.5)	(ND<0.5)	38.22	0.00	295.30	333.52	52.16
TSG-MW-28B	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ----------								38.68	0.00	294.84	333.52	52.20
TSG-MW-28B	02/27/08	(4,200)	(370)	(18)	(19)	(31)	(31)	(ND<2.5)	(ND<2.5)	24.52	0.00	309.00	333.52	52.05
TSG-MW-28B	08/09/08	---------- Not Sampled due to Sampling Reduction Plan ----------								38.73	0.00	294.79	333.52	52.20
TSG-MW-28B	09/08/08	---------- Not Sampled due to Insufficient Water ----------								51.92	0.00	281.60	333.52	52.19
TSG-MW-28B	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ----------								46.24	0.00	287.28	333.52	51.70
TSG-MW-28B	03/24/09	(3,900)	(290)	(17)	(19)	(63)	(42)	(ND<0.5)	(0.57)	23.11	0.00	310.41	333.52	52.20
TSG-MW-28B	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	333.52	NM
TSG-MW-28B	07/07/09	(750)	(77)	(2.5)	(0.77)	(9)	(25)	(ND<0.5)	(ND<0.5)	30.34	0.00	303.18	333.52	52.21
TSG-MW-28B	03/24/10	(310)	(43)	(1.6)	(1.7)	(3.14)	(9.9)	(ND<0.50)	(ND<0.50)	13.60	0.00	319.92	333.52	52.19
TSG-MW-28B	09/22/10	(350)	(21)	(0.64)	(0.54)	(ND<1.50)	(13)	(ND<0.50)	(ND<0.50)	24.06	0.00	309.46	333.52	52.23
TSG-MW-28B	02/10/11	(170)	(16)	(0.58)	(1.3)	(2.0)	(6.0)	(ND<0.50)	(ND<0.50)	17.77	0.00	315.75	333.52	52.21
TSG-MW-28C	08/20/01	----------Not Accessible Due to On-Going Construction----------								NM	NC	NC	NS	NM
TSG-MW-28C	09/27/01****	ND<100	(1.1)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(4.5)	(ND<0.5)	33.13	0.00	NC	NS	69.46
TSG-MW-28C	11/09/01	--	--	--	--	--	--	--	--	21.06	0.00	NC	NS	28.25
TSG-MW-28C	01/25/02	(820)	(330)	(8.7)	(78)	(18.1)	(7.6)	(ND<0.5)	(ND<0.5)	24.10	0.00	309.23	333.33	68.46
TSG-MW-28C	05/08/02	(ND<100)	(4.1)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(27)	(ND<0.5)	(ND<0.5)	29.73	0.00	303.60	333.33	68.11
TSG-MW-28C	07/29/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(32)	--	--	11.63	0.00	321.70	333.33	68.11
TSG-MW-28C	11/19/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(17)	(1.7)	(ND<0.5)	33.02	0.00	300.31	333.33	69.60
TSG-MW-28C	01/11/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(3.3)	(ND<0.5)	(ND<0.5)	17.35	0.00	315.98	333.33	67.60
TSG-MW-28C	05/15/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(45)	(ND<0.5)	(ND<0.5)	22.12	0.00	311.21	333.33	68.82
TSG-MW-28C	07/18/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(59)	(3.8)	(ND<0.5)	33.89	0.00	299.44	333.33	68.28
TSG-MW-28C	10/16/03	(44[1])	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(40)	(2.4)	(ND<0.5)	37.37	0.00	295.96	333.33	68.24
TSG-MW-28C	01/29/04	(120)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(72)	(ND<0.5)	(ND<0.5)	24.10	0.00	309.23	333.33	62.40
TSG-MW-28C	01/29/04	---------- Not Sampled due to Sampling Reduction Plan ----------								30.16	0.00	303.17	333.33	67.16
TSG-MW-28C	08/31/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(75)	(3.6)	(ND<0.5)	44.03	0.00	289.30	333.33	69.51
TSG-MW-28C	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ----------								38.58	0.00	294.75	333.33	NM
TSG-MW-28C	03/02/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	ND<1.5)	(74)	(3.5)	(ND<0.5)	16.81	0.00	316.52	333.33	69.50
TSG-MW-28C	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ----------								14.27	0.00	319.06	333.33	NM
TSG-MW-28C	08/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	32.92	0.00	300.41	333.33	69.58
TSG-MW-28C	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ----------								34.95	0.00	298.38	333.33	69.56
TSG-MW-28C	03/03/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.31	0.00	316.02	333.33	69.48
TSG-MW-28C	08/07/06	---------- Not Sampled due to Sampling Reduction Plan ----------								23.67	0.00	309.66	333.33	69.42
TSG-MW-28C	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	ND<1.5)	(70)	(3.2)	(ND<0.5)	30.63	0.00	302.70	333.33	69.37
TSG-MW-28C	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ----------								26.14	0.00	307.19	333.33	69.54
TSG-MW-28C	02/22/07	(170)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(98)	(ND<0.5)	(ND<0.5)	23.15	0.00	310.18	333.33	69.52

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WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
TSG-MW-28C	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ----------								24.87	0.00	308.46	333.33	69.45
TSG-MW-28C	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(44)	(ND<0.5)	(ND<0.5)	38.43	0.00	294.90	333.33	69.39
TSG-MW-28C	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ----------								38.05	0.00	295.28	333.33	68.90
TSG-MW-28C	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(48)	(3.1)	(ND<0.5)	24.70	0.00	308.63	333.33	68.88
TSG-MW-28C	06/09/08	---------- Not Sampled due to Sampling Reduction Plan ----------								39.52	0.00	293.81	333.33	68.91
TSG-MW-28C	09/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(4.6)	(ND<0.5)	(ND<0.5)	55.32	0.00	278.01	333.33	69.40
TSG-MW-28C	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ----------								46.19	0.00	287.14	333.33	68.15
TSG-MW-28C	03/25/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.03	0.00	309.30	333.33	68.15
TSG-MW-28C	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	333.33	NM
TSG-MW-28C	07/07/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	33.48	0.00	299.85	333.33	69.30
TSG-MW-28C	03/24/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	14.21	0.00	319.12	333.33	68.45
TSG-MW-28C	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	333.33	NM
TSG-MW-28C	02/10/11	(ND<100)	(33)	(ND<0.50)	(ND<0.50)	(2.5)	(ND<2.0)	(ND<0.50)	(ND<0.50)	16.66	0.00	316.67	333.33	68.45
TSG-MW-29B	08/20/01	24,000	1,600	5,700	750	4,900	(880)	(ND<50)	(ND<50)	26.44	0.00	NC	NS	47.70
TSG-MW-29B	09/27/01	(50,000)	(1,100)	(5,700)	(880)	(7,900)	(820)	(ND<50)	(ND<50)	37.20	0.00	NC	NS	51.55
TSG-MW-29B	11/09/01	--	--	--	--	--	--	--	--	33.03	0.00	NC	NS	51.55
TSG-MW-29B	01/25/02	(24,000)	(1,200)	(6,500)	(1,200)	(7,300)	(560)	(ND<10)	(ND<10)	22.80	0.00	315.21	338.01	51.55
TSG-MW-29B	05/08/02	(61,000)	(630)	(4,200)	(840)	(6,200)	(ND<200)	(ND<50)	(ND<50)	26.37	0.00	311.64	338.01	51.08
TSG-MW-29B	07/29/02	----------Well Not Sampled - Separate-Phase Hydrocarbons Found During Purging----------								41.00	0.00	NC	338.01	51.08
TSG-MW-29B	11/15/02	----------Well Not Sampled - Separate-Phase Hydrocarbons Found During Purging----------								37.01	0.20	NC	338.01	NM
TSG-MW-29B	01/10/03	----------Well Not Sampled Due to Presence of Free Product----------								23.02	2.02	NC	338.01	49.00
TSG-MW-29B	04/30/03	(57,000)	(1,100)	(5,100)	(1,200)	(8,200)	(350)	(ND<25)	(ND<25)	25.40	1.49	NC	338.01	51.18
TSG-MW-29B	07/16/03	----------Well Not Sampled due to Presence of Free Product----------								33.88	1.22	NC	338.01	45.21
TSG-MW-29B	10/13/03	----------Well Not Sampled due to Presence of Free Product----------								39.49	0.77	NC	338.01	45.24
TSG-MW-29B	01/26/04	----------Well Not Sampled due to Presence of Free Product----------								24.91	0.90	NC	338.01	51.00
TSG-MW-29B	05/18/04	----------Well Not Sampled due to Presence of Free Product----------								25.51	0.24	NC	338.01	NM
TSG-MW-29B	08/30/04	----------Well Not Sampled due to Presence of Free Product----------								43.26	0.50	NC	338.01	NM
TSG-MW-29B	11/30/04	----------Well Not Sampled due to Presence of Free Product----------								35.03	Sheen	NC	338.01	NM
TSG-MW-29B	03/02/05	(120,000)	(350)	(2,300)	(1,700)	(8,500)	(ND<200)	ND<50	ND<50	16.51	Sheen	321.50	338.01	52.00
TSG-MW-29B	05/18/05	(26,000)	(300)	(1,600)	(790)	(3,610)	(ND<200)	ND<50	ND<50	15.62	0.00	322.39	338.01	NM
TSG-MW-29B	08/29/05	----------Well Not Sampled due to Presence of Free Product----------								29.04	0.16	NC	338.01	NM
TSG-MW-29B	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ----------								34.12	0.00	303.89	338.01	52.00
TSG-MW-29B	03/02/06	----------Well Not Sampled due to Presence of Free Product----------								19.34	0.09	NC	338.01	NM
TSG-MW-29B	06/07/06	----------Well Not Sampled due to Presence of Free Product----------								24.06	0.01	NC	338.01	NM
TSG-MW-29B	08/28/06	----------Well Not Sampled due to Presence of Free Product----------								25.31	0.07	NC	338.01	NM
TSG-MW-29B	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ----------								27.56	0.00	310.45	338.01	52.06
TSG-MW-29B	02/23/07	(24,000)	(20)	(200)	(45)	(ND<7.5)	(18)	(ND<0.5)	(ND<0.5)	24.24	0.00	313.77	338.01	52.04
TSG-MW-29B	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ----------								24.70	0.00	313.31	338.01	51.96
TSG-MW-29B	08/08/07	(30,000)	(44)	(63)	(730)	(1,860)	(71)	(ND<0.5)	(ND<0.5)	34.74	0.00	303.27	338.01	52.93

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WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
TSG-MW-29B	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ----------								33.94	0.00	304.07	338.01	52.00
TSG-MW-29B	02/27/08	(14,000)	(13)	(33)	(7.6)	(2,400)	(22)	(ND<5)	(ND<5)	28.74	0.00	309.27	338.01	52.01
TSG-MW-29B	06/09/08	---------- Not Sampled due to Sampling Reduction Plan ----------								31.95	0.00	306.06	338.01	52.02
TSG-MW-29B	09/10/08	(700)	(5.5)	(2.6)	(3.7)	(17.7)	(3.1)	(ND<0.5)	(ND<0.5)	50.27	0.00	287.74	338.01	52.00
TSG-MW-29B	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ----------								46.85	0.00	291.16	338.01	51.83
TSG-MW-29B	03/25/09	(540)	(0.74)	(0.51)	(2.3)	(22.4)	(8.6)	(ND<0.5)	(ND<0.5)	42.89	0.00	295.12	338.01	47.17
TSG-MW-29B	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	338.01	NM
TSG-MW-29B	07/07/09	---------- Not Sampled - Well Dry ----------								DRY	NC	NC	338.01	46.57
TSG-MW-29B	03/24/10	(300)	(1.8)	(0.54)	(ND<0.50)	(14)	(ND<2.0)	(ND<0.50)	(ND<0.50)	17.71	0.00	320.30	338.01	46.61
TSG-MW-29B	09/22/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(4.6)	(ND<2.0)	(ND<0.50)	(ND<0.50)	44.09	0.00	293.92	338.01	45.45
TSG-MW-29B	02/09/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(4.6)	(ND<2.0)	(ND<0.50)	(ND<0.50)	44.09	0.00	293.92	338.01	45.45
TSG-MW-29C	08/20/01	6,000	2,400	100	96	110	(2,000)	(ND<5)	(ND<5)	31.11	0.00	NC	NS	70.31
TSG-MW-29C	09/27/01	–	–	–	–	–	–	–	–	37.45	0.00	NC	NS	72.55
TSG-MW-29C	10/02/01	(8,900)	(2,800)	(66)	(85)	(59)	(950)	(ND<5)	(ND<5)	38.87	0.00	NC	NS	72.55
TSG-MW-29C	11/09/01	–	–	–	–	–	–	–	–	36.03	0.00	NC	NS	72.55
TSG-MW-29C	01/25/02	(3,300)	(2,700)	(170)	(140)	(230)	(1,200)	(16)	(ND<5)	26.74	2.02	311.27	338.01	72.55
TSG-MW-29C	05/08/02	(18,000)	(1,900)	(170)	(110)	(250)	(890)	(ND<25)	(ND<25)	32.91	2.02	305.10	338.01	73.21
TSG-MW-29C	07/30/02	(2,000)	(740)	(87)	(58)	(154)	(770)	–	–	44.97	0.00	293.04	338.01	73.21
TSG-MW-29C	11/20/02	(9,200)	(880)	(23)	(77)	(81)	(690)	(ND<5)	(ND<5)	39.82	0.00	298.19	338.01	73.80
TSG-MW-29C	01/13/03	(3,600)	(610)	(20)	(50)	(52)	(450)	(ND<2.5)	(ND<2.5)	22.27	0.01	315.74	338.01	73.15
TSG-MW-29C	05/16/03	(2,600)	(1,000)	(18)	(45)	(47)	(920)	(ND<0.5)	(ND<0.5)	29.22	0.00	308.79	338.01	73.11
TSG-MW-29C	07/19/03	(5,000)	(560)	(17)	(61)	(37.6)	(710)	(ND<2.5)	(ND<2.5)	37.67	0.00	300.34	338.01	56.37[5]
TSG-MW-29C	10/16/03	(5,800)	(830)	(12)	(47)	(8.0[1])	(620)	(ND<5)	(ND<5)	41.73	0.00	296.28	338.01	59.40[5]
TSG-MW-29C	01/28/04	(2,200)	(640)	(5.7)	(26)	(ND<7.5)	(570)	(ND<2.5)	(ND<2.5)	33.32	0.00	304.69	338.01	75.00
TSG-MW-29C	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ----------								32.42	0.00	305.59	338.01	75.46
TSG-MW-29C	08/31/04	(2,300)	(570)	(2.6)	(8.0)	(1.5)	(640)	(ND<0.5)	(ND<0.5)	48.13	0.00	289.88	338.01	75.12
TSG-MW-29C	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ----------								41.45	0.00	296.56	338.01	NM
TSG-MW-29C	03/02/05	(3,600)	(750)	(12)	(28)	(ND<15)	(530)	(ND<5)	(ND<5)	20.10	0.00	317.91	338.01	73.85
TSG-MW-29C	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ----------								18.64	0.00	319.37	338.01	NM
TSG-MW-29C	08/30/05	(950)	(200)	(ND<2.5)	(ND<2.5)	(ND<7.5)	(400)	(ND<2.5)	(ND<2.5)	34.39	0.00	303.62	338.01	73.91
TSG-MW-29C	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ----------								33.63	0.00	304.38	338.01	73.90
TSG-MW-29C	03/03/06	(4,400)	(76)	(4.8)	(0.56)	(6.3)	(90)	(0.80)	(ND<0.5)	23.42	0.00	314.59	338.01	73.80
TSG-MW-29C	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ----------								30.72	0.00	307.29	338.01	74.00
TSG-MW-29C	08/29/06	(3,600)	(200)	(ND<0.5)	(7.2)	(13.6)	(130)	(2.0)	(ND<0.5)	36.53	0.00	301.48	338.01	74.00
TSG-MW-29C	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ----------								30.95	0.00	307.06	338.01	73.90
TSG-MW-29C	02/23/07	(1,500)	(20)	(14)	(2.5)	(142)	(100)	(ND<0.5)	(ND<0.5)	27.62	0.00	310.39	338.01	73.88
TSG-MW-29C	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ----------								29.28	0.00	308.73	338.01	74.00
TSG-MW-29C	08/08/07	(3,400)	(37)	(1.2)	(1.0)	(11.1)	(100)	(ND<0.5)	(ND<0.5)	42.76	0.00	295.25	338.01	74.02
TSG-MW-29C	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ----------								45.53	0.00	292.48	338.01	74.03

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
TSG-MW-29C	02/27/08	(3,100)	(20)	(4.5)	(3.4)	(58)	(24)	(ND<0.5)	(ND<0.5)	33.68	0.00	304.33	338.01	73.93
TSG-MW-29C	06/09/08	Not Sampled due to Sampling Reduction Plan								43.60	0.00	294.41	338.01	74.03
TSG-MW-29C	09/10/08	(210)	(3.4)	(ND<0.5)	(ND<0.5)	(2.2)	(36)	(ND<0.5)	(ND<0.5)	59.36	0.00	278.65	338.01	74.01
TSG-MW-29C	12/08/08	Not Sampled due to Sampling Reduction Plan								53.80	0.00	284.21	338.01	73.45
TSG-MW-29C	03/25/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(12)	(ND<0.5)	(ND<0.5)	37.78	0.00	300.23	338.01	64.95
TSG-MW-29C	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	338.01	NM
TSG-MW-29C	07/07/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(1.9)	(3.7)	(ND<0.5)	(ND<0.5)	45.52	0.00	292.49	338.01	65.90
TSG-MW-29C	03/24/10	(ND<100)	(0.85)	(ND<0.50)	(0.74)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	17.63	0.00	320.38	338.01	64.94
TSG-MW-29C	09/22/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(3.8)	(ND<0.50)	(ND<0.50)	40.40	0.00	297.61	338.01	64.91
TSG-MW-29C	02/11/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	21.96	0.00	316.05	338.01	64.46
ET-MW-30A	08/26/02	Well Dry								DRY	NC	NC	335.06	32.93
ET-MW-30A	11/15/02	Well Dry								DRY	NC	NC	335.06	32.95
ET-MW-30A	01/11/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(2.1)	(ND<0.5)	(ND<0.5)	11.91	0.00	323.15	335.06	32.70
ET-MW-30A	04/30/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.70	0.00	319.36	335.06	32.95
ET-MW-30A	07/17/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.32	0.00	308.74	335.06	32.72
ET-MW-30A	10/15/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	30.85	0.00	304.21	335.06	32.80
ET-MW-30A	01/27/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.64	0.00	315.42	335.06	32.72
ET-MW-30A	05/19/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.47	0.00	312.59	335.06	29.81
ET-MW-30A	08/30/04	Not Sampled - Insufficient Water								32.63	0.00	302.43	335.06	32.96
ET-MW-30A	11/30/04	Not Sampled - Insufficient Water								32.65	0.00	302.41	335.06	32.96
ET-MW-30A	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.85	0.00	320.21	335.06	32.97
ET-MW-30A	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	10.77	0.00	324.29	335.06	NM
ET-MW-30A	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.29	0.00	312.77	335.06	33.02
ET-MW-30A	12/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.72	0.00	311.34	335.06	33.00
ET-MW-30A	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.00	0.00	320.06	335.06	32.96
ET-MW-30A	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.90	0.00	322.16	335.06	32.97
ET-MW-30A	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.09	0.00	315.97	335.06	32.96
ET-MW-30A	11/28/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.62	0.00	313.44	335.06	33.00
ET-MW-30A	02/23/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.82	0.00	316.24	335.06	33.00
ET-MW-30A	05/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.02	0.00	316.04	335.06	32.93
ET-MW-30A	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.14	0.00	308.92	335.06	32.96
ET-MW-30A	10/29/07	Not Sampled due to Insufficient Water								32.36	0.00	302.70	335.06	33.00
ET-MW-30A	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.92	0.00	317.14	335.06	33.00
ET-MW-30A	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.59	0.00	308.47	335.06	33.00
ET-MW-30A	09/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	28.00	0.00	307.06	335.06	32.98
ET-MW-30A	12/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	27.30	0.00	307.76	335.06	32.77
ET-MW-30A	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.13	0.00	316.93	335.06	32.99
ET-MW-30A	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	335.06	NM
ET-MW-30A	07/07/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	335.06	NM

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
ET-MW-30A	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	11.18	0.00	323.88	335.06	32.96
ET-MW-30A	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	335.06	NM
ET-MW-30A	02/10/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	14.61	0.00	320.45	335.06	33.00
ET-MW-30B	08/26/02	(130)	(0.98)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(0.98)	36.25	0.00	298.75	335.00	51.84
ET-MW-30B	11/17/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	34.34	0.00	300.66	335.00	52.15
ET-MW-30B	01/11/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.00	0.00	319.00	335.00	52.70
ET-MW-30B	04/30/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.85	0.00	316.15	335.00	51.05
ET-MW-30B	07/17/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	27.14	0.00	307.86	335.00	50.84
ET-MW-30B	10/15/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	31.86	0.00	303.14	335.00	50.85
ET-MW-30B	01/27/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	31.86	0.00	303.14	335.00	50.85
ET-MW-30B	05/18/04	Not Sampled due to Pump Tubing Stuck in Well								NA	NC	NC	335.00	NM
ET-MW-30B	08/31/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	34.75	0.00	300.25	335.00	52.64
ET-MW-30B	11/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	36.11	0.00	298.89	335.00	52.64
ET-MW-30B	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.90	0.00	317.10	335.00	52.44
ET-MW-30B	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.09	0.00	320.91	335.00	NM
ET-MW-30B	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.51	0.00	310.49	335.00	52.65
ET-MW-30B	12/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	27.71	0.00	307.29	335.00	52.49
ET-MW-30B	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.15	0.00	317.85	335.00	52.42
ET-MW-30B	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.10	0.00	315.90	335.00	51.80
ET-MW-30B	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.58	0.00	310.42	335.00	51.80
ET-MW-30B	11/28/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.51	0.00	311.49	335.00	52.47
ET-MW-30B	02/23/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.89	0.00	314.11	335.00	52.46
ET-MW-30B	05/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.47	0.00	314.53	335.00	52.55
ET-MW-30B	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	30.22	0.00	304.78	335.00	51.81
ET-MW-30B	10/30/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	33.25	0.00	301.75	335.00	51.70
ET-MW-30B	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.40	0.00	313.60	335.00	57.58
ET-MW-30B	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	30.28	0.00	304.72	335.00	51.71
ET-MW-30B	09/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	41.93	0.00	293.07	335.00	51.79
ET-MW-30B	12/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	42.25	0.00	292.75	335.00	51.07
ET-MW-30B	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.76	0.00	313.24	335.00	51.20
ET-MW-30B	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	335.00	NM
ET-MW-30B	07/07/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	335.00	NM
ET-MW-30B	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	12.98	0.00	322.02	335.00	51.30
ET-MW-30B	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	335.00	NM
ET-MW-30B	02/10/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	19.47	0.00	315.53	335.00	51.41
ET-MW-30C	08/26/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	44.70	0.00	290.20	334.90	68.93
ET-MW-30C	11/17/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	34.29	0.00	300.61	334.90	70.40
ET-MW-30C	01/11/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.18	0.00	315.72	334.90	69.50

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
ET-MW-30C	04/30/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.14	0.00	311.76	334.90	70.10
ET-MW-30C	07/17/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	36.30	0.00	298.60	334.90	69.48
ET-MW-30C	10/15/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	39.72	0.00	295.18	334.90	69.30
ET-MW-30C	01/27/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.33	0.00	309.57	334.90	69.61
ET-MW-30C	05/19/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	31.62	0.00	303.28	334.90	69.92
ET-MW-30C	08/31/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	46.74	0.00	288.16	334.90	69.96
ET-MW-30C	11/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	41.72	0.00	293.18	334.90	69.96
ET-MW-30C	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.00	0.00	315.90	334.90	69.82
ET-MW-30C	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.42	0.00	317.48	334.90	NM
ET-MW-30C	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	34.68	0.00	300.22	334.90	69.96
ET-MW-30C	12/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	38.03	0.00	296.87	334.90	69.86
ET-MW-30C	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.52	0.00	315.38	334.90	69.80
ET-MW-30C	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.85	0.00	309.05	334.90	69.91
ET-MW-30C	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	33.42	0.00	301.48	334.90	69.93
ET-MW-30C	11/28/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	28.75	0.00	306.15	334.90	69.85
ET-MW-30C	02/23/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.71	0.00	310.19	334.90	69.84
ET-MW-30C	05/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.82	0.00	308.08	334.90	69.91
ET-MW-30C	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	40.58	0.00	294.32	334.90	69.93
ET-MW-30C	10/30/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	40.52	0.00	294.38	334.90	70.00
ET-MW-30C	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.95	0.00	307.95	334.90	70.02
ET-MW-30C	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	41.72	0.00	293.18	334.90	69.99
ET-MW-30C	09/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	57.52	0.00	277.38	334.90	69.92
ET-MW-30C	12/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	48.60	0.00	286.30	334.90	69.69
ET-MW-30C	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.31	0.00	308.59	334.90	69.82
ET-MW-30C	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	334.90	NM
ET-MW-30C	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	334.90	NM
ET-MW-30C	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	16.35	0.00	318.55	334.90	69.80
ET-MW-30C	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	334.90	NM
ET-MW-30C	02/10/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	24.38	0.00	310.52	334.90	69.86
ET-MW-30D	11/17/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	34.34	0.00	300.55	334.89	96.25
ET-MW-30D	08/26/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	44.91	0.00	289.98	334.89	96.88
ET-MW-30D	01/11/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.46	0.00	315.43	334.89	95.53
ET-MW-30D	04/30/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.68	0.00	312.21	334.89	98.82
ET-MW-30D	07/17/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	36.24	0.00	298.65	334.89	99.59
ET-MW-30D	10/15/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	46.35	0.00	288.54	334.89	99.20
ET-MW-30D	01/27/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.91	0.00	308.98	334.89	98.82
ET-MW-30D	05/19/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	31.74	0.00	303.15	334.89	99.80
ET-MW-30D	08/31/04	(100)	(1.6)	(1.8)	(2.3)	(7.4)	(3.6)	(2.4)	(4.3)	47.19	0.00	287.70	334.89	99.17
ET-MW-30D	11/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	42.55	0.00	292.34	334.89	99.17

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
ET-MW-30D	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.22	0.00	315.67	334.89	99.25
ET-MW-30D	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.10	0.00	316.79	334.89	NM
ET-MW-30D	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	36.06	0.00	298.83	334.89	99.44
ET-MW-30D	12/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	38.72	0.00	296.17	334.89	99.30
ET-MW-30D	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.80	0.00	315.09	334.89	99.23
ET-MW-30D	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	27.80	0.00	307.09	334.89	99.22
ET-MW-30D	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	34.74	0.00	300.15	334.89	99.20
ET-MW-30D	11/28/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	29.40	0.00	305.49	334.89	99.27
ET-MW-30D	02/23/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.81	0.00	310.08	334.89	99.22
ET-MW-30D	05/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.80	0.00	308.09	334.89	99.25
ET-MW-30D	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	41.11	0.00	293.78	334.89	99.22
ET-MW-30D	10/30/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	40.48	0.00	294.41	334.89	98.04
ET-MW-30D	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.40	0.00	313.49	334.89	97.92
ET-MW-30D	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	41.60	0.00	293.29	334.89	98.03
ET-MW-30D	09/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	58.41	0.00	276.48	334.89	99.20
ET-MW-30D	12/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	48.47	0.00	286.42	334.89	96.52
ET-MW-30D	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.33	0.00	308.56	334.89	99.09
ET-MW-30D	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	334.89	NM
ET-MW-30D	07/07/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	334.89	NM
ET-MW-30D	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	17.04	0.00	317.85	334.89	99.18
ET-MW-30D	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	334.89	NM
ET-MW-30D	02/10/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	25.25	0.00	309.64	334.89	99.24
ET-MW-31A	08/26/02	Well Dry								DRY	NC	NC	335.66	32.31
ET-MW-31A	11/15/02	Well Dry								DRY	NC	NC	335.66	32.15
ET-MW-31A	01/12/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.02	0.00	321.64	335.66	32.10
ET-MW-31A	04/30/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.41	0.00	318.25	335.66	32.46
ET-MW-31A	07/16/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.96	0.00	310.70	335.66	32.12
ET-MW-31A	10/13/03	Not Sampled due to Insufficient Water								32.08	0.00	303.58	335.66	32.40
ET-MW-31A	01/27/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.10	0.00	313.56	335.66	32.10
ET-MW-31A	05/18/04	Not Sampled due to Pump Tubing Stuck in Well								NM	NC	NC	335.66	NM
ET-MW-31A	08/30/04	Not Sampled due to Insufficient Water								32.05	0.00	303.61	335.66	32.38
ET-MW-31A	08/30/04	Not Sampled due to Insufficient Water								32.05	0.00	303.61	335.66	32.38
ET-MW-31A	08/30/04	Not Sampled due to Insufficient Water								32.11	0.00	303.55	335.66	32.38
ET-MW-31A	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.16	0.00	318.50	335.66	32.38
ET-MW-31A	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.38	0.00	323.28	335.66	NM
ET-MW-31A	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.29	0.00	312.37	335.66	32.56
ET-MW-31A	12/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	28.82	0.00	306.84	335.66	32.42
ET-MW-31A	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.95	0.00	318.71	335.66	32.36
ET-MW-31A	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.58	0.00	321.08	335.66	32.37

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B) (µg/L)	BENZENE 8020 (8260B) (µg/L)	TOLUENE 8020 (8260B) (µg/L)	ETHYL-BENZENE 8020 (8260B) (µg/L)	TOTAL XYLENES 8020 (8260B) (µg/L)	MTBE 8020 (8260B) (µg/L)	1,2-DCA (8260B) (µg/L)	EDB (8260B) (µg/L)	DEPTH TO LIQUID (feet-TOC)	HYDRO-CARBON THICKNESS (feet)	GROUND-WATER ELEVATION (feet-MSL)	WELL ELEVATION TOC (feet-MSL)	DEPTH OF WELL (feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
ET-MW-31A	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.94	0.00	314.72	335.66	32.37
ET-MW-31A	11/28/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.23	0.00	312.43	335.66	32.40
ET-MW-31A	02/23/07	(ND<100)	(1.4)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.55	0.00	315.11	335.66	32.40
ET-MW-31A	05/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.19	0.00	315.47	335.66	32.37
ET-MW-31A	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	30.16	0.00	305.50	335.66	32.38
ET-MW-31A	10/29/07	---------- Not Sampled due to Insufficient Water ----------								32.07	0.00	303.59	335.66	32.40
ET-MW-31A	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.49	0.00	315.17	335.66	32.28
ET-MW-31A	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	30.42	0.00	305.24	335.66	32.40
ET-MW-31A	09/08/08	---------- Not Sampled - Well Dry ----------								DRY	NC	NC	335.66	32.38
ET-MW-31A	12/08/08	---------- Not Sampled - Well Dry ----------								DRY	NC	NC	335.66	32.15
ET-MW-31A	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.59	0.00	314.07	335.66	32.19
ET-MW-31A	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	335.66	NM
ET-MW-31A	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	335.66	NM
ET-MW-31A	03/23/10	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.97	0.00	322.69	335.66	32.18
ET-MW-31A	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	335.66	NM
ET-MW-31A	02/10/11	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.05	0.00	319.61	335.66	32.38
ET-MW-31B	08/26/02	(950)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(4.4)	(ND<0.5)	(ND<0.5)	37.14	0.00	298.47	335.61	54.91
ET-MW-31B	11/17/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(14)	(ND<0.5)	(ND<0.5)	36.64	0.00	298.97	335.61	55.05
ET-MW-31B	01/12/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(2.9)	(ND<0.5)	(ND<0.5)	16.32	0.00	319.29	335.61	54.70
ET-MW-31B	04/30/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(11)	(ND<0.5)	(ND<0.5)	19.72	0.00	315.89	335.61	54.74
ET-MW-31B	07/17/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(2.2)	(ND<0.5)	(ND<0.5)	28.96	0.00	306.65	335.61	54.63
ET-MW-31B	10/14/03	(19[1])	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(22)	(ND<0.5)	(ND<0.5)	35.02	0.00	300.59	335.61	54.65
ET-MW-31B	01/27/04	(110)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(28)	(ND<0.5)	(ND<0.5)	22.77	0.00	312.84	335.61	54.70
ET-MW-31B	05/19/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(18)	(ND<0.5)	(ND<0.5)	25.77	0.00	309.84	335.61	54.78
ET-MW-31B	08/31/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(16)	(ND<0.5)	(ND<0.5)	39.50	0.00	296.11	335.61	54.92
ET-MW-31B	12/01/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(13)	(ND<0.5)	(ND<0.5)	40.35	0.00	295.26	335.61	54.92
ET-MW-31B	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(25)	(ND<0.5)	(ND<0.5)	18.00	0.00	317.61	335.61	54.94
ET-MW-31B	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(15)	(ND<0.5)	(ND<0.5)	14.65	0.00	320.96	335.61	NM
ET-MW-31B	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	27.35	0.00	308.26	335.61	55.00
ET-MW-31B	12/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(3.4)	(ND<0.5)	(ND<0.5)	31.69	0.00	303.92	335.61	54.99
ET-MW-31B	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.18	0.00	317.43	335.61	54.95
ET-MW-31B	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(2.7)	(ND<0.5)	(ND<0.5)	20.39	0.00	315.22	335.61	54.94
ET-MW-31B	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.38	0.00	309.23	335.61	54.72
ET-MW-31B	11/28/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.46	0.00	310.15	335.61	54.95
ET-MW-31B	02/23/07	(ND<100)	(4.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.21	0.00	313.40	335.61	54.96
ET-MW-31B	05/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(3.0)	(ND<0.5)	(ND<0.5)	22.82	0.00	312.79	335.61	54.90
ET-MW-31B	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	34.99	0.00	300.62	335.61	54.74
ET-MW-31B	10/30/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	38.90	0.00	296.71	335.61	54.94
ET-MW-31B	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.18	0.00	312.43	335.61	54.89

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
ET-MW-31B	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	35.29	0.00	300.32	335.61	54.94
ET-MW-31B	09/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	51.08	0.00	284.53	335.61	54.94
ET-MW-31B	12/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	47.18	0.00	288.43	335.61	54.46
ET-MW-31B	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.62	0.00	311.99	335.61	54.43
ET-MW-31B	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	335.61	NM
ET-MW-31B	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	335.61	NM
ET-MW-31B	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	14.48	0.00	321.13	335.61	54.71
ET-MW-31B	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	335.61	NM
ET-MW-31B	02/10/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	21.34	0.00	314.27	335.61	54.93
ET-MW-31C	08/26/02	(670)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	45.18	0.00	290.43	335.61	69.55
ET-MW-31C	11/17/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	34.83	0.00	300.78	335.61	70.00
ET-MW-31C	01/12/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.06	0.00	315.55	335.61	69.95
ET-MW-31C	04/30/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.05	0.00	312.56	335.61	69.50
ET-MW-31C	07/19/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	37.52	0.00	298.09	335.61	69.44
ET-MW-31C	10/14/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	40.80	0.00	294.81	335.61	69.50
ET-MW-31C	01/27/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.84	0.00	309.77	335.61	69.15
ET-MW-31C	05/19/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	32.52	0.00	303.09	335.61	37.60
ET-MW-31C	08/31/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	47.06	0.00	288.55	335.61	69.49
ET-MW-31C	12/01/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	42.37	0.00	293.24	335.61	69.49
ET-MW-31C	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.81	0.00	315.80	335.61	69.48
ET-MW-31C	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(3.5)	(ND<0.5)	(ND<0.5)	18.37	0.00	317.24	335.61	NM
ET-MW-31C	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	35.10	0.00	300.51	335.61	69.80
ET-MW-31C	12/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	38.98	0.00	296.63	335.61	69.52
ET-MW-31C	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.32	0.00	315.29	335.61	69.50
ET-MW-31C	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.85	0.00	311.76	335.61	69.33
ET-MW-31C	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	30.49	0.00	305.12	335.61	69.47
ET-MW-31C	11/28/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(2.2)	(ND<0.5)	(ND<0.5)	29.48	0.00	306.13	335.61	69.50
ET-MW-31C	02/23/07	(ND<100)	(1.1)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.79	0.00	309.82	335.61	69.50
ET-MW-31C	05/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	27.52	0.00	308.09	335.61	69.40
ET-MW-31C	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	40.94	0.00	294.67	335.61	69.47
ET-MW-31C	10/30/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(3.3)	(ND<0.5)	(ND<0.5)	42.10	0.00	293.51	335.61	69.50
ET-MW-31C	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	28.00	0.00	307.61	335.61	69.45
ET-MW-31C	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	42.28	0.00	293.33	335.61	69.50
ET-MW-31C	09/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(4.3)	(ND<0.5)	(ND<0.5)	58.03	0.00	277.58	335.61	69.39
ET-MW-31C	12/09/08	(ND<100)	(0.53)	(0.77)	(0.64)	(2.2)	(2.6)	(ND<0.5)	(ND<0.5)	49.98	0.00	285.63	335.61	69.40
ET-MW-31C	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	27.54	0.00	308.07	335.61	69.36
ET-MW-31C	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	335.61	NM
ET-MW-31C	07/07/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	35.62	0.00	299.99	335.61	69.58
ET-MW-31C	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	16.79	0.00	318.82	335.61	69.65

Table 3
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World Oil Marketing Company
Station No. 52
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Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
ET-MW-31C	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	335.61	NM
ET-MW-31C	02/10/11	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.20	0.00	313.41	335.61	69.69
ET-MW-31D	08/26/02	(2,300)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	45.57	0.00	290.05	335.62	98.30
ET-MW-31D	11/18/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	35.89	0.00	299.73	335.62	98.70
ET-MW-31D	01/12/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.32	0.00	315.30	335.62	98.20
ET-MW-31D	04/30/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.03	0.00	311.59	335.62	98.42
ET-MW-31D	07/17/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	37.33	0.00	298.29	335.62	98.16
ET-MW-31D	10/14/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	40.86	0.00	294.76	335.62	98.22
ET-MW-31D	01/27/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.75	0.00	308.87	335.62	98.20
ET-MW-31D	05/19/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	32.63	0.00	302.99	335.62	99.20
ET-MW-31D	08/31/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	47.59	0.00	288.03	335.62	98.46
ET-MW-31D	12/01/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	42.79	0.00	292.83	335.62	98.46
ET-MW-31D	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.06	0.00	315.56	335.62	98.43
ET-MW-31D	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.46	0.00	317.16	335.62	NM
ET-MW-31D	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	36.03	0.00	299.59	335.62	98.65
ET-MW-31D	12/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	39.07	0.00	296.55	335.62	98.47
ET-MW-31D	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.64	0.00	314.98	335.62	98.41
ET-MW-31D	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	27.40	0.00	308.22	335.62	98.50
ET-MW-31D	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	34.70	0.00	300.92	335.62	98.48
ET-MW-31D	11/28/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	30.45	0.00	305.17	335.62	98.45
ET-MW-31D	02/23/07	(ND<100)	(3.1)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.89	0.00	309.73	335.62	98.45
ET-MW-31D	05/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	27.62	0.00	308.00	335.62	98.48
ET-MW-31D	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	41.79	0.00	293.83	335.62	98.50
ET-MW-31D	10/30/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	41.73	0.00	293.89	335.62	99.10
ET-MW-31D	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	28.38	0.00	307.24	335.62	99.02
ET-MW-31D	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	43.10	0.00	292.52	335.62	99.09
ET-MW-31D	09/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(2.6)	(ND<0.5)	(ND<0.5)	58.68	0.00	276.94	335.62	98.57
ET-MW-31D	12/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(3.2)	(ND<0.5)	(ND<0.5)	49.62	0.00	286.00	335.62	98.27
ET-MW-31D	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(3.4)	(ND<0.5)	(ND<0.5)	27.53	0.00	308.09	335.62	98.44
ET-MW-31D	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	335.62	NM
ET-MW-31D	07/07/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(3.7)	(ND<0.5)	(ND<0.5)	36.01	0.00	299.61	335.62	98.52
ET-MW-31D	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(5.8)	(ND<0.50)	(ND<0.50)	16.90	0.00	318.72	335.62	98.40
ET-MW-31D	09/22/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(3.5)	(ND<0.50)	(ND<0.50)	29.06	0.00	306.56	335.62	98.51
ET-MW-31D	02/10/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(2.4)	(ND<0.50)	(ND<0.50)	26.34	0.00	309.28	335.62	98.51
ET-MW-32B	08/26/02	(410)	(0.59)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(3.5)	(ND<0.5)	(0.59)	37.89	0.00	295.64	333.53	54.87
ET-MW-32B	11/18/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	28.15	0.00	305.38	333.53	54.80
ET-MW-32B	01/12/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.92	0.00	318.61	333.53	54.67
ET-MW-32B	05/01/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.96	0.00	314.57	333.53	54.71
ET-MW-32B	07/17/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.00	0.00	307.53	333.53	54.65
ET-MW-32B	10/15/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(1.5[1])	(ND<0.5)	(ND<0.5)	32.82	0.00	300.71	333.53	54.52
ET-MW-32B	01/28/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.10	0.00	313.43	333.53	46.10

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
ET-MW-32B	05/20/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.32	0.00	308.21	333.53	54.82
ET-MW-32B	08/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	39.39	0.00	294.14	333.53	54.90
ET-MW-32B	11/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	34.58	0.00	298.95	333.53	54.90
ET-MW-32B	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.75	0.00	318.78	333.53	54.71
ET-MW-32B	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.98	0.00	318.55	333.53	NM
ET-MW-32B	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	27.35	0.00	306.18	333.53	54.79
ET-MW-32B	11/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	31.17	0.00	302.36	333.53	54.73
ET-MW-32B	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.04	0.00	317.49	333.53	54.69
ET-MW-32B	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.45	0.00	312.08	333.53	54.69
ET-MW-32B	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.92	0.00	306.61	333.53	54.70
ET-MW-32B	11/28/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.47	0.00	310.06	333.53	54.74
ET-MW-32B	02/22/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	19.94	0.00	313.59	333.53	54.73
ET-MW-32B	05/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.14	0.00	308.39	333.53	54.82
ET-MW-32B	10/30/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	35.06	0.00	298.47	333.53	54.55
ET-MW-32B	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.44	0.00	312.09	333.53	54.49
ET-MW-32B	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	33.47	0.00	300.06	333.53	54.54
ET-MW-32B	09/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	47.58	0.00	285.95	333.53	54.70
ET-MW-32B	12/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	44.60	0.00	288.93	333.53	54.45
ET-MW-32B	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.79	0.00	312.74	333.53	54.72
ET-MW-32B	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	333.53	NM
ET-MW-32B	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	333.53	NM
ET-MW-32B	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	12.73	0.00	320.80	333.53	54.69
ET-MW-32B	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	333.53	NM
ET-MW-32B	02/09/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	19.10	0.00	314.43	333.53	54.71
ET-MW-32C	08/26/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	39.64	0.00	293.98	333.62	69.54
ET-MW-32C	11/18/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	30.56	0.00	303.06	333.62	69.53
ET-MW-32C	01/12/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.85	0.00	316.77	333.62	69.60
ET-MW-32C	05/01/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.57	0.00	313.05	333.62	69.68
ET-MW-32C	07/17/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	31.08	0.00	302.54	333.62	69.65
ET-MW-32C	10/15/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	34.50	0.00	299.12	333.62	69.30
ET-MW-32C	01/28/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.10	0.00	312.52	333.62	69.70
ET-MW-32C	05/20/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.66	0.00	306.96	333.62	70.71
ET-MW-32C	08/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	40.61	0.00	293.01	333.62	69.87
ET-MW-32C	11/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	36.40	0.00	297.22	333.62	69.87
ET-MW-32C	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.90	0.00	317.72	333.62	69.70
ET-MW-32C	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.19	0.00	319.43	333.62	NM
ET-MW-32C	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	29.06	0.00	304.56	333.62	69.80
ET-MW-32C	11/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	32.64	0.00	300.98	333.62	69.72
ET-MW-32C	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.45	0.00	317.17	333.62	69.69

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
ET-MW-32C	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.94	0.00	308.68	333.62	69.89
ET-MW-32C	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	30.19	0.00	303.43	333.62	69.99
ET-MW-32C	11/28/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.05	0.00	308.57	333.62	69.72
ET-MW-32C	02/22/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.18	0.00	312.44	333.62	69.68
ET-MW-32C	05/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	28.89	0.00	304.73	333.62	69.90
ET-MW-32C	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	35.35	0.00	298.27	333.62	69.99
ET-MW-32C	10/30/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	37.05	0.00	296.57	333.62	69.90
ET-MW-32C	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.24	0.00	311.38	333.62	69.79
ET-MW-32C	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	36.23	0.00	297.39	333.62	69.90
ET-MW-32C	09/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	51.62	0.00	282.00	333.62	69.90
ET-MW-32C	12/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	45.76	0.00	287.86	333.62	69.72
ET-MW-32C	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.91	0.00	311.71	333.62	69.69
ET-MW-32C	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	333.62	NM
ET-MW-32C	07/07/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	333.62	NM
ET-MW-32C	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	13.49	0.00	320.13	333.62	69.87
ET-MW-32C	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	333.62	NM
ET-MW-32C	02/09/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	21.22	0.00	312.40	333.62	69.90
ET-MW-32D	08/26/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(21)	(ND<0.5)	(ND<0.5)	42.94	0.00	290.68	333.62	99.18
ET-MW-32D	11/18/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(18)	(ND<0.5)	(ND<0.5)	32.81	0.00	300.81	333.62	99.18[4]
ET-MW-32D	01/12/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(17)	(ND<0.5)	(ND<0.5)	18.42	0.00	315.20	333.62	57.00[5]
ET-MW-32D	05/01/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(23)	(ND<0.5)	(ND<0.5)	20.71	0.00	312.91	333.62	99.11
ET-MW-32D	07/17/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(29)	(ND<0.5)	(ND<0.5)	34.41	0.00	299.21	333.62	48.73[5]
ET-MW-32D	10/15/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(15)	(ND<0.5)	(ND<0.5)	38.35	0.00	295.27	333.62	48.75[5]
ET-MW-32D	01/28/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(22)	(ND<0.5)	(ND<0.5)	23.50	0.00	310.12	333.62	99.00
ET-MW-32D	05/20/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(28)	(ND<0.5)	(ND<0.5)	29.72	0.00	303.90	333.62	51.89
ET-MW-32D	08/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(19)	(ND<0.5)	(ND<0.5)	44.54	0.00	289.08	333.62	99.23
ET-MW-32D	11/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(21)	(ND<0.5)	(ND<0.5)	40.26	0.00	293.36	333.62	99.23
ET-MW-32D	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(27)	(ND<0.5)	(ND<0.5)	17.89	0.00	315.73	333.62	99.20
ET-MW-32D	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(28)	(ND<0.5)	(ND<0.5)	15.70	0.00	317.92	333.62	NM
ET-MW-32D	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	33.50	0.00	300.12	333.62	96.30
ET-MW-32D	11/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(20)	(ND<0.5)	(ND<0.5)	36.75	0.00	296.87	333.62	99.24
ET-MW-32D	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(3.8)	(ND<0.5)	(ND<0.5)	18.44	0.00	315.18	333.62	99.18
ET-MW-32D	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(13)	(ND<0.5)	(ND<0.5)	21.25	0.00	312.37	333.62	99.20
ET-MW-32D	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(12)	(ND<0.5)	(ND<0.5)	28.73	0.00	304.89	333.62	99.09
ET-MW-32D	11/28/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(23)	(ND<0.5)	(ND<0.5)	26.65	0.00	306.97	333.62	99.22
ET-MW-32D	02/22/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(23)	(ND<0.5)	(ND<0.5)	23.68	0.00	309.94	333.62	99.22
ET-MW-32D	05/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(29)	(ND<0.5)	(ND<0.5)	25.64	0.00	307.98	333.62	99.17
ET-MW-32D	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(18)	(ND<0.5)	(ND<0.5)	38.76	0.00	294.86	333.62	99.10
ET-MW-32D	10/30/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(23)	(ND<0.5)	(ND<0.5)	38.90	0.00	294.72	333.62	99.15

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
ET-MW-32D	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(19)	(ND<0.5)	(ND<0.5)	25.54	0.00	308.08	333.62	99.08
ET-MW-32D	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(10)	(ND<0.5)	(ND<0.5)	39.83	0.00	293.79	333.62	99.14
ET-MW-32D	09/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(11)	(ND<0.5)	(ND<0.5)	55.85	0.00	277.77	333.62	99.17
ET-MW-32D	12/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(9.1)	(ND<0.5)	(ND<0.5)	47.22	0.00	286.40	333.62	98.75
ET-MW-32D	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(13)	(ND<0.5)	(ND<0.5)	25.02	0.00	308.60	333.62	98.85
ET-MW-32D	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	333.62	NM
ET-MW-32D	07/07/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(9.8)	(ND<0.5)	(ND<0.5)	33.82	0.00	299.80	333.62	98.98
ET-MW-32D	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(5.4)	(ND<0.50)	(ND<0.50)	15.21	0.00	318.41	333.62	98.92
ET-MW-32D	09/22/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(3.0)	(ND<0.50)	(ND<0.50)	26.62	0.00	307.00	333.62	98.82
ET-MW-32D	02/09/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(5.0)	(ND<0.50)	(ND<0.50)	20.31	0.00	313.31	333.62	99.00
ET-MW-33B	08/26/02	(4,000)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	41.38	0.00	292.46	333.84	50.18
ET-MW-33B	11/18/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	31.17	0.00	302.67	333.84	50.00
ET-MW-33B	01/12/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.44	0.00	316.40	333.84	49.30
ET-MW-33B	05/01/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.58	0.00	313.26	333.84	49.87
ET-MW-33B	07/18/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	33.28	0.00	300.56	333.84	49.80
ET-MW-33B	10/15/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	36.75	0.00	297.09	333.84	49.80
ET-MW-33B	01/28/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.26	0.00	310.58	333.84	50.00
ET-MW-33B	05/20/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	28.17	0.00	305.67	333.84	49.46
ET-MW-33B	08/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	43.27	0.00	290.57	333.84	50.23
ET-MW-33B	11/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	37.21	0.00	296.63	333.84	50.23
ET-MW-33B	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.74	0.00	318.10	333.84	50.03
ET-MW-33B	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.62	0.00	318.22	333.84	NM
ET-MW-33B	08/31/05	(320)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	32.06	0.00	301.78	333.84	50.10
ET-MW-33B	11/30/05	(580)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	37.52	0.00	296.32	333.84	50.05
ET-MW-33B	03/02/06	(670)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.55	0.00	316.29	333.84	50.01
ET-MW-33B	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.03	0.00	310.81	333.84	50.20
ET-MW-33B	08/29/06	(140)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	30.01	0.00	303.83	333.84	50.24
ET-MW-33B	11/28/06	(1,300)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.55	0.00	308.29	333.84	50.05
ET-MW-33B	02/22/07	(3,900)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.48	0.00	311.36	333.84	50.05
ET-MW-33B	05/08/07	(820)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.49	0.00	309.35	333.84	50.22
ET-MW-33B	08/07/07	(1,400)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	37.88	0.00	295.96	333.84	50.25
ET-MW-33B	10/30/07	(250)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	37.19	0.00	296.65	333.84	50.24
ET-MW-33B	02/26/08	(300)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.09	0.00	309.75	333.84	50.18
ET-MW-33B	06/10/08	(540)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	36.29	0.00	297.55	333.84	50.24
ET-MW-33B	09/08/08	---------- Not Sampled - Well Dry ----------								DRY	NC	NC	333.84	50.22
ET-MW-33B	12/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	43.62	0.00	290.22	333.84	49.52
ET-MW-33B	03/24/09	(110)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.35	0.00	310.49	333.84	49.73
ET-MW-33B	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	333.84	NM
ET-MW-33B	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	333.84	NM

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
ET-MW-33B	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	14.25	0.00	319.59	333.84	49.96
ET-MW-33B	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	333.84	NM
ET-MW-33B	02/09/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	19.83	0.00	314.01	333.84	50.10
ET-MW-33C	08/26/02	(1,300)	(0.76)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(0.76)	(ND<0.5)	41.98	0.00	291.38	333.36	70.15
ET-MW-33C	11/18/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	31.18	0.00	302.18	333.36	69.94
ET-MW-33C	01/12/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.27	0.00	316.09	333.36	69.70
ET-MW-33C	05/01/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.00	0.00	312.36	333.36	69.45
ET-MW-33C	07/18/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	33.23	0.00	300.13	333.36	69.29
ET-MW-33C	10/15/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	37.29	0.00	296.07	333.36	69.40
ET-MW-33C	01/28/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.33	0.00	310.03	333.36	69.33
ET-MW-33C	05/20/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	29.15	0.00	304.21	333.36	69.16
ET-MW-33C	08/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	43.56	0.00	289.80	333.36	70.15
ET-MW-33C	11/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	40.14	0.00	293.22	333.36	70.15
ET-MW-33C	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.08	0.00	316.28	333.36	69.96
ET-MW-33C	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.35	0.00	318.01	333.36	NM
ET-MW-33C	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	32.95	0.00	300.41	333.36	70.05
ET-MW-33C	11/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	35.80	0.00	297.56	333.36	69.97
ET-MW-33C	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	18.35	0.00	315.01	333.36	69.94
ET-MW-33C	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.22	0.00	310.14	333.36	69.54
ET-MW-33C	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	32.44	0.00	300.92	333.36	69.95
ET-MW-33C	11/28/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.52	0.00	306.84	333.36	69.99
ET-MW-33C	02/22/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.35	0.00	310.01	333.36	69.95
ET-MW-33C	05/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.66	0.00	309.70	333.36	70.14
ET-MW-33C	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	38.42	0.00	294.94	333.36	69.94
ET-MW-33C	10/30/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(3.5)	(ND<0.5)	(ND<0.5)	38.86	0.00	294.50	333.36	70.14
ET-MW-33C	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	22.40	0.00	310.96	333.36	70.20
ET-MW-33C	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	36.90	0.00	296.46	333.36	70.13
ET-MW-33C	09/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	55.62	0.00	277.74	333.36	69.55
ET-MW-33C	12/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	47.34	0.00	286.02	333.36	68.92
ET-MW-33C	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.87	0.00	308.49	333.36	68.61
ET-MW-33C	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	333.36	NM
ET-MW-33C	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ----------								NM	NC	NC	333.36	NM
ET-MW-33C	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	14.79	0.00	318.57	333.36	69.74
ET-MW-33C	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	333.36	NM
ET-MW-33C	02/09/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	21.11	0.00	312.25	333.36	69.26
ET-MW-33D	08/26/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	42.78	0.00	290.95	333.73	99.47
ET-MW-33D	11/18/02	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	31.86	0.00	301.87	333.73	100.10
ET-MW-33D	01/12/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.78	0.00	315.95	333.73	99.20
ET-MW-33D	05/01/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.49	0.00	313.24	333.73	99.40

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
ET-MW-33D	07/18/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	34.31	0.00	299.42	333.73	99.14
ET-MW-33D	10/15/03	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	38.09	0.00	295.64	333.73	99.40
ET-MW-33D	01/28/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.28	0.00	310.45	333.73	99.15
ET-MW-33D	05/20/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	29.47	0.00	304.26	333.73	100.05
ET-MW-33D	08/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	44.42	0.00	289.31	333.73	99.33
ET-MW-33D	11/30/04	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	38.93	0.00	294.80	333.73	99.33
ET-MW-33D	03/01/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.05	0.00	316.68	333.73	99.36
ET-MW-33D	05/17/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.35	0.00	317.38	333.73	NM
ET-MW-33D	08/31/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	33.48	0.00	300.25	333.73	99.45
ET-MW-33D	11/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	35.55	0.00	298.18	333.73	99.38
ET-MW-33D	03/02/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.68	0.00	316.05	333.73	99.35
ET-MW-33D	06/07/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.16	0.00	312.57	333.73	99.40
ET-MW-33D	08/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	28.48	0.00	305.25	333.73	99.36
ET-MW-33D	11/28/06	(140)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	26.30	0.00	307.43	333.73	99.40
ET-MW-33D	02/22/07	(390)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	23.04	0.00	310.69	333.73	99.38
ET-MW-33D	05/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.74	0.00	308.99	333.73	99.56
ET-MW-33D	08/07/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	38.76	0.00	294.97	333.73	99.37
ET-MW-33D	10/30/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	38.22	0.00	295.51	333.73	99.55
ET-MW-33D	02/26/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.79	0.00	308.94	333.73	99.45
ET-MW-33D	06/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	39.40	0.00	294.33	333.73	99.56
ET-MW-33D	09/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	55.92	0.00	277.81	333.73	99.47
ET-MW-33D	12/09/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	46.25	0.00	287.48	333.73	99.17
ET-MW-33D	03/24/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.18	0.00	309.55	333.73	99.12
ET-MW-33D	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	333.73	NM
ET-MW-33D	07/07/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	333.73	NM
ET-MW-33D	03/23/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	14.46	0.00	319.27	333.73	99.31
ET-MW-33D	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	333.73	NM
ET-MW-33D	02/09/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	18.70	0.00	315.03	333.73	99.31
TSG-OW-1A	05/18/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.57	0.00	NC	NS	15.51
TSG-OW-1A	08/29/05	Not Sampled due to Insufficient Water								15.99	0.00	NC	NS	16.21
TSG-OW-1A	11/30/05	Not Sampled due to Insufficient Water								15.88	0.00	NC	NS	16.22
TSG-OW-1A	03/02/06	Not Sampled or Gauged								NM	NC	NC	NS	NM
TSG-OW-1A	06/08/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.31	0.00	NC	NS	16.28
TSG-OW-1A	08/28/06	Not Sampled due to Insufficient Water								14.08	0.00	NC	NS	16.22
TSG-OW-1A	11/28/06	Not Sampled due to Insufficient Water								14.61	0.00	NC	NS	16.24
TSG-OW-1A	02/23/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.37	0.00	NC	NS	16.23
TSG-OW-1A	05/07/07	Not Sampled due to Sampling Reduction Plan								14.52	0.00	NC	NS	16.20
TSG-OW-1A	08/06/07	Not Sampled due to Insufficient Water								15.37	0.00	NC	NS	16.25
TSG-OW-1A	10/29/07	Not Sampled due to Sampling Reduction Plan								DRY	NC	NC	NS	16.23
TSG-OW-1A	02/27/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.70	0.00	NC	NS	16.15
TSG-OW-1A	06/09/08	Not Sampled due to Sampling Reduction Plan								14.35	0.00	NC	NS	16.23
TSG-OW-1A	09/08/08	Not Sampled due to Insufficient Water								15.85	0.00	NC	NS	16.22
TSG-OW-1A	12/08/08	Not Sampled - Well Dry								DRY	NC	NC	NS	15.95
TSG-OW-1A	03/25/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.53	0.00	NC	NS	16.21

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
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Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
TSG-OW-1A	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	NS	NM
TSG-OW-1A	07/07/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	NS	NM
TSG-OW-1A	03/24/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	12.58	NC	NC	NS	16.23
TSG-OW-1A	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	NS	NM
TSG-OW-1A	02/11/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	13.57	NC	NC	NS	16.23
TSG-OW-1B	05/18/05	(2,300)	(2.8)	(0.75)	(5.7)	(3.62)	(5.9)	(ND<0.5)	(ND<0.5)	12.01	0.00	NC	NS	28.20
TSG-OW-1B	08/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.95	0.00	NC	NS	28.42
TSG-OW-1B	11/30/05	(110)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	17.51	0.00	NC	NS	28.34
TSG-OW-1B	12/20/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.73	0.00	NC	NS	28.39
TSG-OW-1B	03/02/06	Not Sampled or Gauged								NM	NC	NC	NS	NM
TSG-OW-1B	06/08/06	(1,600)	(2.4)	(0.66)	(0.84)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.79	0.00	NC	NS	28.43
TSG-OW-1B	08/29/06	(1,000)	(0.99)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.39	0.00	NC	NS	28.50
TSG-OW-1B	11/29/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.42	0.00	NC	NS	28.62
TSG-OW-1B	02/23/07	(670)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(0.53)	(ND<2)	(ND<0.5)	(ND<0.5)	13.91	0.00	NC	NS	28.60
TSG-OW-1B	05/07/07	Not Sampled due to Sampling Reduction Plan								16.31	0.00	NC	NS	29.01
TSG-OW-1B	08/08/07	(980)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	21.24	0.00	NC	NS	28.51
TSG-OW-1B	10/29/07	Not Sampled due to Sampling Reduction Plan								23.57	0.00	NC	NS	29.00
TSG-OW-1B	02/27/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.00	0.00	NC	NS	28.91
TSG-OW-1B	06/09/08	Not Sampled due to Sampling Reduction Plan								18.18	0.00	NC	NS	29.00
TSG-OW-1B	09/10/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	25.40	0.00	NC	NS	29.06
TSG-OW-1B	12/08/08	Not Sampled due to Sampling Reduction Plan								28.02	0.00	NC	NS	28.82
TSG-OW-1B	03/25/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.08	0.00	NC	NS	29.01
TSG-OW-1B	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	NS	NM
TSG-OW-1B	07/07/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	NS	NM
TSG-OW-1B	03/24/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	12.51	NC	NC	NS	29.06
TSG-OW-1B	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	NS	NM
TSG-OW-1B	02/11/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	14.78	NC	NC	NS	29.06
TSG-OW-2A	05/18/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.93	0.00	NC	NS	15.56
TSG-OW-2A	08/29/05	Not Sampled due to Insufficient Water								14.98	0.00	NC	NS	15.94
TSG-OW-2A	11/30/05	Not Sampled due to Insufficient Water								15.79	0.00	NC	NS	15.95
TSG-OW-2A	03/02/06	Not Sampled or Gauged								NM	NC	NC	NS	NM
TSG-OW-2A	06/08/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	12.70	0.00	NC	NS	16.01
TSG-OW-2A	08/28/06	Not Sampled due to Insufficient Water								14.05	0.00	NC	NS	16.09
TSG-OW-2A	11/28/06	Not Sampled due to Insufficient Water								15.31	0.00	NC	NS	15.97
TSG-OW-2A	02/23/07	(ND<100)	(0.50)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.56	0.00	NC	NS	15.95
TSG-OW-2A	05/07/07	Not Sampled Due to Sampling Reduction Plan								13.94	0.00	NC	NS	16.08
TSG-OW-2A	08/06/07	Not Sampled due to Insufficient Water								15.81	0.00	NC	NS	15.97
TSG-OW-2A	10/29/07	Not Sampled - Well Dry								DRY	NC	NC	NS	16.10
TSG-OW-2A	02/27/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	11.95	0.00	NC	NS	16.09
TSG-OW-2A	06/09/08	Not Sampled due to Sampling Reduction Plan								15.30	0.00	NC	NS	16.10
TSG-OW-2A	09/08/08	Not Sampled - Well Dry								DRY	NC	NC	NS	16.09
TSG-OW-2A	12/08/08	Not Sampled - Well Dry								DRY	NC	NC	NS	15.84
TSG-OW-2A	03/25/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.38	0.00	NC	NS	16.07
TSG-OW-2A	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	NS	NM

Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					
TSG-OW-2A	07/07/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	NS	NM
TSG-OW-2A	03/24/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	11.89	NC	NC	NS	16.09
TSG-OW-2A	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	NS	NM
TSG-OW-2A	02/11/11	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	13.00	NC	NC	NS	16.09
TSG-OW-2B	05/18/05	(3,700)	(21)	(7.0)	(19)	(17.2)	(4.4)	(ND<0.5)	(ND<0.5)	11.33	0.00	NC	NS	26.32
TSG-OW-2B	08/30/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.27	0.00	NC	NS	27.08
TSG-OW-2B	11/30/05	(110)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	16.77	0.00	NC	NS	27.12
TSG-OW-2B	12/20/05	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.94	0.00	NC	NS	27.26
TSG-OW-2B	03/02/06	Not Sampled or Gauged								NM	NC	NC	NS	NM
TSG-OW-2B	06/08/06	(4,000)	(31)	(7.5)	(16)	(8.9)	(4.4)	(ND<0.5)	(ND<0.5)	12.04	0.00	NC	NS	27.29
TSG-OW-2B	08/29/06	(1,100)	(0.88)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.63	0.00	NC	NS	27.75
TSG-OW-2B	11/28/06	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	15.84	0.00	NC	NS	28.30
TSG-OW-2B	02/23/07	(120)	(0.66)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.24	0.00	NC	NS	28.28
TSG-OW-2B	05/07/07	Not Sampled due to Sampling Reduction Plan								16.06	0.00	NC	NS	28.51
TSG-OW-2B	08/08/07	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	20.55	0.00	NC	NS	27.75
TSG-OW-2B	10/29/07	Not Sampled due to Sampling Reduction Plan								22.87	0.00	NC	NS	28.60
TSG-OW-2B	02/27/08	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	13.85	0.00	NC	NS	20.53
TSG-OW-2B	06/09/08	Not Sampled due to Sampling Reduction Plan								16.81	0.00	NC	NS	28.60
TSG-OW-2B	09/10/08	(200)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	24.14	0.00	NC	NS	28.61
TSG-OW-2B	12/08/08	Not Sampled due to Sampling Reduction Plan								27.67	0.00	NC	NS	28.42
TSG-OW-2B	03/25/09	(ND<100)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<1.5)	(ND<2)	(ND<0.5)	(ND<0.5)	14.50	0.00	NC	NS	20.51
TSG-OW-2B	06/30/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	NS	NM
TSG-OW-2B	07/07/09	Not Sampled due to Sampling Reduction Plan								NM	NC	NC	NS	NM
TSG-OW-2B	03/24/10	(ND<100)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	11.44	NC	NC	NS	28.66
TSG-OW-2B	09/22/10	NS	NS	NS	NS	NS	NS	NS	NS	NM	NC	NC	NS	NM
TSG-OW-2B	02/11/11	(910)	(ND<0.50)	(ND<0.50)	(ND<0.50)	(ND<1.50)	(ND<2.0)	(ND<0.50)	(ND<0.50)	13.90	NC	NC	NS	28.65

SEE NOTES ON NEXT PAGE:

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Table 3
Historical Groundwater Analytical and Elevation Data
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID	DATE	TPHg 8015M (8260B)	BENZENE 8020 (8260B)	TOLUENE 8020 (8260B)	ETHYL-BENZENE 8020 (8260B)	TOTAL XYLENES 8020 (8260B)	MTBE 8020 (8260B)	1,2-DCA (8260B)	EDB (8260B)	DEPTH TO LIQUID	HYDRO-CARBON THICKNESS	GROUND-WATER ELEVATION	WELL ELEVATION TOC	DEPTH OF WELL
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(feet-TOC)	(feet)	(feet-MSL)	(feet-MSL)	(feet-TOC)
Detection Limits:		50 (100)	0.5 (0.5)	0.5 (0.5)	0.5 (0.5)	0.5 (1.5)	5 (2)	0.5	5.0					

NOTES:

Data collected prior to September 1996 is as reported by previous consultants.
All results presented in micrograms per liter (µg/L)
NA = Not applicable
NC = Not calculated
ND = Not detected at or above detection limits.
ND<100 = Not detected at or above detection limits shown in parentheses.
NT = Not tested
NM = Not Measured
NS = Not Surveyed
— = Not available or Not analyzed
TPHg = Total Petroleum Hydrocarbons as gasoline (analysis by 8260B starting Quarter 1, 2002)
MTBE = Methyl *Tertiary* Butyl Ether
BP = Below Pump
(1) = Wells labeled as MW-25B and MW-25C respectively on laboratory report.
(2) = Extraction well on-line at time of sampling. Sample collected at sample port.
(3) = Although listed as "abandoned", well likely was properly destroyed.
(4) = Depth of well provided as measured on 07/29/02. Depth of well as measured on 11/18/02 (55.75 feet) appears to be erroneously recorded.
(5) = Data is suspect
(6) = Sampling contractor reports a likely mix up/transposition between wells MW-15, MW-16, and TSG-MW-25A. Stripped bolt is in TSG-MW-25A wellbox and this purging well sampled from port in compound; thus, analytical data from TSG-MW-25A is correct.
(7) = Not measured due to pump in well
(8) = Reported depth is top of pump
TBA = Tert-Butyl Alcohol
MSL = Mean sea level
TOC = Top of Casing
* = Laboratory qualified benzene concentrations as estimates because of matrix interference in the laboratory.
** = Data collected is measured from top of well box, wells resurveyed.
*** = Well damaged, data may not be representative.
**** = Samples mislabeled on laboratory report: sample TSG-MW-28A as TSG-MW-28C and vice versa.
Beginning 3rd Quarter 2000, BTEX & MTBE analyzed by EPA Method 8260B as shown in parentheses.

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
E-1	08/03/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	11/13/00	---------- Not Sampled - Pump in well for extraction system ----------					
E-1	02/09/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	05/04/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	01/25/02[1]	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	05/8/02[1]	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	07/29/02	---Well Not Sampled - Pump Not Running due to Insufficient Recharge---					
E-1	11/20/02[1]	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	01/13/03[1]	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	04/29/03[1]	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	07/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	10/13/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	01/26/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-1	08/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-1	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-1	03/01/05[1]	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-1	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-1	03/03/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-1	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-1	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-1	08/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-1	02/27/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-1	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	40
E-1	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-1	03/25/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	17
E-1	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-1	07/07/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-1	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
E-1	09/22/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
E-1	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
E-2	08/03/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	120
E-2	11/13/00	---------- Not Sampled - Pump in well for extraction system ----------					
E-2	02/09/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	170
E-2	05/04/01	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
E-2	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-2	01/25/02[1]	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-2	05/8/02[1]	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
E-2	07/29/02	---Well Not Sampled - Pump Not Running Due to Insufficient Recharge---					
E-2	11/20/02[1]	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-2	01/13/03[1]	ND<4	ND <1	ND <1	ND<4	ND<4	380
E-2	04/29/03[1]	ND<10	ND<2.5	ND<2.5	ND <10	ND<10	ND<50

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
E-2	07/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-2	10/13/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-2	01/26/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-2	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-2	08/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-2	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-2	03/01/05[1]	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-2	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-2	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-2	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-2	03/03/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-2	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-2	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-2	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-2	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-2	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-2	08/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-2	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-2	02/27/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-2	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-2	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-2	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-2	03/25/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-2	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
E-2	07/07/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
E-2	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
E-2	09/22/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
E-2	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-3	03/23/98	ND<2	—	—	ND<2	ND<2	ND<10
MW-3	08/03/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-3	11/13/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-3	02/09/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-3	05/04/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-3	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-3	11/09/01	—	—	ND<0.5	—	ND<2	ND<10
MW-3	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-3	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-3	07/30/02	ND<2	—	—	ND<2	ND<2	ND<10
MW-3	11/18/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-3	01/11/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-3	05/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-3	07/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-3	10/14/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-3	01/27/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-3	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-3	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-3	08/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-3	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-3	03/02/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-3	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-3	08/29/05	---------- Not Sampled due to Sampling Reduction Plan ---------					

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
MW-3	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-3	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-3	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-3	08/28/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-3	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-3	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-3	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-3	08/06/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-3	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-3	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-3	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-3	09/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-3	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-3	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-3	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-3	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-3	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-3	09/22/10	NS	NS	NS	NS	NS	NS
MW-3	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-7	11/01/91	ND<2	—	—	ND<2	ND<2	ND<10
MW-7	03/23/98	ND<2	—	—	ND<2	ND<2	ND<10
MW-7	08/03/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	11/13/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	02/09/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	05/04/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	11/09/01	—	—	ND<0.5	—	ND<2	ND<10
MW-7	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	07/30/02	ND<2	—	—	ND<2	ND<2	ND<10
MW-7	11/18/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	01/12/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	04/30/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	10/14/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	01/28/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-7	08/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-7	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-7	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-7	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-7	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-7	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-7	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
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Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
MW-7	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-7	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	16
MW-7	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-7	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-7	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-7	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-7	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-7	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-7	09/22/10	NS	NS	NS	NS	NS	NS
MW-7	--	---------- Well Destroyed April 8, 2010 ----------					
MW-9	03/23/98	ND<2	—	—	ND<2	ND<2	ND<10
MW-9	08/03/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	11/13/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	02/09/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	05/04/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	11/09/01	—	—	ND<0.5	—	ND	ND
MW-9	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	07/30/02	ND<2	—	—	ND<2	ND<2	ND<10
MW-9	11/18/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	01/12/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	05/01/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	10/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	10/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	01/28/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	05/20/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	08/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	11/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	11/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	12/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-9	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Method Reporting Limit:		2	0.5	0.5	2	2	10
MW-9	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-9	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-9	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-9	09/22/10	NS	NS	NS	NS	NS	NS
MW-9	02/09/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-11	03/23/98	ND<2	—	—	ND<2	ND<2	ND<10
MW-11	08/03/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	11/13/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	02/09/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	05/04/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	11/09/01	—	—	0.77	—	ND<2	ND<10
MW-11	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	07/30/02	ND<2	—	—	ND<2	ND<2	ND<10
MW-11	11/19/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	01/11/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	21
MW-11	04/30/03	ND<2	ND<0.5	ND<0.5	3.3	ND<2	ND<10
MW-11	07/18/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	10/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	01/28/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	05/20/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	12/01/04	ND<2	ND<0.5	0.66	ND<2	ND<2	ND<10
MW-11	03/02/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	05/18/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	11/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	12/20/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	03/03/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	06/08/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	11/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	05/09/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	08/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	10/31/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	02/27/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	09/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	12/08/08	---------- Not Sampled due to Insufficient Water ---------					
MW-11	03/25/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-11	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-11	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-11	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-11	09/22/10	NS	NS	NS	NS	NS	NS
MW-11	02/11/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-13	03/23/98	—	—	—	—	—	ND<10
MW-13	08/03/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	11/13/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	02/09/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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World Oil Marketing Company
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WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
MW-13	05/04/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	11/09/01	—	—	ND<0.5	—	ND<2	ND<10
MW-13	01/25/02	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<10
MW-13	05/08/02	ND<2	ND<0.5	ND<2	ND<0.5	ND<2	ND<10
MW-13	07/30/02	ND<2	—	—	ND<0.5	ND<2	ND<10
MW-13	11/17/02	ND<2	ND<0.5	ND<2	ND<0.5	ND<2	ND<10
MW-13	01/11/03	ND<2	ND<0.5	ND<2	ND<0.5	ND<2	ND<10
MW-13	05/15/03	ND<2	ND<0.5	ND<2	ND<0.5	ND<2	ND<10
MW-13	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	10/14/03	ND<2	1.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	01/27/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	05/18/04	---------- Not Sampled Due to Well Paved Over ---------					
MW-13	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	11/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	12/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	09/08/08	---------Not Sampled - Well Dry---------					
MW-13	12/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-13	03/24/09	ND<2	2.6	ND<0.5	ND<2	ND<2	ND<10
MW-13	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-13	07/07/09	---------- Well Not Sampled ----------					
MW-13	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-13	09/22/10	NS	NS	NS	NS	NS	NS
MW-13	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-14	03/23/98	ND<2	—	—	ND<0.5	ND<2	ND<10
MW-14	08/03/00	ND<2	ND<0.5	ND<2	ND<0.5	ND<2	ND<10
MW-14	11/13/00	ND<2	ND<0.5	ND<2	ND<0.5	ND<2	ND<10
MW-14	02/09/01	ND<2	ND<0.5	ND<2	ND<0.5	ND<2	ND<10
MW-14	05/04/01	ND<2	ND<0.5	ND<2	ND<0.5	ND<2	ND<10
MW-14	09/28/01	ND<2	ND<0.5	ND<2	ND<0.5	ND<2	ND<10
MW-14	11/09/01	—	—	ND<0.5	—	ND<2	ND<10
MW-14	01/25/02	ND<2	ND<0.5	ND<2	ND<0.5	ND<2	ND<10
MW-14	05/08/02	ND<2	ND<0.5	ND<2	ND<0.5	ND<2	ND<10
MW-14	07/30/02	ND<2	—	—	ND<0.5	ND<2	ND<10
MW-14	11/17/02	ND<2	ND<0.5	ND<2	ND<0.5	ND<2	ND<10
MW-14	01/11/03	ND<2	ND<0.5	ND<2	ND<0.5	ND<2	ND<10
MW-14	04/30/03	ND<2	ND<0.5	ND<2	ND<0.5	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
MW-14	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	10/14/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	01/27/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	05/19/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	11/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	12/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	09/08/08	----------Not Sampled - Well Dry----------					
MW-14	12/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-14	06/30/09	---------- Not Sampled due to Sampling Reduction Plan---------					
MW-14	07/07/09	---------- Not Sampled due to Sampling Reduction Plan---------					
MW-14	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-14	09/22/10	NS	NS	NS	NS	NS	NS
MW-14	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-15	03/23/98	—	—	—	—	—	ND<10
MW-15	08/03/00	ND<50	ND <5	ND <5	ND<50	ND<50	ND<500
MW-15	11/13/00	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
MW-15	02/09/01	ND<4	ND <1	ND <1	ND<4	15	26
MW-15	05/04/01	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
MW-15	09/28/01	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
MW-15	11/09/01	—	—	ND<2.5	—	ND<10	ND<50
MW-15	01/25/02	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
MW-15	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-15	07/30/02	ND<20	—	—	ND<20	ND<20	ND<100
MW-15	11/20/02	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
MW-15	01/11/03	ND<40	ND<10	ND<10	ND<40	ND<40	ND<200
MW-15	04/18/03	----------Not Sampled/Gauged Due to Bolt Stripped----------					
MW-15	07/16/03	ND<4	ND <1	ND <1	ND<4	ND<4	ND<20
MW-15	10/15/03	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
MW-15	01/29/04	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
MW-15	05/20/04	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
MW-15	08/31/04	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
MW-15	12/01/04	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
MW-15	03/02/05	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
MW-15	05/18/05	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
MW-15	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
MW-15	12/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-15	03/03/06	ND<2	ND<0.5	0.58	ND<2	23	ND<10
MW-15	06/08/06	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
MW-15	08/29/06	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
MW-15	11/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-15	02/22/07	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
MW-15	05/09/07	ND<20	ND <5.0	ND <5.0	ND<20	ND<20	ND<100
MW-15	08/08/07	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
MW-15	10/31/07	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
MW-15	02/27/08	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
MW-15	06/10/08	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
MW-15	09/09/08	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
MW-15	12/10/08	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
MW-15	03/25/09	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
MW-15	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-15	07/07/09	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
MW-15	03/24/10	ND<10	ND<2.5	0.61	ND<10	ND<10	ND<50
MW-15	09/22/10	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
MW-15	02/10/11	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10
MW-15	11/20/12	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10
MW-16	03/23/98	—	—	—	—	—	2,870
MW-16	08/03/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-16	11/13/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-16	02/09/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-16	05/04/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-16	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-16	11/09/01	—	—	0.72	—	ND	ND
MW-16	01/25/02	ND<10	ND<2.5	4.0	ND<10	ND<10	ND<50
MW-16	05/08/02	ND<4	ND <1	ND <1	ND<4	ND<4	ND<20
MW-16	07/30/02	ND<2	—	—	ND<2	ND<2	ND<10
MW-16	11/20/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-16	01/11/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-16	05/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-16	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-16	10/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-16	01/29/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-16	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-16	08/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-16	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-16	03/02/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-16	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-16	08/29/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-16	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-16	03/03/06	ND<2	ND<0.5	0.61	ND<2	ND<2	ND<10
MW-16	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-16	08/28/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-16	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-16	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-16	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-16	08/06/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-16	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ---------					

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
MW-16	02/27/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-16	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-16	09/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-16	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-16	03/25/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-16	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-16	07/07/09	ND<4	ND <1	ND <1	ND<4	ND<4	ND<20
MW-16	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-16	09/22/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-16	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-17	08/03/00	ND<500	ND<50	ND<50	ND<500	ND<500	ND <5,000
MW-17	11/13/00	ND<40	ND<10	ND<10	ND<40	ND<40	ND<200
MW-17	02/09/01	ND<40	ND<10	ND<10	ND<40	ND<40	ND<200
MW-17	05/04/01	ND<200	ND<50	ND<50	ND<200	ND<200	ND <1,000
MW-17	09/27/01	---------Well Abondoned July 12, 2001--------					
MW-18	03/23/98	ND<2	—	—	ND<2	ND<2	ND<10
MW-18	08/03/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	11/13/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	02/16/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	05/04/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	11/09/01	—	—	ND<0.5	—	ND<2	ND<10
MW-18	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	07/30/02	ND<2	–	–	ND<2	ND<2	ND<10
MW-18	11/19/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	01/11/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	04/29/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	10/14/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	01/26/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-18	08/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-18	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-18	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-18	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	12/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	06/08/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	11/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	05/09/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-18	–	---------- Well Destroyed May 1, 2008 ----------					
MW-19	03/23/98	ND<2	—	—	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
MW-19	08/03/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	11/13/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	02/09/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	05/04/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	11/09/01	—	—	0.71	—	ND<2	ND<10
MW-19	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	07/30/02	ND<2	—	—	ND<2	ND<2	31
MW-19	11/18/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	01/11/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	05/01/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	10/14/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	01/27/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	05/20/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	08/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	52
MW-19	11/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	11/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	15
MW-19	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	09/09/08	ND<2	ND<0.5	0.61	ND<2	ND<2	50
MW-19	12/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-19	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-19	07/07/09	ND<4	ND <1	ND <1	ND<4	ND<4	ND<20
MW-19	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-19	09/22/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-19	02/09/11	ND<2.0	ND<0.50	1.0	ND<2.0	ND<2.0	ND<10
MW-20	03/23/98	ND<2	—	—	ND<2	ND<2	ND<10
MW-20	08/03/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	11/13/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	02/16/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	05/04/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	11/09/01	—	—	ND<0.5	—	ND<2	ND<10
MW-20	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	07/30/02	ND<2	—	—	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
MW-20	11/19/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	01/11/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	04/29/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	10/14/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	01/26/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	05/19/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	11/30/04	---------- Not Sampled due to Insufficient Water ---------					
MW-20	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	05/24/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	06/08/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	11/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	05/09/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-20	–	---------- Well Destroyed May 1, 2008 ----------					
MW-21	03/23/98	ND<2	—	—	ND<2	ND<2	ND<10
MW-21	08/03/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	11/13/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	02/09/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	05/04/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	11/09/01	—	—	ND<0.5	—	ND<2	ND<10
MW-21	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	07/30/02	ND<2	—	—	ND<2	ND<2	ND<10
MW-21	11/18/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	01/12/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	05/01/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	10/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	01/28/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	05/20/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	08/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	11/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	11/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
MW-21	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	09/08/08	----------Not Sampled - Well Dry----------					
MW-21	12/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-21	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-21	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-21	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-21	09/22/10	NS	NS	NS	NS	NS	NS
MW-21	02/09/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-22	08/03/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	77
MW-22	11/13/00	----------Not Sampled - Pump in well for extraction system----------					
MW-22	02/09/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	18
MW-22	05/04/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	11/09/01	—	—	ND<0.5	—	ND<2	ND<10
MW-22	01/25/02[1]	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	05/8/02[1]	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	07/30/02	ND<2	—	—	ND<2	ND<2	ND<10
MW-22	11/20/02[1]	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	01/13/03[1]	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	04/29/03[1]	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	07/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	10/13/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	01/26/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-22	08/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-22	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-22	03/01/05[1]	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-22	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	11/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	12/20/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	03/03/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-22	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	11/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-22	08/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	10/31/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	02/27/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-22	09/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
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Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
MW-22	12/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	03/25/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-22	07/07/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-22	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-22	09/22/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-22	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-23	03/23/98	ND<2	—	—	ND<2	ND<2	ND<10
MW-23	08/03/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	11/13/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	02/09/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	05/04/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	11/09/01	—	—	ND<0.5	—	ND<2	ND<10
MW-23	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	07/30/02	ND<2	—	—	ND<2	ND<2	ND<10
MW-23	11/18/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	01/12/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	05/01/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	10/14/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	01/27/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	05/19/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	08/30/04	---------- Not Sampled due to Insufficient Water----------					
MW-23	11/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	05/16/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	12/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	10/29/07	---------- Not Sampled - Well Dry----------					
MW-23	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	09/08/08	---------- Not Sampled - Well Dry----------					
MW-23	12/08/08	---------- Not Sampled due to Insufficient Water----------					
MW-23	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-23	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-23	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-23	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-23	09/22/10	NS	NS	NS	NS	NS	NS
MW-23	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-24	08/03/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	11/13/00	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	02/09/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	05/04/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
MW-24	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	11/09/01	—	—	ND<0.5	—	ND<2	ND<10
MW-24	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	07/30/02	ND<2	—	—	ND<2	ND<2	ND<10
MW-24	11/15/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	01/11/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	05/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	07/18/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	10/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	01/28/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	05/20/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	12/01/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	03/02/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	05/16/05	----------Not Sampled - Gauged Only ----------					
MW-24	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	11/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	12/20/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	15
MW-24	03/03/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	06/08/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	11/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	05/09/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	08/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	10/31/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	02/27/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	09/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	12/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	03/25/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
MW-24	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-24	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
MW-24	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
MW-24	09/22/10	NS	NS	NS	NS	NS	NS
MW-24	02/11/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-25A	08/21/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	09/28/01	----------On-line Extraction Well - Not Sampled----------					
TSG-MW-25A	01/25/02(1)	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	05/8/02(1)	ND<2	ND<0.5	ND<0.5	84	ND<2	ND<10
TSG-MW-25A	07/29/02	---Well Not Sampled - Pump Not Running Due to Insufficient Recharge---					
TSG-MW-25A	11/20/02(1)	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	01/13/03(1)	ND<4	ND <1	ND <1	ND<4	ND<4	ND<20
TSG-MW-25A	04/29/03(1)	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	07/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	10/13/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	01/26/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25A	08/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					

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16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
TSG-MW-25A	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25A	03/01/05[1]	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
TSG-MW-25A	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25A	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	11/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	12/20/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25A	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	11/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25A	08/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	10/31/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	02/27/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25A	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	12/10/08	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
TSG-MW-25A	03/25/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25A	07/07/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25A	03/24/10	ND<2	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-25A	09/22/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-25A	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-25A	11/20/12	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-25B	08/21/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	55
TSG-MW-25B	09/28/01*	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	100
TSG-MW-25B	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25B	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	17
TSG-MW-25B	07/30/02	ND<2	—	—	ND<2	ND<2	29
TSG-MW-25B	11/19/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25B	01/11/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25B	05/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	22
TSG-MW-25B	07/18/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25B	10/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25B	01/29/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25B	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25B	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25B	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25B	03/02/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25B	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25B	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25B	11/30/05	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
TSG-MW-25B	12/20/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25B	03/03/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25B	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25B	08/29/06	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
TSG-MW-25B	11/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25B	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	19
TSG-MW-25B	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25B	08/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	11

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
TSG-MW-25B	10/31/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25B	02/27/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25B	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25B	09/08/08	---------- Not Sampled - Well Dry- ----------					
TSG-MW-25B	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25B	03/25/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25B	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25B	07/07/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25B	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-25B	09/22/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-25B	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-25C	08/21/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	33
TSG-MW-25C	09/28/01*	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25C	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25C	05/08/02	ND<4	ND <1	ND <1	ND<4	ND<4	ND<20
TSG-MW-25C	07/29/02	ND<2	—	—	ND<2	ND<2	29
TSG-MW-25C	11/19/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25C	01/11/03	ND<4	ND <1	ND <1	ND<4	ND<4	ND<20
TSG-MW-25C	05/15/03	ND<4	ND <1	ND <1	ND<4	ND<4	ND<20
TSG-MW-25C	07/18/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25C	10/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25C	01/29/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25C	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25C	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25C	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25C	03/02/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25C	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25C	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25C	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25C	03/03/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	80
TSG-MW-25C	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25C	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	31
TSG-MW-25C	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25C	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	47
TSG-MW-25C	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25C	08/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25C	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25C	02/27/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	12
TSG-MW-25C	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25C	09/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25C	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25C	03/25/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25C	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-25C	07/07/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-25C	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-25C	09/22/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-25C	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-25C	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-26A	08/21/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	07/29/02	ND<2	—	—	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
TSG-MW-26A	11/19/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	01/13/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	05/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	07/19/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	10/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	01/29/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26A	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26A	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26A	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26A	03/03/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26A	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26A	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26A	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26A	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26A	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26A	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26A	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26A	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26A	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-26A	09/22/10	NS	NS	NS	NS	NS	NS
TSG-MW-26A	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-26B	08/21/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26B	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26B	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26B	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26B	07/29/02	ND<2	—	—	ND<2	ND<2	ND<10
TSG-MW-26B	11/19/02	ND<2	ND<0.5	0.95	ND<2	ND<2	ND<10
TSG-MW-26B	01/13/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26B	05/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26B	07/19/03	ND<2	ND<0.5	0.65	ND<2	ND<2	ND<10
TSG-MW-26B	10/16/03	ND<2	ND<0.5	0.65	ND<2	ND<2	ND<10
TSG-MW-26B	01/29/04	ND<2	ND<0.5	0.65	ND<2	ND<2	ND<10
TSG-MW-26B	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26B	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26B	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26B	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26B	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26B	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26B	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26B	03/03/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
TSG-MW-26B	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26B	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26B	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26B	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26B	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26B	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26B	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26B	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26B	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26B	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26B	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26B	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26B	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26B	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26B	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-26B	09/22/10	NS	NS	NS	NS	NS	NS
TSG-MW-26B	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-26C	08/21/01	ND<2	ND<0.5	5.2	ND<2	ND<2	ND<10
TSG-MW-26C	09/28/01	ND<2	ND<0.5	5.7	ND<2	ND<2	ND<10
TSG-MW-26C	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26C	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26C	07/29/02	ND<2	—	—	ND<2	ND<2	ND<10
TSG-MW-26C	11/19/02	ND<2	ND<0.5	2.8	ND<2	ND<2	ND<10
TSG-MW-26C	01/13/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26C	05/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26C	07/19/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26C	10/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26C	01/29/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26C	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26C	08/31/04	ND<2	ND<0.5	2.8	ND<2	ND<2	ND<10
TSG-MW-26C	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26C	03/01/05	ND<2	ND<0.5	1.6	ND<2	ND<2	ND<10
TSG-MW-26C	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26C	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26C	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26C	03/03/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26C	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26C	08/29/06	ND<2	ND<0.5	2.0	ND<2	ND<2	ND<10
TSG-MW-26C	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26C	02/22/07	ND<2	ND<0.5	1.8	ND<2	ND<2	ND<10
TSG-MW-26C	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26C	08/07/07	ND<2	ND<0.5	1.7	ND<2	ND<2	ND<10
TSG-MW-26C	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26C	02/26/08	ND<2	ND<0.5	1.5	ND<2	ND<2	ND<10
TSG-MW-26C	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26C	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26C	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26C	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-26C	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-26C	07/07/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
TSG-MW-26C	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-26C	09/22/10	NS	NS	NS	NS	NS	NS
TSG-MW-26C	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-26C	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-27A	08/21/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	07/29/02	--------Well Not Sampled - Insufficient Recharge--------					
TSG-MW-27A	11/15/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	01/13/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	05/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	07/19/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	10/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	01/28/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27A	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27A	03/02/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	05/18/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	11/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	12/20/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27A	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	11/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27A	08/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	10/31/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	02/27/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27A	09/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	12/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27A	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27A	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27A	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-27A	09/22/10	NS	NS	NS	NS	NS	NS
TSG-MW-27A	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-27B	08/21/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	07/29/02	ND<2	—	—	ND<2	ND<2	ND<10
TSG-MW-27B	11/15/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	01/13/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	05/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	07/18/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	10/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	01/28/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
TSG-MW-27B	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27B	03/02/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	05/18/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	11/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	12/20/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	03/03/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27B	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	11/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	58
TSG-MW-27B	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27B	08/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	10/31/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27B	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27B	09/08/08	---------- Not Sampled - Well Dry- ----------					
TSG-MW-27B	12/08/08	---------- Not Sampled due to Insufficient Water- ----------					
TSG-MW-27B	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	23
TSG-MW-27B	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27B	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27B	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-27B	09/22/10	NS	NS	NS	NS	NS	NS
TSG-MW-27B	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-27C	08/21/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	09/28/01	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	07/29/02	ND<2	—	—	ND<2	ND<2	ND<10
TSG-MW-27C	11/15/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	01/13/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	05/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	07/19/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	10/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	01/28/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27C	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27C	03/02/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27C	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27C	03/03/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27C	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27C	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27C	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
TSG-MW-27C	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27C	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27C	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27C	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-27C	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27C	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-27C	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-27C	09/22/10	NS	NS	NS	NS	NS	NS
TSG-MW-27C	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-28A	08/21/01	----------Not Accessible Due to On-Going Excavation----------					
TSG-MW-28A	09/28/01**	ND<2	ND<0.5	4.5	ND<2	ND<2	ND<10
TSG-MW-28A	01/25/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	07/29/02	--------- Well Not Sampled - Insufficient Water Volume----------					
TSG-MW-28A	11/19/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	01/11/03	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
TSG-MW-28A	05/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	10/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	01/29/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	05/20/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	12/01/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	03/02/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	05/18/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	12/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	03/03/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	06/08/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	11/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	05/09/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	11
TSG-MW-28A	02/27/08	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
TSG-MW-28A	06/10/08	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
TSG-MW-28A	09/08/08	---------- Not Sampled - Well Dry----------					
TSG-MW-28A	12/08/08	--------- Well Not Sampled due to Insufficient Water ----------					
TSG-MW-28A	03/25/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28A	07/07/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28A	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-28A	09/22/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-28A	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-28B	08/21/01	ND<2	ND<0.5	1.7	ND<2	ND<2	73
TSG-MW-28B	09/28/01	ND<2	ND<0.5	2.6	ND<2	ND<2	130
TSG-MW-28B	01/25/02	ND<2	ND<0.5	3.7	ND<2	ND<2	91
TSG-MW-28B	05/08/02	ND<40	ND<10	ND<10	ND<40	ND<40	ND<200
TSG-MW-28B	07/29/02	ND<10	—	—	ND<10	ND<10	110

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
TSG-MW-28B	11/19/02	ND<2	ND<0.5	1.4	ND<2	ND<2	ND<10
TSG-MW-28B	01/12/03	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
TSG-MW-28B	05/15/03	ND<20	ND <5	ND <5	ND<20	ND<20	190
TSG-MW-28B	07/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	140
TSG-MW-28B	10/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28B	01/29/04	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
TSG-MW-28B	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28B	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	180
TSG-MW-28B	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28B	03/02/05	ND<40	ND<10	ND<10	ND<40	ND<40	ND<200
TSG-MW-28B	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28B	08/30/05	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
TSG-MW-28B	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28B	03/03/06	ND<40	ND<10	ND<10	ND<40	ND<40	ND<200
TSG-MW-28B	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28B	08/29/06	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
TSG-MW-28B	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28B	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	290
TSG-MW-28B	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28B	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	54	59
TSG-MW-28B	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28B	02/27/08	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
TSG-MW-28B	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28B	09/08/08	---------- Not Sampled - Insufficient Water---------					
TSG-MW-28B	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28B	03/24/09	ND<2	ND<0.5	0.57	ND<2	ND<2	120
TSG-MW-28B	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28B	07/07/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	76
TSG-MW-28B	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	28
TSG-MW-28B	09/22/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	51
TSG-MW-28B	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND <10
TSG-MW-28C	08/21/01	----------Not Accessible Due to On-Going Excavation---------					
TSG-MW-28C	09/28/01**	ND<2	ND<0.5	2.0	ND<2	ND<2	ND<10
TSG-MW-28C	01/25/02	ND<2	ND<0.5	0.80	ND<2	ND<2	ND<10
TSG-MW-28C	05/08/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28C	07/29/02	ND<2	—	—	ND<2	ND<2	ND<10
TSG-MW-28C	11/19/02	ND<2	ND<0.5	1.7	ND<2	ND<2	ND<10
TSG-MW-28C	01/11/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28C	05/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28C	07/17/03	ND<2	ND<0.5	3.8	ND<2	ND<2	ND<10
TSG-MW-28C	10/16/03	ND<2	ND<0.5	2.4	ND<2	ND<2	ND<10
TSG-MW-28C	01/29/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28C	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28C	08/31/04	ND<2	ND<0.5	3.6	ND<2	ND<2	ND<10
TSG-MW-28C	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28C	03/02/05	ND<2	ND<0.5	3.5	ND<2	ND<2	ND<10
TSG-MW-28C	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28C	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28C	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28C	03/03/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
TSG-MW-28C	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28C	08/29/06	ND<2	ND<0.5	3.2	ND<2	ND<2	ND<10
TSG-MW-28C	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28C	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28C	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28C	08/07/07	ND<2	ND<0.5	3.0	ND<2	ND<2	15
TSG-MW-28C	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28C	02/26/08	ND<2	ND<0.5	3.1	ND<2	ND<2	ND<10
TSG-MW-28C	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28C	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28C	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28C	03/25/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28C	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-28C	07/07/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-28C	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-28C	09/22/10	NS	NS	NS	NS	NS	NS
TSG-MW-28C	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-29B	08/21/01	ND<200	ND<50	ND<50	ND<200	ND<200	ND <1,000
TSG-MW-29B	09/28/01	ND<200	ND<50	ND<50	ND<200	ND<200	ND <1,000
TSG-MW-29B	01/25/02	ND<40	ND<10	ND<10	ND<40	ND<40	ND<200
TSG-MW-29B	05/08/02	ND<200	ND<50	ND<50	ND<200	ND<200	ND <1,000
TSG-MW-29B	07/29/02	----Well Not Sampled due to Presence of Free Product-----					
TSG-MW-29B	11/15/02	----Well Not Sampled due to Presence of Free Product-----					
TSG-MW-29B	01/10/03	----Well Not Sampled due to Presence of Free Product-----					
TSG-MW-29B	04/30/03	ND<100	ND<25	ND<25	ND<100	ND<100	ND<500
TSG-MW-29B	10/13/03	----Well Not Sampled due to Presence of Free Product-----					
TSG-MW-29B	01/26/04	----Well Not Sampled due to Presence of Free Product-----					
TSG-MW-29B	05/18/04	----Well Not Sampled due to Presence of Free Product-----					
TSG-MW-29B	08/30/04	----Well Not Sampled due to Presence of Free Product-----					
TSG-MW-29B	11/30/04	----Well Not Sampled due to Presence of Free Product-----					
TSG-MW-29B	03/02/05	ND<200	ND<50	ND<50	ND<200	ND<200	ND <1,000
TSG-MW-29B	05/18/05	ND<200	ND<50	ND<50	ND<200	ND<200	ND <1,000
TSG-MW-29B	08/29/05	----Well Not Sampled due to Presence of Free Product-----					
TSG-MW-29B	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-29B	03/02/06	----Well Not Sampled due to Presence of Free Product-----					
TSG-MW-29B	06/07/06	----Well Not Sampled due to Presence of Free Product-----					
TSG-MW-29B	08/28/06	----Well Not Sampled due to Presence of Free Product-----					
TSG-MW-29B	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-29B	02/23/07	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	89
TSG-MW-29B	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-29B	08/08/07	ND<20	ND <5.0	ND <5.0	ND<20	ND<20	270
TSG-MW-29B	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-29B	02/27/08	ND<20	ND <5.0	ND <5.0	ND<20	ND<20	ND<100
TSG-MW-29B	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-29B	09/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	72
TSG-MW-29B	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-29B	03/25/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-29B	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-29B	07/07/09	---------- Not Sampled - Well Dry ----------					
TSG-MW-29B	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-29B	09/22/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-29B	02/09/11	NS	NS	NS	NS	NS	NS

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
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Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
TSG-MW-29C	08/21/01	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
TSG-MW-29C	09/28/01	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
TSG-MW-29C	01/25/02	ND<20	ND <5	16	ND<20	ND<20	ND<100
TSG-MW-29C	05/08/02	ND<100	ND<25	ND<25	ND<100	ND<100	ND<500
TSG-MW-29C	07/29/02	ND<20	—	—	ND<20	ND<20	220
TSG-MW-29C	11/20/02	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
TSG-MW-29C	01/13/03	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	ND<50
TSG-MW-29C	05/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	240
TSG-MW-29C	07/19/03	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	240
TSG-MW-29C	10/16/03	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
TSG-MW-29C	01/28/04	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	170
TSG-MW-29C	05/18/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-29C	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	230
TSG-MW-29C	11/30/04	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-29C	03/02/05	ND<20	ND <5	ND <5	ND<20	ND<20	ND<100
TSG-MW-29C	05/16/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-29C	08/30/05	ND<10	ND<2.5	ND<2.5	ND<10	ND<10	270
TSG-MW-29C	11/30/05	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-29C	03/03/06	ND<2	ND<0.5	0.80	ND<2	ND<2	ND<10
TSG-MW-29C	06/07/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-29C	08/29/06	ND<2	ND<0.5	2.0	ND<2	ND<2	190
TSG-MW-29C	11/28/06	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-29C	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	270
TSG-MW-29C	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-29C	08/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	280
TSG-MW-29C	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-29C	02/27/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	120
TSG-MW-29C	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-29C	09/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	54
TSG-MW-29C	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-29C	03/25/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-29C	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-MW-29C	07/07/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-MW-29C	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-29C	09/22/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-MW-29C	02/11/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-30A	08/26/02	----------Well Dry----------					
ET-MW-30A	11/15/02	----------Well Dry----------					
ET-MW-30A	01/11/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	04/30/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	10/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	01/27/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	05/19/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	08/30/04	---------- Not Sampled due to Insufficient Water ----------					
ET-MW-30A	11/30/04	---------- Not Sampled due to Insufficient Water ----------					
ET-MW-30A	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	12/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
ET-MW-30A	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	10/29/07	---------- Not Sampled due to Insufficient Water ----------					
ET-MW-30A	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	12/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30A	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	19
ET-MW-30A	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-30A	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-30A	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-30A	09/22/10	NS	NS	NS	NS	NS	NS
ET-MW-30A	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-30B	08/26/02	130	0.98	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	11/17/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	01/11/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	04/30/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	10/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	01/27/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	05/18/04	---------- Not Sampled due to Pump Tubing Stuck in Well ----------					
ET-MW-30B	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	11/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	12/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	12/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30B	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-30B	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-30B	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-30B	09/22/10	NS	NS	NS	NS	NS	NS
ET-MW-30B	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-30C	08/26/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	11/17/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
ET-MW-30C	01/11/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	04/30/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	10/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	01/27/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	05/19/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	11/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	12/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	12/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30C	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ----------					
ET-MW-30C	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ----------					
ET-MW-30C	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-30C	09/22/10	NS	NS	NS	NS	NS	NS
ET-MW-30C	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-30D	08/26/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	11/17/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	01/11/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	04/30/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	10/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	01/27/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	05/19/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	08/31/04	ND<2	4.3	2.4	ND<2	ND<2	ND<10
ET-MW-30D	11/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	12/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
ET-MW-30D	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	12/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-30D	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-30D	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-30D	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-30D	09/22/10	NS	NS	NS	NS	NS	NS
ET-MW-30D	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-31A	08/26/02	----------Well Dry----------					
ET-MW-31A	11/15/02	----------Well Dry----------					
ET-MW-31A	01/12/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31A	04/30/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31A	07/16/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31A	10/13/03	----------Not Sampled due to Insufficient Water----------					
ET-MW-31A	01/27/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31A	05/18/04	----------Not Sampled due to Pump Tubing Stuck in Well----------					
ET-MW-31A	08/30/04	----------Not Sampled due to Insufficient Water----------					
ET-MW-31A	11/30/04	----------Not Sampled due to Insufficient Water----------					
ET-MW-31A	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31A	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31A	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31A	12/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31A	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31A	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31A	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31A	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31A	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31A	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31A	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31A	10/29/07	----------Not Sampled due to Insufficient Water----------					
ET-MW-31A	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31A	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31A	09/08/08	---------- Not Sampled - Well Dry----------					
ET-MW-31A	12/08/08	---------- Not Sampled - Well Dry----------					
ET-MW-31A	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31A	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-31A	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-31A	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-31A	09/22/10	NS	NS	NS	NS	NS	NS
ET-MW-31A	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-31B	08/26/02	950	ND<0.5	ND<0.5	ND<2	ND<2	4.4
ET-MW-31B	11/17/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	01/12/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	04/30/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	10/14/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	01/27/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	05/19/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
ET-MW-31B	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	12/01/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	12/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	10/31/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	35
ET-MW-31B	12/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31B	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-31B	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-31B	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-31B	09/22/10	NS	NS	NS	NS	NS	NS
ET-MW-31B	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-31C	08/26/02	670	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	11/17/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	01/12/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	04/30/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	10/14/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	01/27/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	05/19/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	12/01/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	12/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	12/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
ET-MW-31C	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31C	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-31C	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-31C	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-31C	09/22/10	NS	NS	NS	NS	NS	NS
ET-MW-31C	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-31D	08/26/02	2,300	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	11/18/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	01/12/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	04/30/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	10/14/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	01/27/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	05/19/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	08/31/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	12/01/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	12/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	12/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-31D	07/07/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-31D	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-31D	09/22/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-31D	02/10/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-32B	08/26/02	410	0.59	ND	ND	ND	3.5
ET-MW-32B	11/18/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	01/12/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	05/01/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	10/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	01/28/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	05/20/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	08/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	11/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	11/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
ET-MW-32B	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	12/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32B	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-32B	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-32B	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-32B	09/22/10	NS	NS	NS	NS	NS	NS
ET-MW-32B	02/09/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-32C	08/26/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	11/18/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	01/12/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	05/01/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	10/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	01/28/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	05/20/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	08/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	11/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	11/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	12/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32C	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-32C	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-32C	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-32C	09/22/10	NS	NS	NS	NS	NS	NS
ET-MW-32C	02/09/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-32D	08/26/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	21
ET-MW-32D	11/18/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
ET-MW-32D	01/12/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	05/01/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	07/17/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	10/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	01/28/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	05/20/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	08/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	11/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	11/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	12/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-32D	07/07/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-32D	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-32D	09/22/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-32D	02/09/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-33B	08/26/02	4,000	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	11/18/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	01/12/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	05/01/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	07/18/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	10/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	01/28/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	05/20/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	08/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	11/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	11/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
ET-MW-33B	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	09/08/08	---------- Not Sampled - Well Dry----------					
ET-MW-33B	12/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33B	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-33B	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-33B	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-33B	09/22/10	NS	NS	NS	NS	NS	NS
ET-MW-33B	02/09/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-33C	08/26/02	1,300	0.76	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	11/18/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	01/12/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	05/01/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	07/18/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	10/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	01/28/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	05/20/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	08/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	11/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	11/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	22
ET-MW-33C	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	12/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33C	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-33C	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-33C	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-33C	09/22/10	NS	NS	NS	NS	NS	NS
ET-MW-33C	02/09/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-33D	08/26/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	11/18/02	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	01/12/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	05/01/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	07/18/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	10/15/03	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10

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Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
ET-MW-33D	01/28/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	05/20/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	08/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	11/30/04	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	03/01/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	05/17/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	08/31/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	11/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	03/02/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	06/07/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	11/28/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	02/22/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	05/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	08/07/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	10/30/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	02/26/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	06/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	09/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	46
ET-MW-33D	12/09/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	03/24/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
ET-MW-33D	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-33D	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
ET-MW-33D	03/23/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
ET-MW-33D	09/22/10	NS	NS	NS	NS	NS	NS
ET-MW-33D	02/09/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-OW-1A	05/18/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-1A	08/29/05	---------- Not Sampled due to Insufficient Water ----------					
TSG-OW-1A	11/30/05	---------- Not Sampled due to Insufficient Water ----------					
TSG-OW-1A	03/02/06	---------- Not Sampled or Gauged ----------					
TSG-OW-1A	06/08/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-1A	08/28/06	---------- Not Sampled due to Insufficient Water ----------					
TSG-OW-1A	11/28/06	---------- Not Sampled due to Insufficient Water ----------					
TSG-OW-1A	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-1A	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-1A	08/06/07	---------- Not Sampled due to Insufficient Water ----------					
TSG-OW-1A	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-1A	02/27/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-1A	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-1A	09/08/08	---------- Not Sampled due to Insufficient Water ----------					
TSG-OW-1A	12/08/08	---------- Not Sampled - Well Dry ----------					
TSG-OW-1A	03/25/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-1A	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-1A	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-1A	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-OW-1A	09/22/10	NS	NS	NS	NS	NS	NS
TSG-OW-1A	02/11/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-OW-1B	05/18/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-1B	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-1B	11/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-1B	12/20/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	50
TSG-OW-1B	03/02/06	---------- Not Sampled or Gauged ----------					

DRAFT

Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
TSG-OW-1B	06/08/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-1B	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-1B	11/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-1B	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-1B	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-1B	08/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-1B	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-1B	02/27/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-1B	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-1B	09/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-1B	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-1B	03/25/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-1B	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-1B	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-1B	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-OW-1B	09/22/10	NS	NS	NS	NS	NS	NS
TSG-OW-1B	02/11/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-OW-2A	05/18/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-2A	08/29/05	---------- Not Sampled due to Insufficient Water ----------					
TSG-OW-2A	11/30/05	---------- Not Sampled due to Insufficient Water ----------					
TSG-OW-2A	03/02/06	---------- Not Sampled or Gauged ----------					
TSG-OW-2A	06/08/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-2A	08/28/06	---------- Not Sampled due to Insufficient Water ----------					
TSG-OW-2A	11/28/06	---------- Not Sampled due to Insufficient Water ----------					
TSG-OW-2A	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-2A	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-2A	08/06/07	---------- Not Sampled due to Insufficient Water ----------					
TSG-OW-2A	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-2A	02/27/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-2A	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-2A	09/08/08	---------- Not Sampled - Well Dry----------					
TSG-OW-2A	12/08/08	---------- Not Sampled - Well Dry----------					
TSG-OW-2A	03/25/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-2A	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-2A	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-2A	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-OW-2A	09/22/10	NS	NS	NS	NS	NS	NS
TSG-OW-2A	02/11/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-OW-2B	05/18/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-2B	08/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-2B	11/30/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-2B	12/20/05	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-2B	03/02/06	---------- Not Sampled or Gauged ----------					
TSG-OW-2B	06/08/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-2B	08/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-2B	11/29/06	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-2B	02/23/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-2B	05/07/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-2B	08/08/07	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-2B	10/29/07	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-2B	02/27/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-2B	06/10/08	---------- Not Sampled due to Sampling Reduction Plan ---------					

DRAFT

Table 4
Historical Additional Analytes
World Oil Marketing Company
Station No. 52
16720 Monterey Highway at San Pedro Avenue
Morgan Hill, California

WELL ID #	DATE	DIPE (8260B) (µg/L)	EDB (8260B) (µg/L)	EDC (8260B) (µg/L)	EtBE (8260B) (µg/L)	tAME (8260B) (µg/L)	tBA (8260B) (µg/L)
Method Reporting Limit:		2	0.5	0.5	2	2	10
TSG-OW-2B	09/10/08	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-2B	12/08/08	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-2B	03/25/09	ND<2	ND<0.5	ND<0.5	ND<2	ND<2	ND<10
TSG-OW-2B	06/30/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-2B	07/07/09	---------- Not Sampled due to Sampling Reduction Plan ---------					
TSG-OW-2B	03/24/10	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10
TSG-OW-2B	09/22/10	NS	NS	NS	NS	NS	NS
TSG-OW-2B	02/11/11	ND<2.0	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<10

NOTES:

All analytical results presented in micrograms per liter (µg/L)

ND<50 = Not detected at or above the method reporting limit shown.

EDB = 1,2-Dibromoethane

EDC = 1,2-Dichloroethane

DIPE = Di-Isopropyl

EtBE = Ethyl tert Butyl Ether

tAME = Tert Amyl Methyl Ether

tBA = Tert-Butanol

— = Data not available or not analyzed. DIPE, EtBE, and EDC not analyzed Quarter 4, 2001 due to prior non-detectable results for these analytes and per the proposed plan in TSG's prior quarterly reports.

* = Mislabeled on laboratory report as MW-25B and MW-25C respectively

** = Samples mislabeled on laboratory report: sample TSG-MW-28A as TSG-MW-28C and vice versa.

(1) = Extraction well on-line at time of sampling. Sample collected at sample port.

NS = Not sampled

DRAFT

LTCP Checklist Go

GEOTRACKER HOME | MANAGE PROJECTS | REPORTS | SEARCH | LOGOUT

WORLD OIL #52 (T0608502184) - MAP THIS SITE

OPEN - ELIGIBLE FOR CLOSURE

16720 MONTEREY
MORGAN HILL , CA 95037
SANTA CLARA COUNTY

VIEW PRINTABLE CASE SUMMARY FOR THIS SITE

ACTIVITIES REPORT
PUBLIC WEBPAGE

CLEANUP OVERSIGHT AGENCIES
SANTA CLARA COUNTY LOP *(LEAD)* - *CASE #: 09S3E28L01f*
CASEWORKER: *AARON COSTA* - ***SUPERVISOR:*** *LANI LEE*
CENTRAL COAST RWQCB (REGION 3) - *CASE #: 3411*

CUF Claim #: 2376 **CUF Priority Assigned:** C **CUF Amount Paid:** $1,495,000

THIS PROJECT WAS LAST MODIFIED BY *AARON COSTA* ON 9/8/2014 7:43:21 AM - HISTORY

THIS SITE HAS SUBMITTALS. CLICK HERE TO OPEN A NEW WINDOW WITH THE SUBMITTAL APPROVAL PAGE FOR THIS SITE.

CLOSURE POLICY *THIS VERSION IS FINAL AS OF 9/8/2014* *CHECKLIST INITIATED ON 2/11/2013* CLOSURE POLICY HISTORY

General Criteria - *The site satisfies the policy general criteria* - CLEAR SECTION ANSWERS **YES**

a. Is the unauthorized release located within the service area of a public water system? ◉ YES ○ NO
Name of Water System : Santa Clara Valley Water District (according to Geotracker)

b. The unauthorized release consists only of petroleum (info). ◉ YES ○ NO

c. The unauthorized ("primary") release from the UST system has been stopped. ◉ YES ○ NO

d. Free product has been removed to the maximum extent practicable (info). ○ FP Not Encountered ◉ YES ○ NO

e. A conceptual site model that assesses the nature, extent, and mobility of the release has been developed (info). ◉ YES ○ NO

f. Secondary source has been removed to the extent practicable (info). ◉ YES ○ NO

g. Soil or groundwater has been tested for MTBE and results reported in accordance with Health and Safety Code Section 25296.15. ○ Not Required ◉ YES ○ NO

h. Does a nuisance exist, as defined by Water Code section 13050. ○ YES ◉ NO

1. Media-Specific Criteria: Groundwater - *The contaminant plume that exceeds water quality objectives is stable or decreasing in areal extent, and meets all of the additional characteristics of one of the five classes of sites listed below.* - CLEAR SECTION ANSWERS **YES**

EXEMPTION - Soil Only Case (Release has not Affected Groundwater - Info) ○ YES ◉ NO

Does the site meet any of the Groundwater specific criteria scenarios? ◉ YES ○ NO

1.1 - The contaminant plume that exceeds water quality objectives is <100 feet in length. There is no free product. The nearest existing water supply well or surface water body is >250 feet from the defined plume boundary. ◉ YES ○ NO

2. Media Specific Criteria: Petroleum Vapor Intrusion to Indoor Air - *The site is considered low-threat for the vapor-intrusion-to-air pathway if site-specific conditions satisfy items 2a, 2b, or 2c* - CLEAR SECTION ANSWERS **YES**

EXEMPTION - Active Commercial Petroleum Fueling Facility ◉ YES ○ NO

3. Media Specific Criteria: Direct Contact and Outdoor Air Exposure - *The site is considered low-threat for direct contact and outdoor air exposure if it meets 1, 2, or 3 below.* - CLEAR SECTION ANSWERS **NO**

EXEMPTION - The upper 10 feet of soil is free of petroleum contamination ○ YES ◉ NO

Does the site meet any of the Direct Contact and Outdoor Air Exposure criteria scenarios? ○ YES ◉ NO

ADDITIONAL QUESTIONS - Please indicate only those conditions that do not meet the policy criteria:

Exposure Type :
○ Residential ◉ Commercial ○ Utility Worker

Petroleum Constituents in Soil :
○ ≤ 5 Feet bgs ○ >5 Feet bgs and ≤10 Feet bgs ○ Unknown

Soil Concentrations of Benzene :
○ > 1.9 mg/kg and ≤ 2.8 mg/kg ○ > 2.8 mg/kg and ≤ 8.2 mg/kg ○ > 8.2 mg/kg and ≤ 12 mg/kg ○ > 12 mg/kg and ≤ 14 mg/kg ○ > 14 mg/kg ○ Unknown

Soil Concentrations of EthylBenzene :
○ > 21 mg/kg and ≤ 32 mg/kg ○ > 32 mg/kg and ≤ 89 mg/kg ○ > 89 mg/kg and ≤ 134 mg/kg ○ > 134 mg/kg and ≤ 314 mg/kg ○ > 314 mg/kg ○ Unknown

Soil Concentrations of Naphthalene :
○ > 9.7 mg/kg and ≤ 45 mg/kg ○ > 45 mg/kg and ≤ 219 mg/kg ○ > 219 mg/kg ◉ Unknown

Soil Concentrations of PAH :
○ > 0.063 mg/kg and ≤ 0,68 mg/kg ○ > 0.68 mg/kg and ≤ 4.5 mg/kg ○ > 4.5 mg/kg ○ Unknown

Area of Impacted Soil :
○ Area of Impacted Soil > 82 by 82 Feet ○ Unknown

Additional Information

Should this case be closed in spite of NOT meeting policy criteria? ◉ YES ○ NO

Explain:

DRAFT

In the UST Case Closure Review Summary Report (the Report) for the Pilapil ARCO site at 7470 Cerritos Ave., Stanton, CA (signed by Lisa Babcock, P.G., on 2/25/13 & adopted by the SRCB on 5/3/13), Ms. Babcock concludes that in certain cases naphthalene soil data is not required. The Report states that "...the relative concentration of naphthalene in soil can be conservatively estimated using published relative concentrations of naphthalene and benzene in gasoline. Taken from Potter and Simmons (1998), gasoline mixtures contain 2 percent benzene and 0.25 percent naphthalene. Therefore, benzene can be directly substituted for naphthalene concentrations with a safety factor of eight."

The DEH understands that the USTCUF position to not require naphthalene soil sampling has been accepted by the SWRCB and has set a precedent for other agencies who are implementing the policy. The DEH does not necessarily support this interpretation of the policy, however in the interest of consistent implementation the DEH believes this site meets the USTCUF criteria for sites which do not require naphthalene soil data.

Has this LTCP Checklist been updated for FY 14/15? ◉ YES ○ NO

SPELL CHECK

Save Form as Partially Completed | Save Form as Complete

LOGGED IN AS ACOSTA

CONTACT GEOTRACKER HELP

DRAFT

Attachment 6
Public Participation

In accordance with the DEH's Public Participation Plan and the State Water Resources Control Board's Low-Threat Underground Storage Tank Case Closure Policy, public notification was made to all identified interested parties on October 1, 2014. The DEH allowed 60 days for public comment. The DEH received no comments during the comment period.

The DEH believes the site meets the general and media specific criteria in the statewide policy and is eligible for case closure.

DRAFT

9109161

(10/29)

GEOMATRIX CONSULTANTS

ONE MARKET PLAZA
SPEAR STREET TOWER SUITE 717
SAN FRANCISCO, CALIFORNIA 94105
(415) 957-9557

Chain of Custody Record

DATE 9/18/91 PAGE 1 OF 1

PROJECT NO 1949

SAMPLERS: (SIGNATURE)

DATE	TIME	SAMPLE NUMBER	GENERAL MINERAL	PRIORITY POLLUTANT METALS	EPA METHOD 624	EPA METHOD 625	EPA METHOD 601	EPA METHOD 602	EPA METHOD 608	PETROLEUM HYDROCARBONS	TPH - gasoline	TPH - diesel				NUMBER OF CONTAINERS
9/18	11:30	#1 - Product									X	X				1

REMARKS (SAMPLE PRESERVATION, HANDLING PROCEDURES, OBSERVATIONS, ETC.)

FAX results to Mary Du Philp at 434-1365

Normal turn around

Sample arrived cold, proper containers, unpreserved (NS) 09/18/91

H2O limits Sample Return to Client for Disposal (NS)

TOTAL NUMBER OF CONTAINERS 1

RELINQUISHED BY:	DATE	RECEIVED BY:	RELINQUISHED BY:	DATE	RECEIVED BY: (LAB)
SIGNATURE	9/18	SIGNATURE	SIGNATURE		09/18/91
PRINTED NAME M S Philp	TIME 3:15	PRINTED NAME	PRINTED NAME	TIME	SIGNATURE 1345
COMPANY Geomatrix		COMPANY	COMPANY		PRINTED NAME
					LABORATORY

RELINQUISHED BY:	DATE	RECEIVED BY:
SIGNATURE		SIGNATURE
PRINTED NAME	TIME	PRINTED NAME
COMPANY		COMPANY

METHOD OF SHIPMENT:

LABORATORY COMMENTS / OBSERVATIONS

DISTRIBUTION: WHITE, CANARY - LABORATORY, PINK - ORIGINATOR

ANAMETRIX INC.
Environmental & Analytical Chemistry
4961 Concourse Drive, Suite E, San Jose, CA 95131
(408) 432-8992 · Fax (408) 432-8998

REPORT

MS. MARY SUE PHILP
GEOMATRIX CONSULTANTS INC.
100 PINE STREET, SUITE 1000
SAN FRANCISCO, CA 94111

Workorder # : 9110168
Date Received : 10/16/91
Project ID : 1949
Purchase Order: N/A

The following samples were received at Anametrix, Inc. for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9110168- 1	1
9110168- 2	2
9110168- 3	3
9110168- 4	4
9110168- 5	5
9110168- 6	6
9110168- 7	7

This report consists of 11 pages not including the cover letter, and is organized in sections according to the specific Anametrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anametrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234. A detailed list of the approved fields of testing can be obtained by calling our office, or the DHS Environmental Laboratory Accreditation Program at (415)540-2800.

If you have any further questions or comments on this report, please give us a call as soon as possible. Thank you for using Anametrix.

Larry Nist for
Sarah Schoen, Ph.D.
Laboratory Manager

November 1, 199[illegible]
Date

DRAFT

REPORT SUMMARY
ANAMETRIX, INC. (408)452-8152

MS. MARY SUE PHILP
GEOMATRIX CONSULTANTS INC.
100 PINE STREET, SUITE 1000
SAN FRANCISCO, CA 94111

Workorder # : 9110168
Date Received : 10/16/91
Project ID : 1949
Purchase Order: N/A
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9110168- 1	1	SOIL	10/16/91	TPHd
9110168- 2	2	SOIL	10/16/91	TPHd
9110168- 3	3	SOIL	10/16/91	TPHd
9110168- 4	4	SOIL	10/16/91	TPHd
9110168- 5	5	SOIL	10/16/91	TPHd
9110168- 6	6	SOIL	10/16/91	TPHd
9110168- 7	7	SOIL	10/16/91	TPHd
9110168- 1	1	SOIL	10/16/91	TPHg/BTEX
9110168- 2	2	SOIL	10/16/91	TPHg/BTEX
9110168- 3	3	SOIL	10/16/91	TPHg/BTEX
9110168- 4	4	SOIL	10/16/91	TPHg/BTEX
9110168- 5	5	SOIL	10/16/91	TPHg/BTEX
9110168- 6	6	SOIL	10/16/91	TPHg/BTEX
9110168- 7	7	SOIL	10/16/91	TPHg/BTEX

DRAFT

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MS. MARY SUE PHILP
GEOMATRIX CONSULTANTS INC.
100 PINE STREET, SUITE 1000
SAN FRANCISCO, CA 94111

Workorder # : 9110168
Date Received : 10/16/91
Project ID : 1049
Purchase Order: N/A
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- The concentrations reported as gasoline for samples 4,5,6 and 7 are primarily due to the presence of a heavier petroleum product, possibly diesel.
- The concentrations reported as diesel for samples 1,2 and 3 are primarily due to the presence of a heavier petroleum product, possibly motor oil.

DRAFT

Department Supervisor — Date 10/24/91

Chemist — Date 10.23.91

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9110168
Matrix : SOIL
Date Sampled : 10/16/91

Project Number : 1949
Date Released : 10/24/91

COMPOUNDS	Reporting Limit (mg/Kg)	Sample I.D.# 1 -01	Sample I.D.# 2 -02	Sample I.D.# 3 -03	Sample I.D.# 4 -04	Sample I.D.# 5 -05
Benzene	0.005	ND	ND	ND	ND	ND
Toluene	0.005	ND	ND	ND	ND	11
Ethylbenzene	0.005	ND	ND	ND	ND	7.0
Total Xylenes	0.005	ND	ND	ND	1.3	39
TPH as Gasoline	0.5	ND	ND	ND	720	2000
% Surrogate Recovery		109%	69%	111%	125%	124%
Instrument I.D.		HP12	HP12	HP8	HP8	HP3
Date Analyzed		10/21/91	10/21/91	10/23/91	10/23/91	10/23/91
RLMF		1	1	1	50	250

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using EPA Method 5030.
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020.
RLMF - Reporting Limit Multiplication Factor.
Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Analyst — Date 10.24.0

Supervisor — Date 10/24/91

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9110163
Matrix : SOIL
Date Sampled : 10/16/91

Project Number : 1949
Date Released : 10/24/91

COMPOUNDS	Reporting Limit (mg/Kg)	Sample I.D.# 6 -06	Sample I.D.# 7 -07	Sample I.D.# 12B1021A BLANK	Sample I.D.# 08B1023A BLANK
Benzene	0.005	ND	ND	ND	ND
Toluene	0.005	ND	ND	ND	ND
Ethylbenzene	0.005	ND	ND	ND	ND
Total Xylenes	0.005	ND	ND	ND	ND
TPH as Gasoline	0.5	1.2	1.0	ND	ND
% Surrogate Recovery		110%	125%	108%	105%
Instrument I.D.		HP8	HP12	HP12	HP8
Date Analyzed		10/23/91	10/21/91	10/21/91	10/23/91
RLMF		1	1	1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GC/FID using EPA Method 5030.
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020.
RLMF - Reporting Limit Multiplication Factor.
Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Analyst — Date 10.24.91

Supervisor — Date

DRAFT

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS AS DIESEL
ANAMETRIX, INC. (408) 432-8192

Anametrix W.O.: 9110168
Matrix : SOIL
Date Sampled : 10/16/91
Date Extracted: 10/21/91

Project Number : 1949
Date Released : 10/24/91
Instrument I.D.: HP19

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (mg/Kg)	Amount Found (mg/Kg)
9110168-01	1	10/23/91	10	240
9110168-02	2	10/23/91	50	1400
9110168-03	3	10/23/91	10	380
9110168-04	4	10/22/91	200	12000
9110168-05	5	10/22/91	200	12000
9110168-06	6	10/22/91	10	29
9110168-07	7	10/22/91	10	31
DSBL102 91	METHOD BLANK	10/22/91	10	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 10 mg/Kg.
ND - Not detected at or above the practical quantitation limit for the method.
TPHd - Total Petroleum Hydrocarbons as diesel is determined by GCFID following sample extraction by EPA Method 3550.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Analyst 10.24.91 Date

Supervisor 10/24/91 Date

DRAFT

TOTAL EXTRACTABLE HYDROCARBON MATRIX SPIKE REPORT
EPA METHOD 3550 WITH GC/FID
ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 1949 6
Matrix : SOIL
Date Received : 10/16/91
Date Extracted: 10/21/91
Date Analyzed : 10/22/91

Anametrix I.D. : 9110168-06
Analyst : CE
Supervisor : CB
Date Released : 10/24/91
Instrument I.D.: HP19

COMPOUND	SPIKE AMT. (mg/Kg)	MS (mg/Kg)	%REC MS	MD (mg/Kg)	%REC MD	RPD	%REC LIMITS
DIESEL	125	150	120%	120	96%	-22%	32-143

* Limits established by Anametrix, Inc.

DRAFT

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MS. MARY SUE PHILP
GEOMATRIX CONSULTANTS INC.
100 PINE STREET, SUITE 1000
SAN FRANCISCO, CA 94111

Workorder # : 9110168
Date Received : 10/16/91
Project ID : 1949
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9110168- 4	4	SOIL	10/16/91	7421
9110168- 5	5	SOIL	10/16/91	7421
9110168- 6	6	SOIL	10/16/91	7421
9110168- 7	7	SOIL	10/16/91	7421

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REPORT SUMMARY
ANAMETRIX, INC (408)432-8192

MS MARY SUE PHILP
GEOMATRIX CONSULTANTS INC.
100 PINE STREET, SUITE 1000
SAN FRANCISCO, CA 94111

Workorder # : 9110168
Date Received : 10/16/91
Project ID : 1949
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

QA/QC SUMMARY :

- Matrix and post-digestion spikes for lead by EPA Method 7421 were outside of Anametrix control limits due to matrix effects.

DRAFT

Larry Kent 11-1-91
Department Supervisor Date

Chemist 11/01/91
Date

ANALYSIS DATA SHEET - TOTAL LEAD EPA METHOD 7421
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9110168
Matrix : SOIL
Date Sampled : 10/16/91
Project Number: 1949

Date Prepared : 10/23/91
Date Analyzed : 10/31/91
Date Released : 11/01/91
Instrument I.D.: AA2

	ELEMENTS	LEAD (Pb)	
	EPA METHOD	7421	
	REPORTING LIMIT	0.15	
ANAMETRIX ID	CLIENT ID	(mg/Kg)	RLMF
9110168-04	4	10.3	5
9110168-05	5	13.8	5
9110168-06	6	5.2	5
9110168-07	7	12.4	5
MB1023S	METHOD BLANK	ND	1

ND : Not detected at or above the practical quantitation limit for the method.

All Metals by EPA Method 6010/7000, Test Method for Evaluating Solid Waste, SW-846 3rd Edition November 1986, and California Administrative Code Title 22, Section 66699.

RLMF : Reporting Limit Multiplication Factor.

Supervisor 11/1/91 Date

Chemist 11/01/91 Date

DRAFT

ANAMETRIX, INC.
1361 CONCOURSE DRIVE, SUITE E
SAN JOSE, CA 95131, (408) 432-8192

INDIVIDUAL METALS MATRIX SPIKE REPORT

Spike I.D. : 9110168-04MS,MD
Date Prepared: 10/16/91
Date Analyzed: 10/31/91
Assoc. QC # : 9110168

Inst. ID: AA2
Date : 11/01/91
Matrix : SOIL
Units : mg/Kg

ELEMENTS	METHOD	SPIKE AMOUNT	SAMPLE CONC.*	M.S. CONC.	% REC.	M.S.D. CONC.	% REC.	P P D
Pb	7421	25.0	10.3	11.8	6.0	13.8	14.0	80.0

COMMENT: Quality control limits for percent recovery are 75-125% and 25% for RPD.

* : Sample concentration of 0.0 indicates that the analyte in the sample was below detection limit for the method. 0.0 is entered for calculations of the percent recovery and RPD only.

DRAFT

Mary Nguyen 11/01/91
Supervisor Date

Yazza J. Nagpurwala 11/05/91
Chemist Date

AMAMETRIX, INC.
1961 CONCOURSE DRIVE, SUITE E
SAN JOSE, CA 95131, (408) 432-9192

POST DIGESTION SPIKE REPORT

Spike I.D. : 9110168-04PDS
Date Prepared: 10/16/91
Date Analyzed: 10/31/91
Assoc. WO # : 9110168

Inst. ID : AA2
Date : 11/01/91
Matrix : SOIL
Units : mg/Kg

ELEMENTS	METHOD	SPIKE AMOUNT	SAMPLE CONC.	P.D.S. CONC.	% REC.
Pb	7421	25.0	10.3	11.0	2.8

COMMENT: Quality control limits for percent recovery are 85-115%.

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Nancy Nguyen 11/01/91
Supervisor Date

Lizza J Nagpurdale 11/05/91
Chemist Date

9110168 #2 F.B

Chain-of-Custody Record

№ 392

Date: 10/16/91

Page 1 of 1

Project No.: 1949

Samplers (Signatures): [illegible]

	Date	Time	Sample Number	EPA Method 8010	EPA Method 8020	EPA Method 8240	EPA Method 8270	TPH as gasoline	TPH as diesel	TPH as BTEX													Cooled	Soil (S) or H2O (W)	Acidified	Number of containers	Additional comments
1	10/16	10:45	1					X	X	X													X	S		1	
2		11:12	2					X	X	X													X	S		1	
3		11:05	3					X	X	X													X	S		1	
4		11:00	4					X	X	X													X	S		1	
5		11:25	5					X	X	X													X	S		1	
6		13:35	6					X	X	X													X	S		1	
7		13:55	7					X	X	X													X	S		1	

ANALYSES

REMARKS

Additional comments

10 day turn around

FAX results to Mary Sue Philp

all samples received cold, proper containers.

Turnaround time: 10 days

Results to:

Total No. of containers: 7

Relinquished by:	Date:	Relinquished by:	Date:	Relinquished by:	Date:
Mary Sue Philp	10/16 17:45				10/16/91
Signature: Mary Sue Philp		Signature:		Signature:	
Printed name: Geomatrix		Printed name:		Printed name:	
Company:		Company:		Company:	
Received by:	**Time:**	**Received by:**	**Time:**	**Received by:** Farah Badie	**Time:** 7:45
Signature:		Signature:		Signature: FARAH BADIE	
Printed name:		Printed name:		Printed name: ANAMETRIX	
Company:		Company:		Company:	

Method of shipment:

Laboratory comments and Log No.:

Geomatrix Consultants
100 Pine St. 10th Floor
San Francisco, CA. 94111
(415) 434-9400

100 Pine Street, 10th Floor
San Francisco, CA 94111
(415) 434-9400 • FAX (415) 434-1365

GEOMATRIX

18 August 1993
Project 1049.01

8/20 orig. JSC MA
BAA

Ms. Diane Gorham
Redtree Properties, L.P.
P.O. Box 1041
Santa Cruz, California 95061

Subject: Summary of Soil and Groundwater Results
and Request for Site Closure
140 San Pedro Avenue
Morgan Hill, California

Dear Ms. Gorham:

The enclosed report describes the May 1993 groundwater sampling event, provides a summary of soil and groundwater analytical results, and recommends closure of the subject site. At your request, we have submitted a copy of this report to the Morgan Hill Fire Department and the Santa Clara Valley Water District. We are available to meet with you and representatives of the regulatory agencies to discuss our recommendations for the site.

Please call either of the undersigned if you have any questions.

Sincerely,

GEOMATRIX CONSULTANTS, INC.

Yvonne G. Pierce

Yvonne G. Pierce, R.G.
Project Geologist

Thomas A. Delfino for
Nancy T. Bice, C.E.G.
Principal Hydrogeologist

YGP:NTB:ms
CONTIN\MCLOS.LTR

cc: Sharon Kohlmannslehner, MHFD
David Drury, SCVWD
Karen Fleischer, Metropolitan Real Estate Group
Douglas Sullivan, Esq., Folger & Levin

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GEOMATRIX

SUMMARY OF SOIL AND GROUNDWATER RESULTS AND REQUEST FOR SITE CLOSURE

140 San Pedro Avenue
Morgan Hill, California

DRAFT

Prepared for

Redtree Properties, L.P.
P.O. Box 1041
Santa Cruz, California

August 1993
Project No. 1949.01

Geomatrix Consultants

GEOMATRIX

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GEOMATRIX

SUMMARY OF SOIL AND GROUNDWATER RESULTS AND REQUEST FOR SITE CLOSURE

140 San Pedro Avenue
Morgan Hill, CA

1.0 INTRODUCTION

This report presents the results of an additional round of groundwater sampling, a summary of all soil and groundwater data collected to date, and a recommendation for site closure at 140 San Pedro Avenue, Morgan Hill. The work was conducted by Geomatrix on behalf of the property owner, Redtree Properties, L.P. on 28 May 1993.

2.0 BACKGROUND

The site is located at 140 San Pedro Avenue, Morgan Hill, in Santa Clara County, California (Figure 1). A building used for warehouse purposes occupies the site. On 16 October 1991, one 550-gallon underground diesel storage tank and associated piping were removed from the site under Geomatrix's observation. Approximately 5 cubic yards of soil were excavated from the vicinity of the tank. Soil samples from the bottom of the excavated area at depths of 9 and 10 feet below ground surface contained 29 and 31 milligrams per kilogram (mg/kg) Total Petroleum Hydrocarbons (TPH) as diesel respectively. Benzene, toluene, ethylbenzene, and xylenes (BTEX) were not detected in the samples. Details of the tank removal and soil excavation were described in our Underground Storage Tank Removal Report (Geomatrix, 1991).

Analytical results for soil samples collected from depths 0.5 to 3.0 feet along the supply line trench indicated the presence of up to 1400 mg/kg TPH as motor oil. Based on these results, the Morgan Hill Fire Department (MHFD) requested additional shallow soil samples to confirm that the extent of soil affected by TPH as motor oil was limited in scope and degree. Eight additional soil borings were completed along the supply line trench on 28 August 1992 (Figure 2) (Geomatrix, 1992b). Based on the fact that no TPH as motor

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oil was detected in seven of the soil samples, and TPH as motor was detected in only one of the soil samples at a low concentration, no further work was recommended for this area.

During the period May 1992 through May 1993, Geomatrix also collected five rounds of groundwater samples from monitoring well MW-1 (Table 1). No BTEX, TPH as gasoline, or TPH as motor oil were detected. TPH as diesel was detected during two of the sampling rounds; however, the concentrations detected were low. Given that no BTEX has been detected in groundwater, and that the low hydraulic conductivity of fine-grained soils at the site inhibits migration of chemical constituents in groundwater, no further activities at the site are recommended.

3.0 MONITORING WELL INSTALLATION

At the request of the MHFD, monitoring well MW-1 was drilled and installed in the center of the tank excavation area on 29 and 30 April 1992 (Figure 3) (Geomatrix, 1992a). Drilling and soil sampling activities were performed in accordance with Geomatrix Protocols (Appendix A). To minimize the potential for vertical cross-contamination of the soil during drilling, 14-inch diameter hollow-stem augers were advanced to a depth of 15 feet and left in place. The pilot boring for the well was drilled using 6.5-inch-diameter hollow-stem augers advanced through the larger augers and into the native soil below the excavation. Continuous soil cores were collected during drilling. Soil samples for chemical analysis were collected at 5-foot intervals from depths of 15 to 75 feet using a split-spoon drive sampler.

Monitoring well MW-1 was constructed using 2-inch diameter schedule 40 PVC casing and factory slotted PVC well screen. The well screen slot size (0.01-inch) and sand filter pack (Lonestar #2/16) were selected based on visual assessment of the grain size distribution of the water-yielding unit. MW-1 was screened from 55 to 75 feet below ground surface. A fine sand transition seal (Lonestar #0/30) approximately 2 feet thick was placed on top of the sand filter pack. Cement-bentonite grout was pumped into the remaining annular space

via a tremie pipe. A representative of the Santa Clara Valley Water District observed the placement of the grout. The boring log and well construction details are presented in Apoendix B.

4.0 HYDROGEOLOGY

Based on continuous soil cores collected during drilling of the pilot boring for monitoring well MW-1, the site appears to be underlain by unconsolidated alluvial sediments to a depth of at least 75 feet. The uppermost unit, clayey sand with subrounded gravel, extends to a depth of approximately 31 feet below ground surface. This unit is underlain by silt to a depth of 40 feet. Below the silt, clayey sand, similar in composition to the uppermost unit, extends to a depth of 50 feet below ground surface. This clayey sand unit is underlain by silt to a depth of 69.5 feet. The final unit encountered consisted of clay with sand, which extended to the bottom of the borehole at 75 feet below ground surface. The results of a sieve analysis of soil collected at a depth of 73 feet within the well screen interval indicated that the clay with sand unit contained 74 percent silt and clay and 26 percent fine to coarse sand.

No free water was encountered during drilling. A summary of the water levels measured quarterly in the well is presented in Table 1. Measured depth to water was greater than 59 feet below the top of the PVC casing in August and November 1992, indicating that the well was screened across the water table. The measured depth to water in the well decreased to 31.78 and 23.62 feet below the top of PVC casing in February and May 1993, respectively, due to significant rainfall during this period. Due to the fine-grained nature of the sediments beneath the site, the well typically yields less than 20 gallons before going dry.

5.0 ADDITIONAL QUARTERLY MONITORING

Monitoring well MW-1 was sampled for four consecutive calendar quarters from May 1992 through February 1993. At the request of the MHFD and the RWQCB, a groundwater sample was collected during the fifth quarter in May 1993. Groundwater sampling procedures were in accordance with Geomatrix protocols (Appendix A). Prior to sampling, the well was bailed dry and allowed to recover, or a minimum of four casing volumes were removed. The samples were collected with a clean polyethylene disposable bailer, transferred to appropriate containers and stored in an ice-cooled chest until delivery to the analytical laboratory. No free product or odors were noted during any of the sampling rounds. Groundwater quality parameters measured during sampling are summarized in Table 3.

6.0 SUMMARY OF ANALYTICAL RESULTS

This section summarizes the analytical results for soil and groundwater samples collected from monitoring well MW-1.

6.1 SOIL

As required by the MHFD, a total of 13 soil samples were collected for chemical analysis at 5-foot intervals from 15 to 75 feet below ground surface. These samples were analyzed by modified EPA Method 8015 for TPH as gasoline, TPH as diesel, and TPH as motor oil, and by modified EPA Method 8020 for BTEX. None of these analyte compounds were detected in any of the soil samples (Table 2). Copies of the analytical results are presented in Appendix C.

6.2 GROUNDWATER

Groundwater samples collected to date from monitoring well MW-1 were analyzed by Anametrix, Inc. or Friedman and Bruya, Inc., California certified hazardous waste laboratories. A summary of groundwater analytical results is presented in Table 1. Copies

of chain-of-custody records and analytical laboratory reports are included in Appendix C. The groundwater samples were analyzed for TPH as gasoline, TPH as diesel, and TPH as motor oil by modified EPA Method 8015, and for BTEX by modified EPA Method 8020. TPH as Gasoline, TPH as motor oil, and BTEX were not detected in the groundwater samples during any of the five sampling rounds. TPH as diesel was not detected in 3 out of the 5 sampling rounds. TPH as diesel was detected at concentrations of 92 micrograms per liter ($\mu g/l$) in May 1992, and 67 and 110 $\mu g/l$ in duplicate samples in May 1993. Depths to water in MW-1 were approximately 45.5 feet in May 1992 and 23.62 feet in May 1993 when these low concentrations of TPH as diesel were detected. However, TPH as diesel was not detected in February 1993 when the depth to water also was shallow (31.78 feet).

7.0 SUMMARY AND RECOMMENDATIONS

Soil containing TPH as diesel beneath the former underground diesel storage tank were removed. TPH as diesel, TPH as motor oil, and BTEX were not detected in soil samples collected from beneath the former tank to a depth of 75 feet below ground surface. BTEX and TPH as motor oil have not been detected in groundwater from monitoring well MW-1 during the past five consecutive quarters. TPH as diesel has been detected at low concentrations in two of the five quarters. The fine-grained nature of the stratigraphic units beneath the site and the low yield from monitoring well MW-1 indicate that subsurface conditions inhibit the migration of chemical constituents in groundwater. Based on these data, and the fact that no BTEX have been detected in the well, we recommend that quarterly groundwater monitoring be discontinued at the site, MW-1 be destroyed, and the site considered for closure.

8.0 REFERENCES

Geomatrix Consultants, Inc., 1991, Underground Storage Tank Removal, 140 San Pedro Avenue, Morgan Hill, California, December.

Geomatrix Consultants, Inc., 1992a, Monitoring Well Installation, Development, a Sampling, 140 San Pedro Avenue, Morgan Hill, California, 15 June.

Geomatrix Consultants, Inc., 1992b, Results of Quarterly Groundwater Sampling and Additional Soil Borings, 140 San Pedro Avenue, Morgan Hill, California, 28 October.

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TABLES

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TABLE 1

SUMMARY OF WATER-LEVEL ELEVATIONS AND GROUNDWATER ANALYTICAL DATA[1]

140 San Pedro Avenue
Morgan Hill, California

Concentrations in micrograms per liter (µg/l)

Well	Sampling Date	Depth to Water[2] (feet)	Water-Level Elevation[3] (feet)	TPH as Gasoline	TPH as Diesel	TPH as Motor Oil	Benzene	Toluene	Ethylbenzene	Xylenes
MW-1	5/4/92	45.56[4]	292.79[4]	<50	92	NA[5]	<0.5	<0.5	<0.5	<0.5
MW-1	8/28/92	60.08	278.27	<50	<50	<50[6]	<0.5	<0.5	<0.5	<0.5
MW-1 (Blind Duplicate)	8/28/92			<50	<50	<50[6]	<0.5	<0.5	<0.5	<0.5
MW-1	11/23/92	59.67	278.68	<50	<50	<50[6]	<1	<1	<1	<2
MW-1	2/3/93	31.78	306.57	<50	<50	<50	<0.5	<0.5	<0.5	<1.0
MW-1	5/28/93	23.62	314.73	<50	110	<250	<0.2	<0.2	<0.2	<0.4
MW-1 (Lab Duplicate)	5/28/93			<50	67	<250	<0.2	<0.2	<0.2	<0.4

1 Laboratory analyses were performed by Anametrix Inc., and Friedman and Bruya, Inc.
2 Measuring point is north rim of PVC casing.
3 Measuring point elevation is 338.35 above mean sea level.
4 Water level measured prior to well development, and not necessarily representative of actual depth to groundwater.
5 NA = Not Analyzed.
6 Laboratory results indicated the presence of a naturally occurring biogenic compound within the "motor oil" range in these samples. The presence of motor oil was not indicated. See laboratory reports for details.

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GEOMATRIX

TABLE 2

SUMMARY OF SOIL ANALYTICAL DATA FROM MONITORING WELL MW-1
140 San Pedro Avenue
Morgan Hill, California

Concentrations in mg/kg

Sample ID	Sampling Date	TPH as Gasoline	TPH as Diesel	TPH as Motor Oil	Benzene	Toluene	Ethylbenzene	Xylenes
MW1-15	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-20	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-25	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-30	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-35	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-40	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-45	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-50	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-55	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-60	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-65	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-70	4/29/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005
MW1-75	4/30/92	<0.5	<10	<10	<0.005	<0.005	<0.005	<0.005

[1] Laboratory analyses were performed by Anametrix, Inc.

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TABLE 3

SUMMARY OF GROUNDWATER QUALITY PARAMETERS MEASURED DURING SAMPLING
140 San Pedro Avenue
Morgan Hill, California

Sampling Date	Total Gallons Removed	Casing Volumes Removed	Temperature (degrees celsius)	pH	Conductivity (µmhos/cm)
5/4/92	35	7[1]	NA[2]	7.6	700
8/28/92	6	3[1]	21.4	6.2	200
11/23/92	7	3[1]	17.4	7.0	300
2/3/93	20	3[1]	17.3	7.3	270
5/28/93	34	4	19.3	7.2	300

[1] Well Purged dry and allowed to recharge prior to sampling.
[2] NA = not available due to equipment malfunction.

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FIGURES

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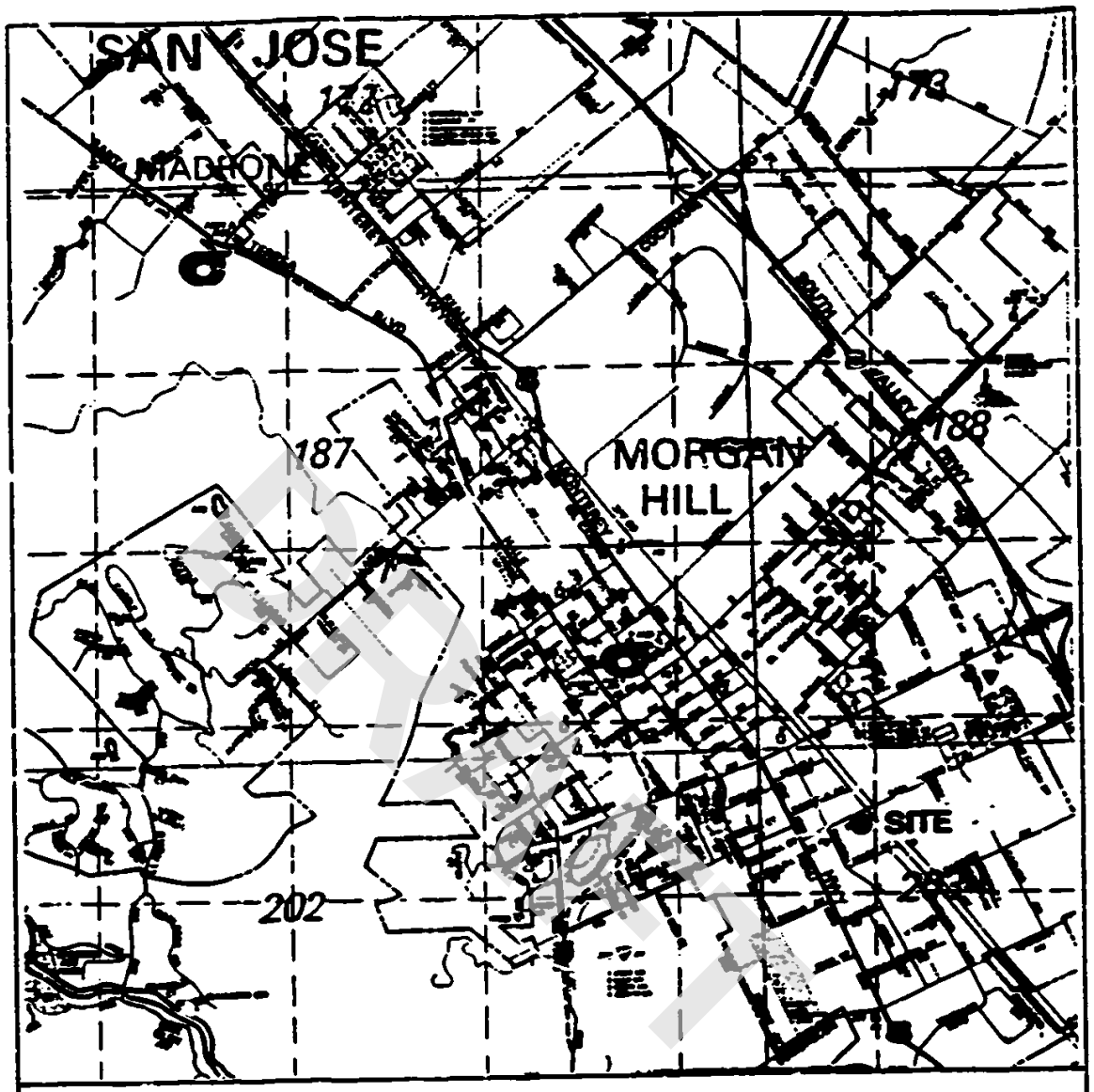
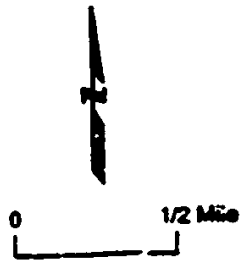
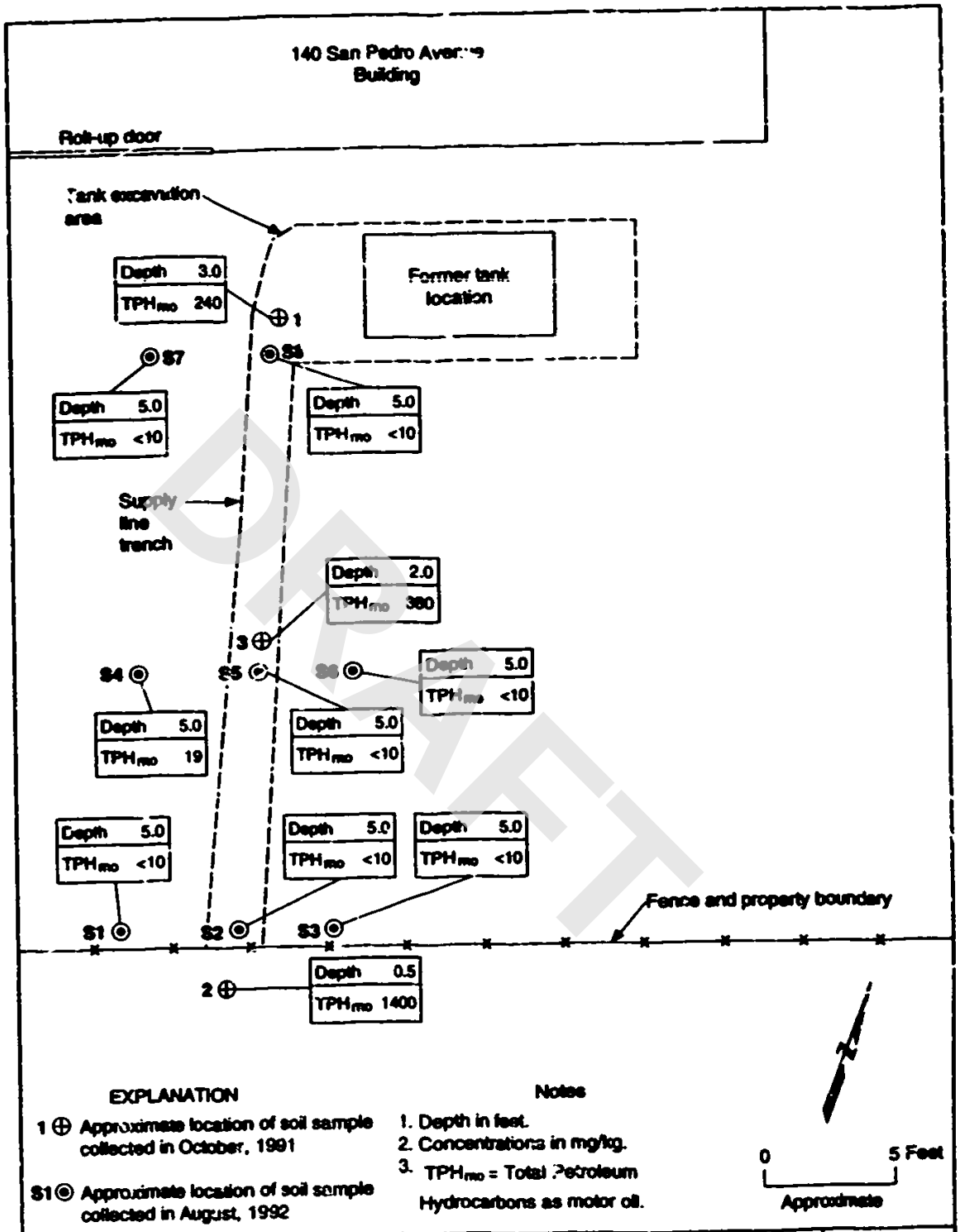




GEOMATRIX	SITE LOCATION MAP 140 San Pedro Avenue Morgan Hill, California	Figure 1 Project No. 1949.01



SOIL SAMPLE LOCATIONS
SUPPLY LINE TRENCH
140 San Pedro Avenue
Morgan Hill, California

Figure 2

Project No. 1949.01

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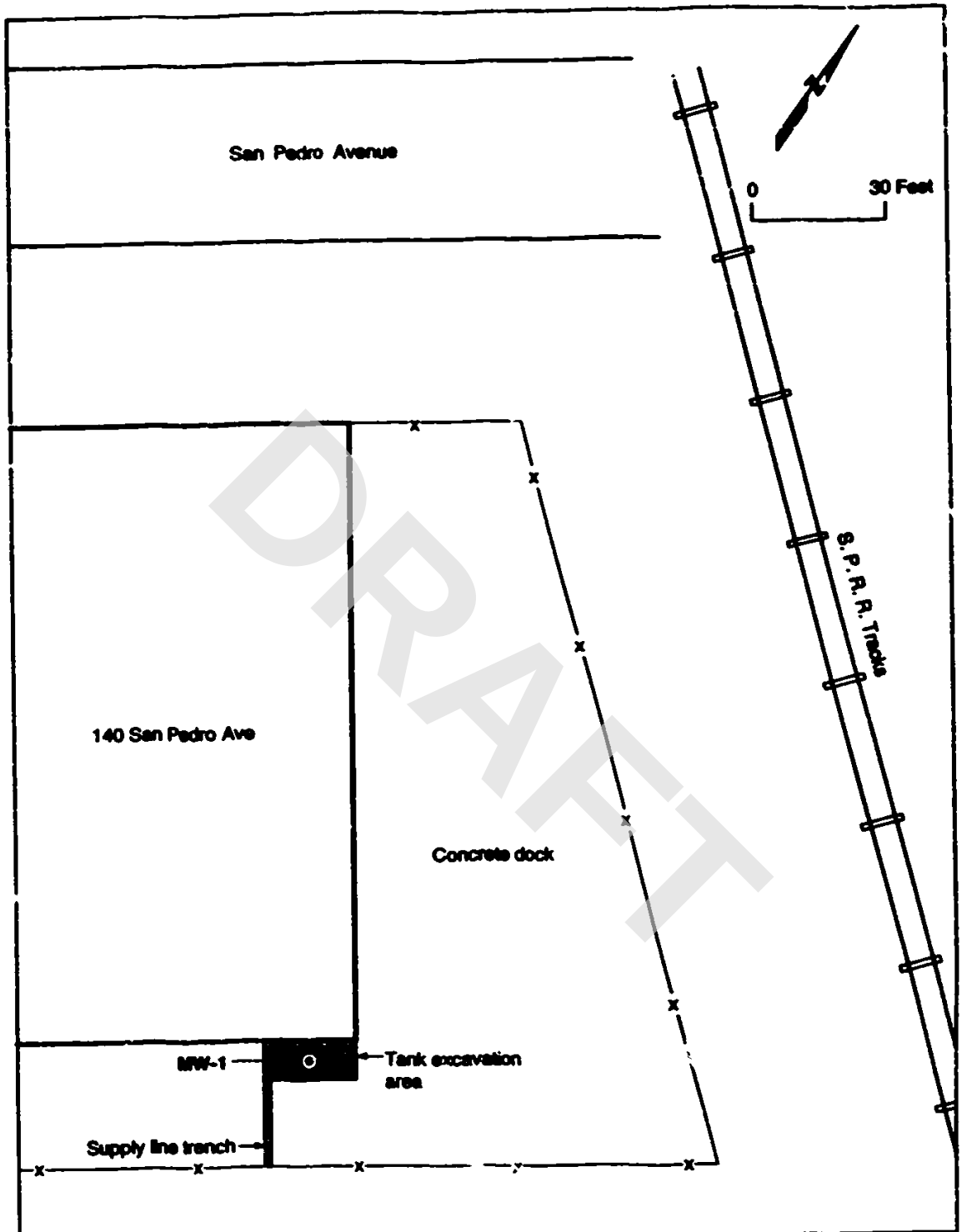

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GEOMATRIX

MONITORING WELL LOCATION MAP
140 San Pedro Avenue
Morgan Hill, California

Figure 3

Project No. 1949.01

APPENDIX A

GEOMATRIX PROTOCOLS

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PROTOCOL

DRILLING AND DESTRUCTION OF SOIL BORINGS

1.0 INTRODUCTION

This protocol describes the procedures to be followed during the drilling and logging of soil borings. The information gathered from the exploratory borings will provide information about geologic conditions, soil engineering properties and/or soil quality. If the soil boring is utilized for well installation, the well will be installed in accordance with the protocol INSTALLATION OF WELLS.

The procedures presented herein are intended to be of a general use. As the work progresses and, if warranted, appropriate revisions will be made by the project manager. Detailed procedures in this protocol may be superceded by applicable regulatory requirements.

2.0 DRILLING

If required, permits for the drilling of soil borings will be acquired from the appropriate agency before drilling is initiated and an underground utility check will be conducted. The soil borings will be drilled using a rotary, hollow stem auger, or other appropriate method. In mud rotary borings, appropriate drilling fluid additives, such as bentonite, will be used to maintain an open hole and to carry cuttings to the surface. However, no organic drilling fluid additives will be used. The drilling mud will be circulated into a settling tank or basin located near the boring. Viscosity of the drilling fluid will be assessed periodically by the driller and will be controlled throughout the drilling operation to achieve the required results (hole stability, sample return, and minimum mud cake along boring wall). Only potable water will be used as makeup water for drilling fluid. Exploratory borings drilled

using the hollow stem auger generally do not require the use of drilling fluid. If required, potable water from a municipal supply will be used to maintain boring stability.

The specific depth of each soil boring will be determined by the Geomatrix project manager before drilling. The Geomatrix field geologist/engineer will specify to the drill rig operator the depth of soil sample collection, method of sample retrieval, and other matters pertaining to the satisfactory completion of the borings. Drill cuttings, unused soil samples, and drilling fluids generated during drilling of soil borings will be stored for future disposal by the client in accordance with legal requirements.

The drill rods, augers, hoses, drive samplers, bits, and other components which fluids and cuttings contact will be thoroughly steam cleaned on-site before drilling each boring, including at the beginning of each project and at the completion of field activities. Only potable water from a municipal supply will be used for decontamination of drilling equipment. All decontamination rinsate will be collected and stored for future disposal by the client in accordance with legal requirements.

3.0 SAMPLING AND LOGGING

3.1 OBTAINING SAMPLES

Borings will be continuously cored, or sampled at depth intervals specified by the project manager based on the intended use of the boring. Samples and/or cuttings will be obtained for logging purposes at least every five feet for all borings. Drive samples will be used to log hollow stem borings, if continuous core is not collected. The samples and/or drill cuttings will be collected and described. A lithologic log of these samples will be made. Grain-size (sieve) analyses may be performed on selected samples in potential well completion zones and in other zones. These analyses will be summarized on standard grain-size analysis sheets. Other physical testing may also be performed on soil samples to

evaluate additional physical properties. Samples for chemical analysis will be collected in accordance with the protocol SOIL SAMPLING FOR CHEMICAL ANALYSIS.

3.1.1 Coring and/or Discrete Sampling

Continuous cores from mud rotary borings will be collected, with a split-barrel sampler using a wire-line method of sampler operation. Continuous cores from the auger borings will be collected with a split-barrel sampler. The core diameter will be a minimum of 1.5 inches. In general, the split-barrel sampler will be opened for observation and logging of the retrieved core.

For discrete sampling of mud rotary or auger borings, sampling will be accomplished by driving or pushing a split-barrel sampler. The field geologist/engineer will record information pertaining to the sampling, such as rate of penetration, hydraulic ram pressure or drive-hammer blow count, coring smoothness and sample recovery on the BORING LOG.

At selected depth intervals, the split-barrel sampler may be fitted with brass or stainless steel liners for collection of soil samples for possible subsequent chemical or physical testing. Samples may be retained for future review and/or preserved for chemical or physical testing, as specified by the project manager. The samples will be stored and labeled to show project number, boring number, and cored interval denoted either by depth or sequential numbering system. Procedures for the preservation and transport of soil samples retained for chemical analysis are presented in the protocol SOIL SAMPLING FOR CHEMICAL ANALYSIS.

3.1.2 Collecting Drill Cuttings

The field geologist/engineer will observe drill cuttings from the drilling return for every 5-foot increment of the rotary borings that are not continuously cored. Sampling and logging will be done by adherence to the following procedures:

A. The height of the drilling table above ground surface, lengths of the drill bit, sub and drill collars, and length of drill rods should be taken into account in calculating the depth of penetration.

B. In mud rotary drilling, a small diameter, fine mesh, hand screen will be used to obtain a sample of the cuttings from the borings by holding the screen directly in the flow of the drill fluid return line. In air rotary drilling, cuttings will be collected after discharge from the cyclone.

C. In rotary drilling, a composite sample may be obtained from the return line by leaving the screen in place during the time it takes the driller to advance the boring to any preselected depth.

D. In rotary drilling, the travel time for cuttings to reach the surface may be estimated each time the driller adds a new length of drill rod by timing the first arrival of cuttings after circulation is resumed. This travel time will be used along with the depth of penetration to estimate the start and finish of each 5-foot sampling interval.

3.2 LOGGING OF EXPLORATORY BORINGS

The observations of the field geologist/engineer will be recorded on a BORING LOG OR WELL LOG at the time of drilling. The drill rig operator and the field geologist/engineer will discuss significant changes in material penetrated by the drill, changes in drilling conditions, hydraulic pressure, drilling action, and drilling fluid circulation rate. The field geologist/engineer will be present during drilling of soil borings and will observe and record such changes by time and depth.

Drill cuttings and core samples will be observed in the field. A lithologic description will be recorded on the log using the Unified Soil Classification System (USCS) as described in ASTM D 2488-90. This description will include the USCS soil type, grain sizes and estimated percentages of each, moisture content, color according to the Munsell color charts (Kollmorgen Instruments Corp.), plasticity for fine-grained materials, consistency or

density, and any other pertinent information, such as degree of induration, calcareous content, presence of fossils and other distinctive materials.

The original field logs will be sent or delivered to the Geomatrix office for review by the Registered Geologist or Engineer and the project manager and for storage in the project files.

4.0 GEOPHYSICAL LOGS

Following completion of drilling, downhole geophysical logs may be performed immediately after the drilling fluid has been circulated to remove all of the cuttings. Geophysical methods and equipment will be selected to provide stratigraphic or hydrogeologic data appropriate for the project. Geophysical logging will be done as quickly and efficiently as possible, while the boring side wall is still in stable condition, to minimize the possibility of interference with the down-hole probes. Instruments on the logging unit will be adjusted to give the maximum definition of strata boundaries. All down-hole geophysical equipment will be cleaned before and after entering each borehole.

5.0 FIELD SCREENING

Soil samples at the boring locations may be screened using a portable meter such as a photoionization detector (PID), a flame ionization detector (FID), or a lower explosive limit (LEL) meter, or other organic vapor meter. The meter may be used to assess the presence of VOCs or other gases in soil samples. Additional field screening techniques for chemical characterization of soils may include x-ray fluorescence (XRF) and thin layer chromatography (TLC). Procedures for field screening are described in the protocol SOIL SAMPLING FOR CHEMICAL ANALYSIS.

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6.0 DESTROYING SOIL BORINGS

Soil borings that are not completed as monitoring wells will be destroyed by filling the holes with a neat cement grout, cement/sand grout, or cement/bentonite grout. A high-solids bentonite grout may be used in the saturated zone. Geomatrix field staff will calculate borehole volume and compare it to the volume of grout used to evaluate whether bridging has occurred. These calculations and the actual volume emplaced will be noted on the boring log. The grout will be placed in one continuous pour before its initial set from the bottom of the boring to ground surface. The grout will be emplaced by pumping through a tremie pipe or flexible hose initially lowered to the bottom of the borings and raised incrementally as placement proceeds. If hollow stem augers were used for drilling, the augers should be raised in incrementally as emplacement proceeds. Augers will not be raised in increments greater than 20 feet or as greater than allowed by borehole stability. Borings that are terminated above the water table and not greater than 20-feet deep may be abandoned by a continuous grout pour originating at the ground surface. The grout will be pumped until a return of fresh grout is visible at the surface.

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GEOMATRIX

PROTOCOL

SOIL SAMPLING FOR CHEMICAL ANALYSIS

1.0 INTRODUCTION

This protocol describes procedures to be followed for collecting soil samples and conducting soil field screening in conjunction with the drilling of soil borings. Selected soil samples will be submitted to a designated laboratory for chemical analysis. The laboratory must be certified by the California Department of Health Service (DHS) or other appropriate agency for the analyses to be performed. The procedures presented herein are intended to be of general use. As the work progresses and if warranted, appropriate revisions will be made and approved by the Geomatrix project manager.

2.0 DRILLING

The drilling of soil borings will be in accordance with the protocol DRILLING AND DESTRUCTION OF SOIL BORINGS.

3.0 SAMPLE COLLECTION AND PRESERVATION

Soil samples will be collected in clean brass or stainless steel liners that have been washed with detergent-water solution and rinsed with potable water. The liners will generally be set in a 2-inch or 2.5-inch diameter split-spoon sampler and then driven or pushed into soil at the selected sampling depth. Alternatively, a subsample for chemical analyses may also be collected by driving a liner of smaller diameter into the center of the larger core sample, taking care to minimize sample disturbance and air space within the liner. If the soil sample is collected in a hand auger, a subsample should be collected from the core of the auger, again taking care to minimize sample disturbance and air space within the liner. If

the sample is to be analyzed for metals only, a disturbed sample may be placed in a glass jar. Samples to be analyzed for metals will be homogenized before analysis either in the field or by the lab to provide results more representative of the entire sampling interval.

The sampler will be washed with laboratory grade detergent-water solution to remove any soil present and then it will be rinsed with potable water prior to and between sampling. Upon disassembly of the soil sampler, the Geomatrix field geologist/engineer will take charge of the sample. Clean latex or solvex gloves will be worn by the sampler before touching the sample. The sample will be parted at the joints between the brass liners using a clean, sharp, stainless steel knife or spatula. The sample will be quickly observed for color, appearance, and composition and then capped. The ends of the liners will be covered with teflon sheeting and/or aluminum foil and then capped by plastic end caps. Capped samples will be sealed with tape and will be labeled and stored in a chest, which contains ice or blue ice if cooling is required, until delivered to the laboratory. Table 1 lists common analyses performed and the appropriate storage and handling requirements.

Sample containers will be labeled using waterproof ink and having the following information written on them.

- Geomatrix
- Project number
- Sample I.D. number
- Date and time sample was collected
- Initials of Sampler

4.0 SOIL FIELD SCREENING

A portable photoionization detector (PID), flame ionization detector (FID), lower explosive limit meter (LEL) or other type of organic vapor meter, may be used to screen selected soil samples collected from the soil borings. The purpose for the field screening of selected soil samples is to assess the presence of volatile organic compounds in the soil samples. The meter measures total volatile organics in the air in parts per million (ppm) by volume in

reference to a selected standard. Calibration of the meter will be performed each day prior to the soil sampling. The meter cannot specifically identify each volatile compound, but can be adjusted to be sensitive to selected volatile organics.

The organic vapor meter screening method for selected soil samples consists of transferring a soil sample into a clean glass jar or plastic resealable bag. After some time has elapsed, the headspace will be quickly screened for the presence of volatile organics, and the meter will be allowed to return to a zero measurement before the next reading is taken. No soil sample used for field screening will be submitted to the laboratory for chemical analysis. The meter may also be used in auger borings to periodically screen for volatile organics in the air space at the top opening of the hollow stem auger. All meter readings for soil samples and ambient air at the top of the auger will be recorded on the BORING LOG or WELL LOG. Positive readings from the meter screening may be used to assist with selection of soil samples for chemical analysis.

Other soil screening techniques may also be used, including thin layer chromatography (TLC) which is discussed in the protocol SOIL EXCAVATION MONITORING AND SAMPLING, or x-ray fluorescence (XRF).

5.0 DOCUMENTATION

5.1 BORING LOG

Soil samples collected from soil borings will be recorded on the BORING LOG. These logs provide a means of uniquely identifying and tracking the samples. When sampling is completed, the original field log sheets will be placed in the project file.

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5.2 CHAIN-OF-CUSTODY PROCEDURES

After samples have been collected and labeled, they will be maintained under chain-of-custody procedures. These procedures document the transfer of custody of samples from the field to the laboratory.

A CHAIN-OF-CUSTODY RECORD will be filled out for each sample sent to the laboratory for analysis. Information contained on the triplicate carbonless form will include:

- Name of sampler.
- Date and time sampled.
- Sample I.D.
- Number of sample bottles.
- Sample Matrix (soil, water, or other).
- Analyses required.
- Remarks, including any preservatives, special conditions, or specific quality control measures.
- Turnaround time and person to receive lab report.
- Project number.
- Signatures of all people assuming custody.
- Signatures of field sampler at top of chain-of-custody.
- Condition of samples when received by lab.

Blank spaces on the chain-of-custody record will be crossed out between last sample number listed and signatures at the bottom of the sheet.

The field sampler will sign the chain-of-custody record and will record the time and the date at the time of transfer to the laboratory or an intermediate person. A set of signatures is required for each relinquished/received transfer, including transfer within Geomatrix. The original imprint of the chain-of-custody record will accompany the sample containers. A duplicate copy will be placed in the Geomatrix project file.

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6.0 EQUIPMENT CLEANING

The sampler, brass or stainless steel liners, spatula, and any tools used in the assembly and disassembly of the sampler will be thoroughly cleaned before and after each use. All soil will be removed from the tools and parts and the tools will be steam-cleaned or washed in laboratory-grade detergent water with a brush followed by rinsing in potable water. Decontamination rinsate will be contained and stored for future disposal by the client in accordance with legal requirements.

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GEOMATRIX

PROTOCOL

INSTALLATION AND DESTRUCTION OF WELLS

1.0 INTRODUCTION

This protocol describes procedures to be followed during the installation or destruction of monitoring, groundwater extraction, and vapor extraction wells. The procedures presented herein are intended to be of general use. As the work progresses, and if warranted, appropriate revisions will be made and approved by the project manager. Detailed procedures in this protocol may be superceded by applicable regulatory requirements.

2.0 WELL INSTALLATION

If required, permits for the installation of wells will be acquired from the appropriate regulatory agency before drilling is initiated. After well installation, well completion report(s) will be completed and filed with the California State Department of Water Resources or the appropriate agency.

Each groundwater monitoring well will be designed to enable measurement of the potentiometric surface and to permit water sampling of a specific water-bearing zone. Each vapor monitoring well will be designed to enable measurement of pressure conditions and permit sampling of a specific zone. The field geologist/engineer, in consultation with the project Geologist or Engineer who will be registered with the State of California if required, will specify the screened interval using the lithologic log and geophysical log (if performed) and will select the well materials and techniques for well completion to be compatible with the formations and the intended use of the well. Drilling and logging of the borings for the wells will be in conformance with the protocol DRILLING OF SOIL BORINGS.

Construction of all wells will be in conformance with the following provisions. A TYPICAL MONITORING WELL CONSTRUCTION DIAGRAM is attached.

2.1 WELL SCREEN AND CASING

The well casing will generally consist of threaded stainless steel or polyvinyl chloride (PVC) schedule 40 (minimum) casing. The inside diameter of the casing will be large enough to permit easy passage of an appropriate water level probe and equipment for purging wells and water sample collection.

The well screen will generally consist of machine-slotted or wire-wrapped PVC or stainless steel screen. The slot sizes will be compatible in size with the selected filter material. The screened sections will provide flow between the target zone and the well, allowing efficiency in well development and collection of representative samples.

2.2 FILTER MATERIAL

Filter material will be well graded, clean sand with less than 2 percent by weight passing a No. 200 sieve and less than 5 percent by weight of calcareous material. The filter material will be either a standard sand gradation designed for a range of anticipated soil types or a sand gradation specifically designed to fit the soils collected from anticipated well completion zones.

2.3 SETTING SCREENS AND RISER CASING

Upon completion of drilling and/or geophysical logging, the boring will be sounded to verify the total depth, and the well casing will be assembled and lowered into the boring. Well casing materials will be measured to the nearest 0.01 foot and steam cleaned before being lowered into the borehole. The casing and screen will be suspended a few inches above the bottom of the boring. The well assembly will be designed so that the well screen is opposite the target zone. The bottom of the screen will typically be flush with the bottom of the well and will be fitted with a secure bottom cap. The PVC casing and well screen joints will be flush coupled. No PVC cement or other solvents will be used to

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fasten the joints of casing or well screen. When installing wells in an open borehole, stainless steel centralizers will be used immediately above and below the well screen and approximately every thirty (30) to fifty (50) feet along the length of the casing. Centralizers need not be placed on well assemblies installed within augers or drill casings because the auger or drill casing will adequately center the well casing and screen in the borehole.

For borings drilled by the mud rotary method, potable water may be added to the drill mud fluid and circulated in the borehole after completion of the boring. Circulation will continue until the suspended sediment in the return fluid has been thinned. If borehole conditions are relatively stable, the mud will be thinned before the casing assembly is lowered to the specified depth. This is preferred because it minimizes clogging of the well screen with thick mud. Conversely, if borehole conditions are relatively unstable, the mud will be thinned after the casing is placed at the specified depth but prior to installation of annular fill materials. After installation of the well assembly, a slurry of filter sand and potable water will then be tremied into the annular space. For borings drilled using the hollow stem auger method, the filter sand will be placed after the well assembly has been lowered to the specific depth through the augers. The augers will be incrementally raised as the filter sand is placed by free fall through the augers. The depth to the top of the filter pack will be measured after each increment to detect possible bridging. If bridging occurs, it will be broken by washing the filter materials into proper place with potable water, or by repeatedly raising and lowering the augers slightly. The filter sand will be placed in a calculated quantity sufficient to fill the annular space to a level of about 1 to 2 feet above the top of the well screen for monitoring wells. For extraction wells the level of filter sand above the well screen will be based on site-specific conditions. The depth to the top of the filter pack will be verified by measuring, using a tremie pipe or a weighted tape. Groundwater extraction wells or monitoring wells may be surged before placement of the transition seal to promote filter pack settlement, as specified by the project manager.

Once the depth to the top of the filter pack has been verified, bentonite or fine sand may be placed in the annular space as a transition seal between the filter sand and the grout. If bentonite is to be placed below standing water, a high solids bentonite grout will be pumped through a tremie pipe, or pellets may be poured through the annulus. If bentonite is to be placed above standing water, a high solids bentonite grout should be used or pellets may be placed in three-inch lifts. Each lift should be hydrated using approximately one gallon of potable water per 3-inch lift of pellets. A sufficient quantity of bentonite will be poured to fill the annular space to a level of about 2 feet above the top of the filter pack. The completed bentonite transition seal will be allowed to hydrate for at least 30 minutes prior to placing the grout. If a layer of fine sand is placed as the transition seal, the fine sand will be mixed with potable water and placed as a slurry through the tremie pipe or poured dry through the annulus. The depth to the top of the transition seal will be verified by measuring, using the tremie pipe or a weighted tape.

A neat cement grout, cement/sand grout, or cement/bentonite grout seal will be placed from the top of the transition seal to the ground surface. The grout seal will be placed by pumping through a tremie pipe lowered to within five feet of the top of the transition seal in mud rotary borings. The grout seal will be placed in hollow stem auger borings by free fall through the augers as they are incrementally raised or by pumping through flexible hose lowered to near the bottom of the zone to be grouted. The grout must be tremied if there is any standing water in the augers above the transition seal. Grout/additive/water mixtures will be determined on a site-specific basis. Typical specifications of grout mixtures include: a) neat cement/bentonite grout, a mixture of one sack (94 pounds) portland cement, approximately 2 to 5 percent by weight (of cement) powdered bentonite, and approximately 6 to 8 gallons of water; b) neat cement grout consisting of one sack of portland cement and approximately 5 to 6 gallons of water; and c) cement/sand grout consisting of no more than two parts sand to 1 part cement and approximately 7 gallons of water. Only potable water will be used to prepare the grout. After grouting, no work will be done on the monitoring well until the grout has set a minimum of 24 hours.

2.4 DEVELOPMENT OF GROUNDWATER MONITORING OR EXTRACTION WELLS

When the well installation is complete, the well will be developed by surging, bailing, and/or pumping or other appropriate method as specified by the project manager. The objectives of well development are to remove sediment that may have accumulated during well installation, to consolidate the filter pack around the well screen, and to enhance the hydraulic connection between the target zone and the well. A minimum of 24 hours must pass between completion of grouting and development, to allow sufficient curing of the grout. In most instances, a bailer will be used to remove sediment and turbid water from the bottom of the well. A surge block then used within the entire screened interval to flush the filter pack of fine sediment. Surging will be conducted slowly to minimize disruption to the filter pack and screen. The well will be bailed again to remove sediment drawn in by the surging process until suspended sediment is minimized. Following the bailing and surging the well will be further developed using air-lift or pumping methods. A bailer may be used for low-yield wells. The well will be developed at a higher pumping rate than the anticipated rate of future purging, if possible. During development, the turbidity of the water will be monitored and the pH, specific conductance, and temperature of the return water will be measured. Drawdown and recovery will be measured during and at the end of the development process, respectively, using an electric sounder. Well development will proceed until the return water is of sufficient clarity, in the judgment of the Geomatrix field personnel. If the screened interval is too long to be developed adequately in one stage, additional stages will be employed, in which the end of the pump intake will be raised or lowered to various depths, as required.

2.5 SURFACE COMPLETION

Upon completion of the well, a suitable slip-on cap, threaded end cap, or waterproof cap will be fitted on the top of the riser casing to prevent the entry of surface runoff or foreign matter. A steel protective well cover (e.g., stovepipe) will be completed either above the ground surface, or a vault with a traffic rated cover will be completed at the ground

surface. All wells will be locked for security, and will be designed to limit surface water infiltration.

2.6 DOCUMENTATION

A well construction diagram for each well will be completed in the field on the MONITORING WELL LOG by the field geologist/engineer and submitted to the project geologist or engineer upon completion of each well. Well installation and construction data will be summarized on the FIELD WELL CONSTRUCTION SUMMARY. Well development notes and field measurements of water quality parameters will be summarized on a MONITORING WELL SAMPLING RECORD. A DAILY FIELD RECORD and the well development record will also be submitted to the project geologist or engineer upon completion of each monitoring well.

3.0 CLEANING OF DRILLING EQUIPMENT

Cleaning of the drill rig and associated drilling equipment will follow the procedures discussed in Section 2 of the protocol DRILLING AND DESTRUCTION OF SOIL BORINGS.

All well casing materials will be cleaned thoroughly before they are installed. Well development equipment will be cleaned thoroughly before use. The following cleaning procedure has been found to be effective and will be used or adapted as appropriate for general conditions of materials or equipment to be cleaned.

1. Swab surfaces, inside and out, with a laboratory grade detergent-potable water solution or steam clean with a detergent-potable water solution.

2. Steam rinse with potable water or rinse in deionized or organic-free water.

3. Cover with clean plastic to protect materials and equipment from contact with chemical products, dust, or other contaminants.

Alternatively, well casing materials that have been steam-cleaned and sealed in individual airtight plastic bags by the factory can be used.

Decontamination rinsate will be collected and stored for future disposal by the client in accordance with legal requirements.

4.0 WELL DESTRUCTION

Destruction of wells will be completed in accordance with applicable state and local requirements. If required, permits for destruction will be obtained from the appropriate regulatory agency. As part of destruction design and implementation, care will be taken to seal groundwater pathways between multiple aquifers, and limit surface water infiltration through the destroyed borehole.

If possible, the well casing will be removed from the borehole. For shallow wells, and if the well has been completed in the uppermost aquifer, the casing may be pulled from the borehole before auger entry. Alternatively, and if the well has been completed below the uppermost aquifer, the annular fill may be drilled out with hollow-stem augers and the casing removed from the borehole through the augers. If the well casing is PVC or other similar material and cannot be removed as described above, it may be removed by drilling out the casing and annular fill using a tricone or drag bit and a rotary drilling method. The borehole will be redrilled to the same or slightly larger diameter than the original borehole. The redrilled borehole will be plumb and adequately centered, and all the well casing will be removed. The borehole will be filled with a neat cement, cement/sand or cement/bentonite grout. A high-solids bentonite grout may be used in the saturated zone. The grout will be placed in one continuous pour before its initial set from the bottom of the boring to the ground surface. The grout will be emplaced by pumping through a tremie pipe or flexible hose which is initially lowered to the bottom of the borehole, and raised incrementally as emplacement proceeds. The augers should be raised incrementally as emplacement proceeds, but not to exceed increments of 20 feet or greater than allowed by

borehole stability. Boreholes that are terminated above the water table and are not greater than 20 feet deep may be grouted by a continuous pour originating at the ground surface.

If the well casing cannot be removed, grout may be tremied into the casing as described above. If the filter pack interconnects multiple distinct water-yielding zones, the casing must be cut opposite the aquifer to be sealed as well as through the intervening aquitard before grout is emplaced. This will allow the grout to seal the filter pack area, thereby prohibiting vertical movement of groundwater between the zones. Grout should be placed opposite the aquifer and for a vertical distance of at least ten feet above (and below the aquifer, if applicable). If the aquifer is confined and the head pressure is great, the grout may need to be emplaced under pressure.

The volume of sealing material used will be calculated and compared to the casing or borehole volume to ensure bridging has not taken place during well destruction. If the well is in an urban area and if the casing remains in the borehole, a hole will be excavated around the well to a depth of five feet, and the casing will be removed to the bottom of the excavation. The sealing material will be allowed to spill over into the excavation to form a cap. The remainder of the excavation will be backfilled with either native material, grout, or concrete.

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GEOMATRIX

PROTOCOL

WATER LEVEL, WELL DEPTH, AND FREE PRODUCT MEASUREMENTS

1.0 INTRODUCTION

This protocol describes procedures to be followed during water level, well depth, and free product measurements. The procedures presented herein are intended to be of a general nature and, as the investigation progresses and when warranted, appropriate revisions may be made by the project manager.

2.0 WATER LEVEL AND WELL DEPTH MEASUREMENTS

Water level measurements at a site will be taken as quickly as possible, to best represent the potentiometric surface across the site at a single time. If pressure is suspected or has developed inside the well casing, the well will be allowed to stand without a cap for a few minutes before taking the water-level measurement. Water-level measurements will be recorded to the nearest hundredth foot, and well depth measurements will be noted to the nearest half foot. Equipment placed in the wells for water level and well depth measurements will be cleaned prior to reuse, as discussed in Section 5. Care will be taken to not drop any foreign objects into the wells and to not allow the tape or sounding device to touch the ground around the well during monitoring.

2.1 WATER LEVEL MEASUREMENTS

Water level measurements will be performed by one of the following methods:

A. Wetted-tape Method

A steel surveyor's tape will be prepared by coating several feet of the lower end of the tape with chalk or water-finding paste. A lead weight is attached to the lower end of the steel tape to keep it taut. The tape is lowered into the well until a foot or two of the chalked portion is submerged.

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Tape without weight can be used if the well opening or pump casing clearance is too small and restricts the passage of weight. The proper length to lower the tape may have to be determined experimentally. Measurement will be done as follows:

1. Lower and hold the tape at an even foot mark at the Measuring Point (MP) and note this tape reading.

2. Remove the steel tape from the well. Add or subtract the wetted length from the even foot mark noted in Step 1 as appropriate for your tape, and record this as water level below MP on the WATER LEVEL MONITORING RECORD.

B. Electric Sounder Method

An electric sounder consists of a contact electrode that is suspended by an insulated electric cable from a reel that has an ammeter, a buzzer, a light, or other closed circuit indicator attached. The indicator shows a closed circuit and flow of current when the electrode touches the water surface. Electric sounders will be calibrated by measuring each interval and remarking them where necessary.

The procedure for measuring water levels with an electric sounder is as follows:

1. Switch on.

2. Lower the electric sounder cable into the well until the ammeter or buzzer indicates a closed circuit. Raise and lower the electric cable slightly until the shortest length of cable that gives the maximum response on the indicator is found.

3. With the cable in this fixed position, note the length of cable at the MP.

4. Since the electric cable is graduated in intervals, use a pocket steel tape measure (graduated in hundredths of a foot) to interpolate between consecutive marks. Care must be taken that the tape measurements are subtracted from graduated mark footage value when the water level hold point (determined in Step 3) is below the graduated mark and added when above the mark. Record the resulting value as water level below MP on the WATER LEVEL MONITORING RECORD.

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2.2 WELL DEPTH MEASUREMENT

Depth of a well will be measured by sounding with a weighted steel surveying tape or an electric sounding line, weighted when possible. Procedures to be followed are described below.

A. Measure the distance between the zero mark on the end of the measuring line and the bottom of the weight.

B. Lower the weighted measuring line into the well until the line becomes slack or there is noticeable decrease in weight, which indicates the bottom of the well. Raise the line slowly until it becomes taut (this may have to be done several times to determine that taut point) and, with the line in this fixed position, note the reading at the MP. Add the distance described in Step A to this reading, and record the resulting value as well depth. This procedure will be performed before and after initial well development or as necessary to determine well casing depth.

C. Record the well depth value on a MONITORING WELL SAMPLING RECORD.

4.0 FLOATING FREE PRODUCT MEASUREMENT

Floating free product level/thickness measurements will be measured using a Flexidip interface probe (or other similar interface probe) or using an electric sounder and a bailer. The electric sounder and bailer method is limited to measuring product thickness less than the length of the bailer. Alternatively, if the free product is to be measured is hydrocarbon product, the thickness is greater than the length of the bailer, and a Flexidip is not available, a steel surveyor's tape and gasoline or oil finding paste in combination with water finding paste may be used. All floating free product level measurements shall be recorded to the nearest hundredth foot. All equipment placed in the wells for free product level measurement will be cleaned prior to reuse, as discussed in Section 5.0. Care will be taken to not drop any foreign objects into the wells and to not allow the measuring device to touch the ground around the well during monitoring.

4.1 FLEXIDIP INTERFACE PROBE METHOD

The Flexidip free product-water interface probe consists of a contract electrode that is suspended by a graduated tape from a reel that has a light and two-toned audible signals. Audible and visual signals occur when the electrode touches the free product surface and then the water surface.

The procedure for measuring free product levels using the Flexidip is as follows:

1. Turn the probe on. A short chirp every 5 seconds signals that the prone is on.
2. Lower the steel probe cover into the well until the cover sits on well casing near the measuring point. Make sure the WIPER switch is off.
3. Unlock the reel using the lock screw and lower tape and probe down into well using reel.
4. When the probe reaches the free product level, the audible signal will be a continuous tone, and the yellow OIL light will be illuminated.
5. Lock reel using lock screw, lift up, and read the level from the tape-viewing window on the side of the steel probe cover.
6. Unlock the reel and slowly lower probe to find the interface level.
7. When the probe reaches the interface, the audible signal changes from a continuous tone to an interrupted tone, and the red INTERFACE light flashes.
8. Lock reel and read level.
9. Turn on WIPER switch and reel up. Always thoroughly clean off any free product before reeling the tape and probe in.
10. Turn probe off and store in case after cleaning.
11. Replace battery when a continuous chirping sound is heard after turning on power with the probe in air. Always replace battery in a gas-free atmosphere.

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4.2 ELECTRIC SOUNDER AND BAILER METHOD

The procedure for measuring free product using an electric sounder and an acrylic bailer are as follows:

A. Measure the water level with the electric sounder as described in Section 2.1

B. Suspend a clean acrylic bailer on a line and slowly lower the bailer into the well until it partially intersects the groundwater surface

C. Slowly pull the bailer to the surface

D. Let the bailer stand for several minutes

E. Measure the thickness of the product in the bailer to the nearest 0.01 foot and record the value on the sampling record. If the product is less than 0.01 foot thick the amount should be recorded as less than 0.01 foot. If only a sheen is observed, or no free product is seen, these observations should be recorded.

4.3 STEEL TAPE AND PASTE METHOD

A. Measure the water level with an electric sounder as described in Section 2.1.

B. Spread a thin layer of gasoline or oil finding paste on one side of a steel surveyor's tape beginning at the zero foot mark and extending up the tape about one-foot more than the anticipated thickness of the free product.

C. Spread a thin film of water finding paste on the opposite side of the tape beginning at the zero foot mark and extending up the tape about one-foot.

D. Slowly lower the tape into the well until the zero foot mark is located about six inches below the water level (the tape reading at the measuring point should be six inches greater than the actual depth to water). Take care not touch the sides of the well with the tape.

E. Slowly remove the tape from the well. The pastes will have changed color upon contact with the water or the free product. The product thickness is the difference between the tape reading at the point where water finding paste indicates the water level to be and the point where the gasoline or oil finding paste indicates the top of the free product to be.

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5.0 EQUIPMENT CLEANING

Steel tapes, electric well sounders, and acrylic bailers will be cleaned after measurements in each well. Cleaning procedures will be as follows:

A. Wipe free product off with disposable towels. Rinse probe or portion of instrument that was immersed in well water with a solution of laboratory-grade detergent and potable water.

B. Rinse with potable water.

C. Dry with a clean paper towel.

D. The Flexidip may also be cleaned with acetone at this stage.

Solutions resulting from cleaning procedures will be collected and stored for future disposal by the client in accordance with legal requirements.

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PROTOCOL

SAMPLING OF GROUNDWATER MONITORING WELLS AND WATER SUPPLY WELLS

1.0 INTRODUCTION

This protocol describes procedures to be followed during collection of field water quality measurements and groundwater samples for laboratory chemical analysis from monitoring wells and water supply wells. The procedures presented herein are intended to be of general use. As the work progresses, and if warranted, appropriate revisions will be made by the Geomatrix project manager.

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2.0 SAMPLING

2.1 SAMPLE COLLECTION

A. Monitoring Wells - For wells completed without dedicated sampling pumps, at least four well casing volumes or one saturated borehole volume, whichever is greater, will be removed to purge the well prior to collection of groundwater samples. The saturated borehole volume is the volume of water in the well casing plus the volume of water in the filterpack. Periodic observations of turbidity and measurements of temperature, pH, and specific conductance will be made with field equipment during purging to evaluate whether the water samples are representative of the target zone. Samples will be collected only when: 1) a minimum of four sets of parameter readings have been taken, and 2) the temperature, pH, and specific conductance reach relatively constant values, and the turbidity has stabilized.

Wells that recharge very slowly may be purged dry once, allowed to recharge, and then sampled as soon as sufficient water is available. In this case, at least two parameter readings of field water quality should be taken; one initially and one after recharge.

A submersible pump, diaphragm pump, positive displacement pump which may contain a bladder, or a bailer will be used for evacuating (purging) the monitoring well casing. Generally purging will begin with the pump inlet at the midscreen interval and the pump will be raised through the water column as

purging progresses, ending just below the water table in order to remove stagnant water from the well casing. The majority of the purge volume will be taken from the mid-screen interval. Purging will progress at a rate intended to minimize differential drawdown between the interior of the wellscreen and the filter sand, to limit cascading water along the inside of the well casing.

Clean latex or solvex gloves will be worn by the sampler before beginning sampling. A Teflon bailer or a stainless steel positive displacement Teflon® bladder pump with Teflon® tubing will be used to collect the water samples for laboratory chemical analysis. The sample will be taken from the midscreen interval and the depth will be recorded.

Each sampling episode will begin with the well having the least suspected concentrations of target compounds. Successive wells will be sampled in sequence of increasing suspected concentration.

B. Water Supply Wells - Water supply wells, designated by the project manager, will be sampled by purging the wells for a period of time adequate to purge the pump riser pipe. If the well is currently pumping, the sample can be taken without purging the well. Water samples will then be collected from the discharge point nearest the well head. Samples will be collected directly in laboratory prepared bottles.

C. Extraction Wells - Extraction wells will be sampled while extraction is occurring, from an in-line sampling port after purging the sampling line. Samples will be collected directly in laboratory-prepared bottles.

A MONITORING WELL SAMPLING RECORD will be used to record the following information:

- Sample I.D.
- Duplicate I.D., if applicable
- Date and time sampled.
- Name of sample collector.
- Well designation (State well numbering system for water supply wells, and unique sequential number for other wells).
- Owner's name, or other common designation for water supply wells.
- Well diameter
- Depth to water on day sampled
- Casing volume on day sampled
- Method of purging (bailing, pumping, etc.).
- Amount of water purged.
- Extraordinary circumstances (if any).

- Results of instrument calibration/standardization and field measurements (temperature, pH, specific electrical conductance) and observed relative turbidity.
- Depth from which sample was obtained.
- Number and type of sample container(s).
- Purging pump intake depth.
- Times and volumes corresponding to water quality measurement.
- Purge rate.

2.2 SAMPLE CONTAINERS AND PRESERVATION

Appropriate sample containers and preservatives for the analyses to be performed will be obtained from the subcontracted analytical laboratory. Frequently requested analyses and sample handling requirements are listed in Table 1.

2.3 SAMPLE LABELING

Sample containers will be labeled with self-adhesive tags having the following information written in waterproof ink:

A. Geomatrix
B. Project number.
C. Sample number.
D. Date and time sample was collected.
E. Initials of sample collector.

2.4 QUALITY CONTROL SAMPLES

In order to evaluate the precision and accuracy of analytical data, quality control samples such as duplicates and blanks will be periodically employed. These samples will be collected, or prepared and analyzed by the laboratory, as specified in the project Quality Assurance Project Plan or by the project manager.

2.5 HANDLING, STORAGE, AND TRANSPORTATION

Efforts will be made to handle, store, and transport supplies and samples safely. Exposure to dust, direct sunlight, high temperature, adverse weather conditions, and possible

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contamination will be avoided. Samples will be placed in a clean chest, which contains ice or blue ice if cooling is required, immediately following collection and will be transported to the subcontracted laboratory as soon as possible.

3.0 FIELD MEASUREMENTS

Field measurements of temperature, pH, and specific conductance will be performed on groundwater samples. Data obtained from field water quality measurements will be recorded on the MONITORING WELL SAMPLING RECORD. Field measurements will be made on aliquots of groundwater that will not be submitted for laboratory analysis.

3.1 TEMPERATURE MEASUREMENT

Temperature measurements will be made with a mercury filled thermometer or an electronic thermistor, and all measurements will be recorded in degrees Celsius.

3.2 PH MEASUREMENT

The pH measurement will be made as soon as possible after collection of the sample, generally within a few minutes.

The pH meter will be calibrated at the beginning and once during each sampling day and whenever appropriate in accordance with the equipment manufacturer's specifications as outlined in the instruction manual for the specific pH meter used. Two buffers (either pH-4 and pH-7, or pH-7 and pH-10, whichever most closely bracket the anticipated range of groundwater conditions) will be used for instrument calibration.

3.3 SPECIFIC CONDUCTANCE MEASUREMENT

Specific conductance will be measured by immersing the conductivity probe directly in the water source or into a sample. The probes used should automatically compensate for the temperature of the sample. Measurements will be reported in units of micromhos per centimeter at 25 degrees Celsius.

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The specific conductance meter will be calibrated at the beginning and once during each sampling day in accordance with the equipment manufacturer's specifications as outlined in the instruction manual for the specific conductivity meter used. The conductivity meter will be calibrated with a standardized potassium chloride (KCl) solution.

4.0 DOCUMENTATION

4.1 FIELD DATA SHEETS

A MONITORING WELL SAMPLING RECORD will be used to record the information collected during water quality sampling. Following completion of sampling and review by the project manager or task leader, the original data sheets will be placed in the project file.

4.2 CHAIN-OF-CUSTODY PROCEDURES

After samples have been collected and labeled, they will be maintained under chain-of-custody procedures. These procedures document the transfer of custody of samples from the field to a designated laboratory.

A CHAIN-OF-CUSTODY RECORD will be filled out for each shipment of samples to be sent to the laboratory for analysis. Each sample will be entered on the Chain-of-Custody form after it is collected and labeled. Information contained on the triplicate carbonless form will include the following:

- Name of sampler.
- Date and time sampled.
- Sample I.D.
- Number of sample bottles.
- Sample Matrix (soil, water, or other).
- Analyses required.
- Remarks, including any preservatives, special conditions, or specific quality control measures.
- Turnaround time and person to receive lab report.
- Project number.
- Signatures of all people assuming custody.

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- Signatures of field sampler at top of chain-of-custody.
- Condition of samples when received by lab.

Blank spaces on the CHAIN-OF-CUSTODY RECORD will be crossed out between last sample number listed and signatures at the bottom of the sheet.

The field sampler will sign the and record the time and the date at the time of transfer to the laboratory or to an intermediate person. A set of signatures is required for each relinquished/received transfer including transfer within Geomatrix. The original imprint of the chain-of-custody record will accompany the sample containers. Following review by the project manager or task leader, a duplicate copy will be placed in the project file.

5.0 EQUIPMENT CLEANING

Bailers, sampling pumps, purge pumps, and any other purging or sampling apparatus will be cleaned before and after sampling of each well. Factory new and sealed disposable bailers may be used for sampling, but may not be reused. Thermometers, pH electrodes, and conductivity probes that will be used repeatedly will be cleaned before and after sampling each well and at any time during sampling if the object comes in contact with foreign matter.

Purged waters and solutions resulting from cleaning of purging or sampling equipment will be collected stored for future disposal by the client in accordance with legal requirements. Disposal of purged water will be arranged following receipt of laboratory analyses for groundwater samples.

Cleaning of reusable equipment which is not dedicated to a particular well will consist of the following:

- Bailers - the inside and outside of bailers will be cleaned in a solution of laboratory grade detergent and potable water, followed by a thorough rinse with

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deionized (DI) water. They may also be steam cleaned, followed by a DI rinse. If metals samples are to be collected, the bailer should be rinsed with a pH2 nitric acid solution before the final DI rinse.

- Purge Pumps - All downhole, reusable portions of purge pumps will be steam cleaned on the outside. If the pump does not have a backflow check valve, the inside of the pump and tubing should also be steam cleaned. For purge pump with a backflow check valve, the interior of the pump and tubing may be cleaned by pumping a laboratory-grade detergent and potable water solution through the system followed by a potable water rinse, or by steam-cleaning.

- Water Quality Meters - All meters will be cleaned by rinsing the probe portions in DI water and allowing to air-dry.

- Bailer Tripod - The tripod cable will be steam cleaned or rinsed with DI water.

Sample bottles and bottle caps will be cleaned by the subcontracted laboratory using standard EPA-approved protocols. Sample bottles and bottle caps will be protected from contact with solvents, dust, or other contamination between time of receipt by Geomatrix Consultants and time of actual usage at the sampling site. Sample bottles will not be reused.

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APPENDIX B

BORING LOG AND WELL CONSTRUCTION DETAILS FOR MW-1

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PROJECT: REDTREE-MORGAN HILL Morgan Hill, California	**Log of Well No. MW-1**
BORING LOCATION: 140 San Pedro Avenue	ELEVATION AND DATUM: North Rim PVC casing 338.35'
DRILLING CONTRACTOR: Gregg Drilling	DATE STARTED: 4/29/92 / DATE FINISHED: 4/30/92
DRILLING METHOD: Hollow stem auger	TOTAL DEPTH: 76' / SCREEN INTERVAL: 55'-75'
DRILLING EQUIPMENT: Mobile B-61	DEPTH TO WATER ATD: ~52' after 16 hours / CASING: 2" PVC
SAMPLING METHOD: 5' continuous core, modified California drive sampler	LOGGED BY: M.R. Keim/Y.G. Pierce
HAMMER WEIGHT: 140 lbs. / DROP: 30"	RESPONSIBLE PROFESSIONAL: Nancy Bice / REG. NO. CEG #1259

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	DESCRIPTION NAME (USCS Symbol): color, moist, % by wt., plast., density, structure, cementation, n.o.r., w/HCl, gas, etc. Surface Elevation:	TEST RESULTS	WELL CONSTRUCTION DETAILS
1				CLAYEY SAND FILL (SC) Dark brown (10YR 3/3), moist, 60% fine to coarse subrounded sand, 25% fine to coarse gravels, ~15% clay and silt		Traffic-rated Christy Box Locking water-tight cap
2						
3						2" PVC blank casing
4						
5						14" borehole
6						
7						
8						Cement/bentonite grout
9						
10				CLAYEY SAND (SC) Dark yellowish brown (10YR 3/4) moist, 40-70% fine to coarse subrounded to angular sand, 25-45% clay and silt, 15% fine to medium subrounded gravels, gravels are weathered		
11						
12						
13						
14						

W-1-68Modified

Geomatrix Consultants	Project No. 1949.01	Figure 8

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PROJECT: REDTREE-MORGAN HILL
Morgan Hill, California

Log of Well No. MW-1 (cont'd.)

DEPTH (feet)	SAMPLES: Sample No	SAMPLES: Sample	SAMPLES: Blows/Foot	DESCRIPTION (NAME (USCS Symbol): color, moist, % by wt., plast., density, structure, consolidation, react. w/HCl, gas, odor)	TEST RESULTS	WELL CONSTRUCTION DETAILS
				CLAYEY SAND (SC) (Continued)		14" borehole
15	MW-1-15		41			8.5" borehole
16						
17						
18						
19						
20	MW-1-20		39			2" PVC blank casing
21						
22						
23						
24						
25	MW-1-25		46			Cement/bentonite grout
26						
27				Increasing moisture in clays; some of the gravels are very weathered and crumbly; occasional pieces of burnt wood/charcoal		
28						
29						
30	MW-1-30		39			
31						

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10-2-98/Modified

Geomatrix Consultants | Project No. 1949.01 | Figure 6

PROJECT: REDTREE–MORGAN HILL
Morgan Hill, California

Log of Well No. MW-1 (cont'd.)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	DESCRIPTION (NAME (USCS Symbol): color, moist, % by wt., plast., density, structure, consistence, react. w/HCl, geol. inter.)	TEST RESULTS	WELL CONSTRUCTION DETAILS
32				CLAY (CL) Dark yellowish brown (10YR 4/4), mottled, moist, ~90% clay and silt, ~10% fine to medium sand, firm, low plasticity		6.5" borehole
33						
34						
35	MW-1-35		20			
36				SILT (ML) Dark yellowish brown (10YR 4/4), mottled, moist, ~95% silt and clay, ~5% fine sand, firm		2" PVC blank casing
37						
38						
39						
40	MW-1-40		25	CLAYEY SAND (SC) Dark yellowish brown (10YR 3/6), moist, 40-60% fine to coarse sand, 15-30% clay and silt, 15-25% fine to coarse gravel up to 3"		Cement/bentonite grout
41						
42						
43						
44						
45	MW-1-45		37	Increasing moisture in clays		
46						
47						
48						

W-2-88/Modified

Geometrix Consultants | Project No. 1949.01 | Figure 8

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PROJECT: REDTREE–MORGAN HILL
Morgan Hill, California

Log of Well No. MW-1 (cont'd.)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	DESCRIPTION (NAME (USCS Symbol): color, moist, % by wt., plast., density, struct., consistency, react. with HCl, geol. infer.)	TEST RESULTS	WELL CONSTRUCTION DETAILS
				CLAYEY SAND (SC) (continued)		
49				Zone of 60-70% fine to medium sand, 30-40% clay and silt		
50				SILT (ML)		
51	MW 1-50		22	Yellowish brown (10 YR 5/8), moist, 90-95% silt and clay, <5% fine to medium sand, soft		
52						
53						
54						
55						
56	MW 1-55		12	Increase of fine to medium sand to ~10-15%		
57						
58						
59						
60						
61	MW 1-60		27			
62						
63						
64						
65						

WELL CONSTRUCTION DETAILS (figure):
- 8.5" bore hole
- Cement/bentonite grout
- Lonestar 40/30 sand
- 2" PVC blank casing
- Lonestar #2/16 sand
- 2" PVC screen, 0.01" slot size

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Geomatrix Consultants | Project No. 1949.01 | Fig. No. 8

National Flood Hazard Layer FIRMette

FEMA

Feet 1:6,000

0 250 500 1,000 1,500 2,000

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- B 20.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
- 8 Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/13/2019 at 2:51:25 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Federal Emergency Management Agency
Community Status Book Report
CALIFORNIA
Communities Participating in the National Flood Program

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal
060428#	MARYSVILLE, CITY OF	YUBA COUNTY	11/02/73	01/19/78	02/18/11	01/19/78	No
060651#	MAYWOOD, CITY OF	LOS ANGELES COUNTY		09/26/08	(NSFHA)	04/30/82	No
060080#	MCFARLAND, CITY OF	KERN COUNTY	06/28/74	09/29/86	09/26/08	09/29/86	No
060183B	MENDOCINO COUNTY *	MENDOCINO COUNTY	01/03/74	06/01/83	07/18/17	06/01/83	No
060051#	MENDOTA, CITY OF	FRESNO COUNTY	12/19/75	09/27/91	02/18/09	09/01/81	No
060176D	MENIFEE, CITY OF	RIVERSIDE COUNTY		08/28/08	04/19/17	05/03/12	No
060321D	MENLO PARK, CITY OF	SAN MATEO COUNTY	06/14/74	02/04/81	04/05/19	02/04/81	No
060188#	MERCED COUNTY *	MERCED COUNTY	08/23/74	01/03/79	12/02/08	01/03/79	No
060191#	MERCED, CITY OF	MERCED COUNTY	07/19/74	07/16/79	12/02/08	07/16/79	No
060177D	MILL VALLEY, CITY OF	MARIN COUNTY	06/07/74	01/03/79	08/15/17	01/03/79	No
065045D	MILLBRAE, CITY OF	SAN MATEO COUNTY	07/19/74	09/30/81	04/05/19	09/30/81	No
060344#	MILPITAS, CITY OF	SANTA CLARA COUNTY	03/22/74	07/16/80	02/19/14	07/16/80	No
060735#	MISSION VIEJO, CITY OF	ORANGE COUNTY		09/15/89	12/03/09	09/26/89	No
060387#	MODESTO, CITY OF	STANISLAUS COUNTY	07/19/74	08/15/80	09/26/08	08/15/80	No
060192B	MODOC COUNTY *	MODOC COUNTY	01/24/75	09/24/84	12/02/15	09/24/84	No
060194#	MONO COUNTY *	MONO COUNTY	08/16/74	08/19/85	12/18/12	08/19/85	No
065046#	MONROVIA, CITY OF	LOS ANGELES COUNTY	04/23/76	09/26/08	(NSFHA)	09/07/84	No
060451#	MONTAGUE,CITY OF	SISKIYOU COUNTY	03/26/76	09/17/80	01/19/11	06/27/83	No
060276#	MONTCLAIR, CITY OF	SAN BERNARDINO COUNTY	04/08/74	03/18/96	08/28/08	08/23/82	No
060345#	MONTE SERENO, CITY OF	SANTA CLARA COUNTY	03/07/75	05/18/09	02/19/14	01/03/79	No
060141#	MONTEBELLO, CITY OF	LOS ANGELES COUNTY	06/28/74	03/18/80	(NSFHA)	03/18/80	No
060195B	MONTEREY COUNTY *	MONTEREY COUNTY	02/21/78	01/30/84	06/21/17	01/30/84	No
065047#	MONTEREY PARK, CITY OF	LOS ANGELES COUNTY	04/20/72	09/26/08	(NSFHA)	11/30/79	No
060200B	MONTEREY, CITY OF	MONTEREY COUNTY	10/18/74	07/02/81	06/21/17	07/02/81	No
060712#	MOORPARK, CITY OF	VENTURA COUNTY		09/29/86	01/20/10	09/29/86	No
060637#	MORAGA, TOWN OF	CONTRA COSTA COUNTY	11/19/76	05/19/81	06/16/09	05/19/81	No
065074#	MORENO VALLEY, CITY OF	RIVERSIDE COUNTY		06/18/87	08/18/14	06/18/87	No
060346#	MORGAN HILL, CITY OF	SANTA CLARA COUNTY	05/31/74	06/18/80	05/18/09	06/18/80	No
060307C	MORRO BAY, CITY OF	SAN LUIS OBISPO COUNTY	05/31/74	12/18/79	05/16/17	12/18/79	No
060347#	MOUNTAIN VIEW, CITY OF	SANTA CLARA COUNTY	06/14/74	08/15/80	05/18/09	08/15/80	No
060751#	MURRIETA, CITY OF	RIVERSIDE COUNTY		04/15/80	08/28/08	06/09/93	No
060205C	NAPA COUNTY *	NAPA COUNTY	01/29/71	02/01/80	08/03/16	02/01/80	No
060207C	NAPA, CITY OF	NAPA COUNTY	03/22/74	09/05/79	08/03/16	09/05/79	No
060293#	NATIONAL CITY, CITY OF	SAN DIEGO COUNTY	03/22/74	02/15/79	05/16/12	02/15/79	No
060277E	NEEDLES, CITY OF	SAN BERNARDINO COUNTY	06/14/74	07/16/79	09/02/16	07/16/79	No
060453#	NEVADA CITY, CITY OF	NEVADA COUNTY		02/03/10	02/03/10(M)	02/03/10	No
060210#	NEVADA COUNTY*	NEVADA COUNTY	09/06/77	01/19/83	02/03/10	01/19/83	No
060009#	NEWARK, CITY OF	ALAMEDA COUNTY	02/22/74	12/01/78	08/03/09	12/01/78	No
060388#	NEWMAN, CITY OF	STANISLAUS COUNTY	02/07/75	09/29/78	09/26/08	09/29/78	No
060227C	NEWPORT BEACH, CITY OF	ORANGE COUNTY	03/15/74	09/01/78	03/21/19	09/01/78	No
060256#	NORCO, CITY OF	RIVERSIDE COUNTY	05/17/74	02/15/79	08/28/08	02/15/79	No
060652#	NORWALK, CITY OF	LOS ANGELES COUNTY		09/26/08	09/26/08(M)	02/19/79	No
060178D	NOVATO, CITY OF	MARIN COUNTY	06/28/74	01/19/78	03/16/16	01/19/78	No
060389#	OAKDALE, CITY OF	STANISLAUS COUNTY	06/07/74	09/05/79	09/26/08	09/05/79	No
065048B	OAKLAND, CITY OF	ALAMEDA COUNTY	01/03/75	09/30/82	12/21/18	09/30/82	No
060766C	OAKLEY, CITY OF	CONTRA COSTA COUNTY	11/01/74	07/16/87	03/21/17	10/30/00	No
060294#	OCEANSIDE, CITY OF	SAN DIEGO COUNTY	05/10/74	09/05/84	05/16/12	09/05/84	No
060416#	OJAI, CITY OF	VENTURA COUNTY	05/03/74	10/17/78	09/26/14	10/17/78	No
060278E	ONTARIO, CITY OF	SAN BERNARDINO COUNTY	08/09/74	12/02/80	09/02/16	12/02/80	No
060212C	ORANGE COUNTY *	ORANGE COUNTY	01/10/75	09/14/79	03/21/19	09/14/79	No
060052#	ORANGE COVE, CITY OF	FRESNO COUNTY	05/10/74	09/30/83	02/18/09	09/30/83	No
060228#	ORANGE, CITY OF	ORANGE COUNTY	03/28/78	09/30/82	12/03/09	05/01/87	No

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Wetlands

August 13, 2019

1:9,028

0 0.075 0.15 0.3 mi

0 0.1 0.2 0.4 km

Project 4

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov

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EPA OEI, OFA

CALIFORNIA - EPA Map of Radon Zones

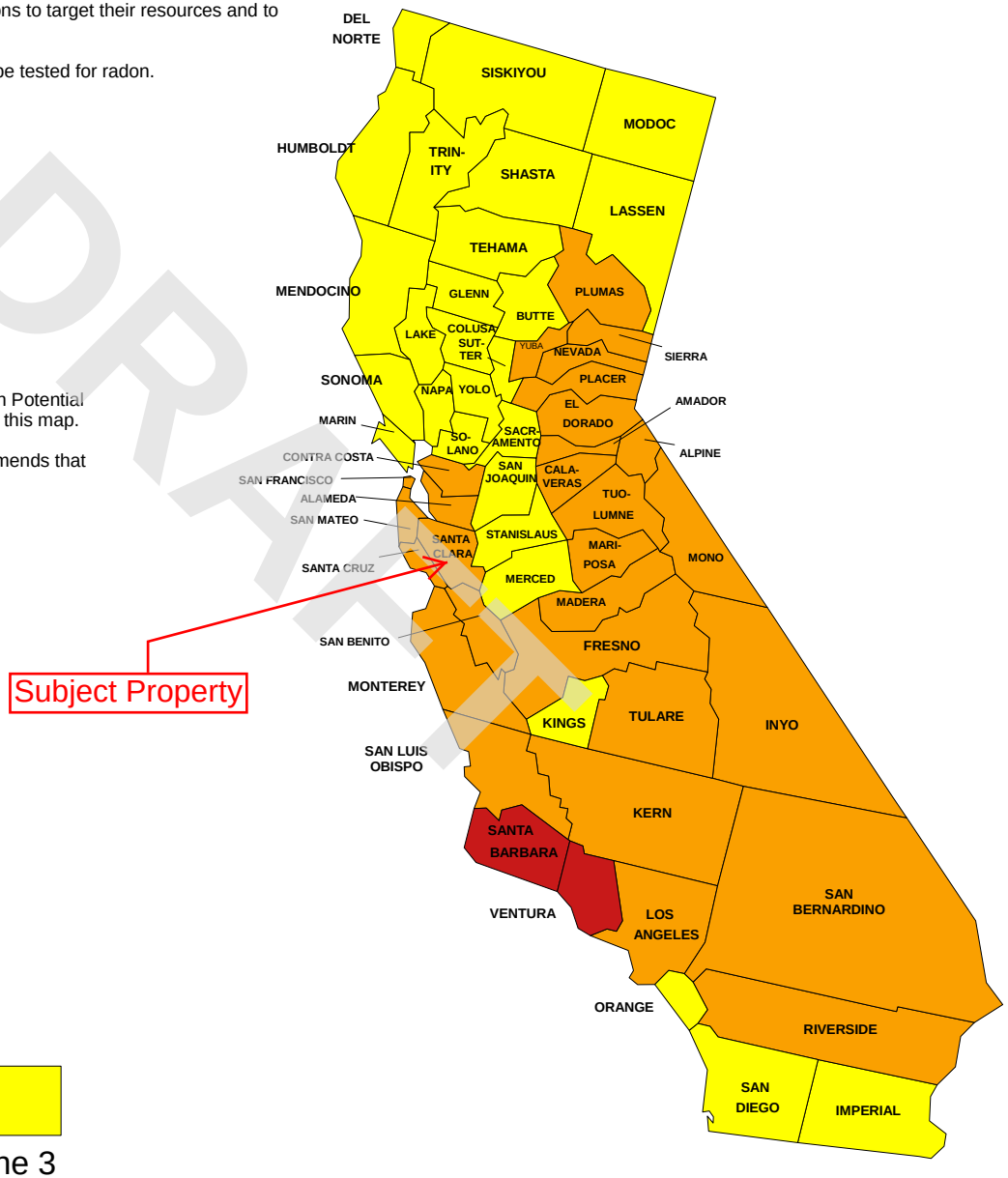
http://www.epa.gov/radon/zonemap.html

The purpose of this map is to assist National, State and local organizations to target their resources and to implement radon-resistant building codes.

This map is not intended to determine if a home in a given zone should be tested for radon. Homes with elevated levels of radon have been found in all three zones.

All homes should be tested, regardless of zone designation.

IMPORTANT: Consult the publication entitled "Preliminary Geologic Radon Potential Assessment of California" (USGS Open-file Report 93-292-I) before using this map. See http://energy.cr.usgs.gov/radon/grpinfo.html This document contains information on radon potential variations within counties. EPA also recommends that this map be supplemented with any available local data in order to further understand and predict the radon potential of a specific area.



Zone 1 Zone 2 Zone 3

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95037	35	2	5.7%	33.4
95038	2	0		0.8
95039	1	0		0.5
95045	3	1	33.3%	4.6
95046	7	2	28.6%	737.5
95050	40	6	15.0%	9.8
95051	63	0		3.3
95054	16	1	6.3%	4.3
95056	14	0		1.2
95060	538	39	7.2%	25.5
95061	2	0		0.7
95062	268	3	1.1%	10.8
Zip Code	**Number of Tests Reported to CDPH**	**Number of Tests at or ≥ 4pCi/L**	**Percent of Tests ≥ 4pCi/L**	**Max. Result (pCi/L)**
95063	4	0		2
95064	19	2	10.5%	16.1
95065	104	3	2.9%	8.4
95066	165	21	12.7%	31.5
95067	5	0		1.2
95070	108	12	11.1%	7.2
95071	1	0		2.3
95073	104	4	3.8%	7.7
95075	1	0		1.8
95076	230	1	0.4%	8.7
95108	2	0		0
95110	10	1	10.0%	4.4
95111	9	0		2
95112	31	1	3.2%	12.7
95113	6	0		0.8

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APPENDIX G

QUALIFICATIONS

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Megan Nolet – Project Manager, Due Diligence

BA- Environmental Studies, Brown University, Providence, RI

Ms. Nolet provides project management to ensure ASTM compliance and satisfaction of client requirements for Phase I Environmental Assessments, Environmental Transaction Screens, Regulatory Database Review, and Historical Records Review.

Project experience for Ms. Nolet includes:

- Phase I Environmental Site Assessments (PHI ESA)
- Environmental Transaction Screens (ETS)
- Regulatory Database Review
- Historical Records Review

In addition, prior to joining the environmental consulting industry, Ms. Nolet spent four years studying a diverse range of environmental disciplines including: environmental health, coastal ecology and conservation, environmental statistics, ecology, conservation biology, environmental law and policy, and science communications.

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Taylor Wiseman ☐Associate Consultant

Education:
Bachelor of Arts, Biology and Economics, University of Virginia (2003)
Training/Licenses/Registrations:
Screening for Potential Vapor Intrusion Problems under the ASTM E 2600 Standard
HUD Multi-Family Accelerated Processing (MAP) Training
EPA/AHERA Asbestos Inspector License #3303-003553
EPA Lead Inspector License #3355-000695, RMD LPA-1 Lead Paint Inspection System
Summary of Professional Experience:
Mr. Wiseman has been inspecting and managing due diligence projects in connection with commercial properties since 2005. He has served as a project manager, revisions manager, report reviewer and Environmental Team Leader. He has conducted and reviewed hundreds of Phase I Environmental Site Assessments (ESAs) under ASTM E1527, HUD MAP and LEAN, multiple state protocols, Freddie Mac, Fannie Mae, and HUD RAD. Mr. Wiseman has assessed an array of property types, including retail structures, undeveloped land, office buildings, multi-unit residential properties, schools, hotels, nursing homes, high-rise buildings, as well as warehouse and industrial properties. He has completed assessments for private individuals, banks, and engineering and consulting firms.
Select project experience for Mr. Wiseman includes:
HUD MAP 221(d)(4) NC
- Proposed, 2001 East Broad Street, Richmond, VA
- Proposed, Wood Valley Apartments, Fayetteville, NC

MAP 223(f)
- The Woods of Britton Apartment Homes, Fishers, IN
- Yahara Landing Apartments, Madison, WI

HUD LEAN 232/223(f)
- Golden Living Center, Windermere, Clinton, TN
- Golden Living Center, Arab, Arab, AL

HUD MAP 202
- Proposed, Checed Creek Apartments, Newport News, VA

VAHUD LEAN 241
- Towne Center Community Campus, Avon Lake, OH

HUD MAP 232/223(f)
- Woodysun HDFC, Woodside, NY
- Monona Meadows, Monona, WI

ASTM 1527-05
- Cedar Run Subdivision, Henrico County, VA
- Tucker House Nursing Home, Philadelphia, PA

HUD MAP 221 (d)(4) SR
- Laco Towne Club Apartments, Indianapolis, IN
- Campus Apartments, Indianapolis, IN

FREDDIE MAC
- Proposed, Sabal Ridge Apartments, Tampa, FL

FANNIE MAE
- Greenville House, Greenville, PA
- University Commons Apartments, Laurel, MS

OHFA/HUD MAP 221d(4)SR
- Dublin House, Middletown, OH

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Shelley S. Malone, M.S. – Client Manager, Due Diligence

M.S., Environmental and Earth Science, University of Texas at Arlington
B.S., Biology, Minor in Business Administration, University of Texas at Arlington
Leadership in Energy and Environmental Design (LEED®) Green Associate
Certified Mold Assessment Consultant

Ms. Malone has worked in the environmental consulting field since 2011 and provides environmental project management, consulting, and due diligence services to ensure ASTM compliance and satisfaction of client requirements for Phase I Environmental Site Assessments (ESAs), Environmental Transaction Screens (ETS), Limited Environmental Assessments (LESA), Regulatory Database Reviews, and Peer Reviews for large and small scale industrial, commercial, multi-tenant residential, and rural properties. Ms. Malone is familiar with all aspects of Due Diligence Property Assessments and the requirements of many reporting standards, including ASTM, AAI, SBA, HUD, Freddie Mac, and other client-specific formats.

Project experience for Ms. Malone includes:

- Environmental Transaction Screens, Limited Environmental Site Assessments, and Phase I Environmental Site Assessments;
- Field inspections, investigative research, city, county, state and federal research, and interpretation of numerous state-driven environmental programs;
- Phase II Environmental Site Assessments and Limited Subsurface Investigations including groundwater and soil sampling activities, collection of field samples, analyzing environmental data, and preparation of technical reports and figures;
- Research and reporting of various closure and compliance services, such as Spill Prevention Control/Countermeasures Plans (SPCC), Risk Assessment Reports, Municipal Settings Designations (MSD), and Noise Assessment Reports.

As a client manager, Ms. Malone provides Senior Author services and client management. Additional responsibilities include managing projects and staff mentorship.

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Staige Miller – Director of Environmental Services - HUD

Education:

MPA – Master of Public Administration, Virginia Commonwealth University
B.S. – Environmental Policy & Planning and Political Science, Virginia Polytechnic Institute & State University

Training/Licenses:

HUD Environmental Review Training
HUD Multifamily Accelerated Processing (MAP)/LEAN Section 232 Underwriter Training
AHERA Accredited and Virginia Licensed Asbestos Inspector #3303-002751
ITRC Vapor Intrusion Pathway: A Practical Guideline (2-day Training)
ASTM E 2600 Vapor Encroachment Online Course – commonground University
Building Performance Institute – Training Services

Experience:

Ms. Miller has worked exclusively in the niche HUD real estate due diligence consulting industry since 2000 coinciding with the original publication of the HUD MAP Guide. She specializes in providing HUD environmental deliverables and has performed and directed thousands of Phase I and II Environmental Site Assessments, Asbestos, Lead-Based Paint and Radon assessments, noise assessments, 8-Step Decision-Making Processes, and Environmental Review Records for the Related Federal Laws and Authorities for HUD MAP, HUD LEAN, and Public Housing Authority clients. Ms. Miller has expert knowledge of HUD's MAP and LEAN Guidelines and reporting platforms. In addition, she has extensive experience documenting National Environmental Policy Act (NEPA) compliance for various federal, state and local agencies.

As Director of Environmental Services - HUD, Ms. Miller is responsible for providing direction for the development of HUD Environmental Services throughout AEI. Day to day responsibilities include, creating organizational process assets, training internal and external stakeholders, identifying and understanding industry guidelines for HUD Environmental Services, senior reviewing, project oversight, business development and client management.

Ms. Miller's HUD industry experience includes:

- Client/Agency liaison to provide technical guidance on regulations and to ensure the successful completion of the Environmental Review process.
- Client training and speaking engagements to inform and educate clients regarding HUD environmental due diligence and emerging topics. Ms. Miller's speaking engagements have included presentations to the various HUD lender associations and client-specific training sessions. Ms. Miller is also the Environmental Instructor for the Mortgage Bankers Association (MBA) FHA Multifamily Underwriter Training Program.

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APPENDIX H

LIST OF COMMONLY USED ABBREVIATIONS

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UNITS

µg/L	Micrograms per Liter	**pCi/L**	PicoCuries per Liter
mg/kg	Milligrams per Kilogram	**ppb**	Parts per Billion
mg/L	Milligrams per Liter	**ppm**	Parts per Million

ABBREVIATIONS AND ACRONYMS

ACM	Asbestos-Containing Material	**NESHAP**	National Emission Standards for Hazardous Air Pollutants
ADJ	Adjacent site	**NFA**	No Further Action
AEI	AEI Consultants	**NFRAP**	No Further Remedial Action Planned
AHERA	Asbestos Hazard Emergency Response Act	**NLR**	No Longer Reporting
APN	Assessor's Parcel Number	**NOV**	Notice of Violation
AST	Aboveground Storage Tank	**NPL**	National Priorities List
AUL	Activity and Use Limitation	**O&M**	Operations and Maintenance
bgs	Below Ground Surface	**OEC**	Other Environmental Considerations
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes	**OSHA**	Occupational Safety and Health Administration
CERCLA	Comprehensive Environmental Response Compensation and Liability Act	**PCB**	Polychlorinated Biphenyl
CERCLIS	Comprehensive Environmental Response Compensation and Liability Information System	**PCE, PERC**	Perchloroethylene, Tetrachloroethylene, Tetrachloroethene
CESQGs	Conditionally Exempt Small Quantity Generators	**RCRA**	Resource Conservation and Recovery Act
COC	Contaminant of Concern	**REC**	Recognized Environmental Condition
CREC	Controlled Recognized Environmental Condition	**RP**	Responsible Party
EC	Engineering Controls	**SDS**	Safety Data Sheet
EDR	Environmental Data Resources, Inc.	**SEMS**	Superfund Enterprise Management System
EPA	Environmental Protection Agency	**SF**	Square Footage/Square Feet
ERIS	Environmental Risk Information Services	**SP**	Subject Property
ERNS	Emergency Response Notification System	**SQG**	Small Quantity Generator
ESA	Environmental Site Assessment	**SWLF**	Solid Waste Landfill
GPR	Ground-Penetrating Radar	**SVOC**	Semi-Volatile Organic Compound
HREC	Historical Recognized Environmental Condition	**TCE**	Trichloroethylene, Trichloroethene
HVAC	Heating, Ventilation and Air Conditioning	**TPH**	Total Petroleum Hydrocarbons
HWS	Hazardous Waste Site	**TPHd**	Total Petroleum Hydrocarbons (diesel range)
IC	Institutional Controls	**TPHg**	Total Petroleum Hydrocarbons (gasoline range)
LBP	Lead-Based Paint	**TPHo**	Total Petroleum Hydrocarbons (oil range)
LCP	Lead-Containing Paint	**TRPH**	Total Recoverable Petroleum Hydrocarbons
LLP	Landowner Liability Protection	**TSDF**	Treatment, Storage, and Disposal Facility
LQG	Large Quantity Generator	**USDA**	United States Department of Agriculture
LUST	Leaking Underground Storage Tank	**USGS**	United States Geological Survey
MCL	Maximum Contaminant Level	**UST**	Underground Storage Tank
MTBE	Methyl Tertiary Butyl Ether	**VCP**	Voluntary Cleanup Program
ND	None Detected	**VOC**	Volatile Organic Compound

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Appendix F

FEMA Hydraulic Impact Study

Geosphere Consultants, Inc.
Geotechnical Engineering • Engineering Geology
Environmental Management • Water Resources
— AN ATLAS COMPANY —

September 20, 2019

Sunnyvale Life, Inc.
1680 S. Roberto Maestas Festival Street
Seattle, Washington 98144

Attention: Ms. Lucy Zappone

Subject: **FEMA Hydraulic Impact Study**
New Morgan Hill Senior Housing Development
Monterrey Road & San Pedro Avenue
Morgan Hill, California 95037
Geosphere Project No. 91-04677-B

Dear Ms. Zappone:

Pursuant to your request, **Geosphere Consultants, Inc. (Geosphere)** through subconsultant Schaaf & Wheeler Consulting Civil Engineer, performed a FEMA Hydraulic Impact study for the subject parcel. The work was performed in accordance with the applicable scope of work outlined in our approved proposal for Geotechnical and FEMA Flood Studies to you dated June 4, 2019. This assessment revealed that the hydraulic impact to be within the City's requirements and expects an increase of no more than 0.1 feet in the 100-yr water surface elevation on West Little Llagas Creek from the proposed Morgan Hill Senior Housing Project.

We greatly appreciate the opportunity to provide this report to Sunnyvale Life, Inc. If you have any questions regarding this report, please contact the undersigned directly at mzea@geosphereinc.net or 925-314-7173.

Sincerely,
GEOSPHERE CONSULTANTS, INC.

Manuel E. Zea, PE
Senior Project Manager

Attachment: Morgan Hill Senior Housing Project Hydraulic Impact Study dated September 18, 2019.

Distribution: PDF to Addressee; lucyz@beacondevgroup.com

MEZ/CTD:pmf

Morgan Hill Senior Housing Project
Hydraulic Impact Study

Schaaf & Wheeler
CONSULTING CIVIL ENGINEERS

870 Market Street, Suite 1278
San Francisco, CA 94102-2906
P: 415-433-4848
F: 415-433-1029
swsf@swsv.com

MEMORANDUM

TO:	Yvonne Arroyo	DATE:	September 18, 2019
FROM:	Katie Hogan, CFM Caitlin Gilmore, PE Darshan Baral, PhD	JOB #:	GEOS.01.19
SUBJECT:	Morgan Hill Senior Housing Project Hydraulic Impact Study		

Introduction and purpose

Schaaf & Wheeler has been contracted by Geosphere Consultants to evaluate potential impacts to the Federal Emergency Management Agency (FEMA) 100-year water surface elevations (WSEL) in West Little Llagas Creek from the proposed development of the Morgan Hill Senior Housing Project. The project site is located at Church Street, Monterey Road, and San Pedro Avenue in Morgan Hill, California (Figure 1) and involves grading and fill as well as building construction.

A portion of the proposed project site, near the intersection of Monterey Road and San Pedro Avenue, is located in a FEMA Zone AE flood hazard. The Zone AE is defined by FEMA as the "areas subject to inundation by the 1-percent-annual-chance flood event determined by detailed methods." The project site is located in the Zone AE with regulatory 100-year base flood elevations (BFE) between 335-feet upstream of Mathilda Avenue and 339-feet downstream of Spring Avenue (NAVD 88).

The City of Morgan Hill may allow cumulative impacts of up to 1-feet as a result of proposed and other existing developments[1]. The floodplain conditions along West Little Llagas Creek near the project site were analyzed to determine the potential impacts of development.

Hydraulic Models

Effective Model

The HEC-2 *Effective Model* (5012013) was used to develop the duplicate effective model in HEC-RAS. The U.S. Army Corps of Engineers (USACE) Hydrologic Engineering Center's River Analysis System (HEC-RAS) computer program supersedes its HEC-2. The HEC-2 effective model file was obtained from the Santa Clara Valley Water District's website[2].

The effective model from the Santa Clara Valley Water District uses the NGVD 29 datum. The hydraulic model was kept in the original datum, but results have been converted to NAVD 88 datum for comparison to the FEMA Federal Insurance Rate Map (FIRM). Unless specifically stated otherwise, elevations presented in this report are in NAVD 88 datum. The following conversion was used to convert the vertical datum from NGVD to NAVD:

$$NAVD = NGVD + 2.85\ feet$$

[1]https://library.municode.com/ca/morgan_hill/codes/code_of_ordinances?nodeId=TIT15BUCO_CH15.80FLDAPR_15.80.050DE
[2]http://www.valleywater.org/Services/Hec_data_library_download.aspx

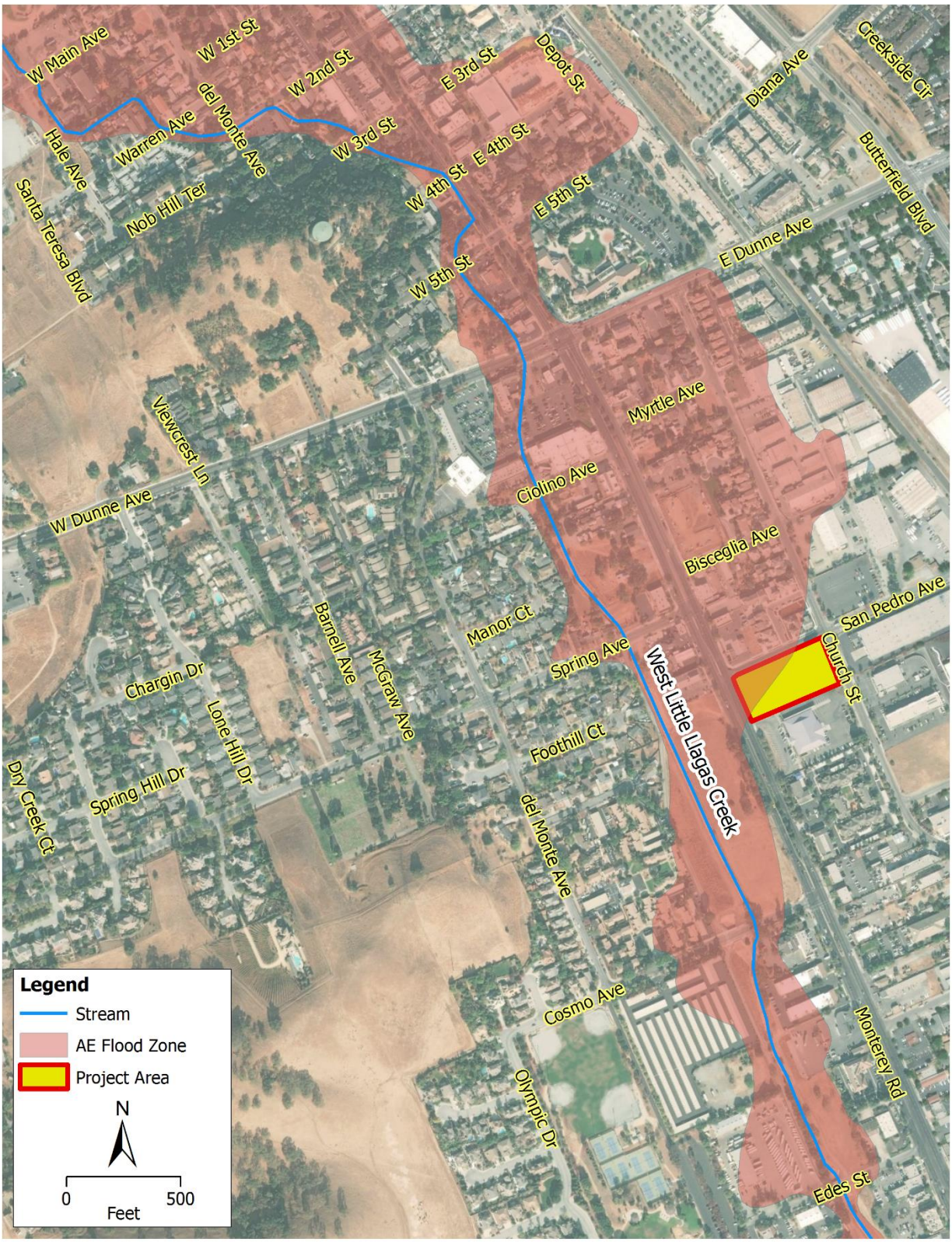

Figure 1: Morgan Hill Senior Housing Project Site Location

Duplicate Effective Model

The *Duplicate Effective Model* was created by importing HEC-2 geometry, flows, and boundary conditions into HEC-RAS 5.0.7. The bridge deck widths were adjusted so that the model would fully compute. The downstream end of the model ties in downstream of Edes Street (XS-338) using a known water surface elevation boundary condition of 331.88-feet (NAVD88). The upstream end of the model ties in upstream of 1st Avenue (XS 430) at 348.68-feet (NAVD 88) per the effective FIS. Refer to the profile panels 163P (Revised to reflect LOMR 10/02/2015) for effective water surface elevations. Figure 2 shows the hydraulic workmap depicting model cross sections, FEMA BFEs, and FEMA flood zones.

The water surface elevation upstream of 4th Street does not match between the Duplicate Effective HECRAS model and effective HEC 2 model, nor is it close to the BFE (XS 394). This discrepancy was identified in the Sunsweet Study completed in May 2015 by Schaaf & Wheeler at the 4th Street bridge crossing. The duplicate effective model was therefore updated using the 1988 HEC-2 model from FEMA to better represent the 4th Street culvert. The Morgan Hill Senior Housing project site is located downstream of this culvert, so this change only makes a difference for tie-in purposes. The Duplicate Effective model was therefore updated to include the corrected 4th Street Culvert deck to mimic the FEMA effective BFEs. The Sunsweet Study is included as an attachment to this memo.

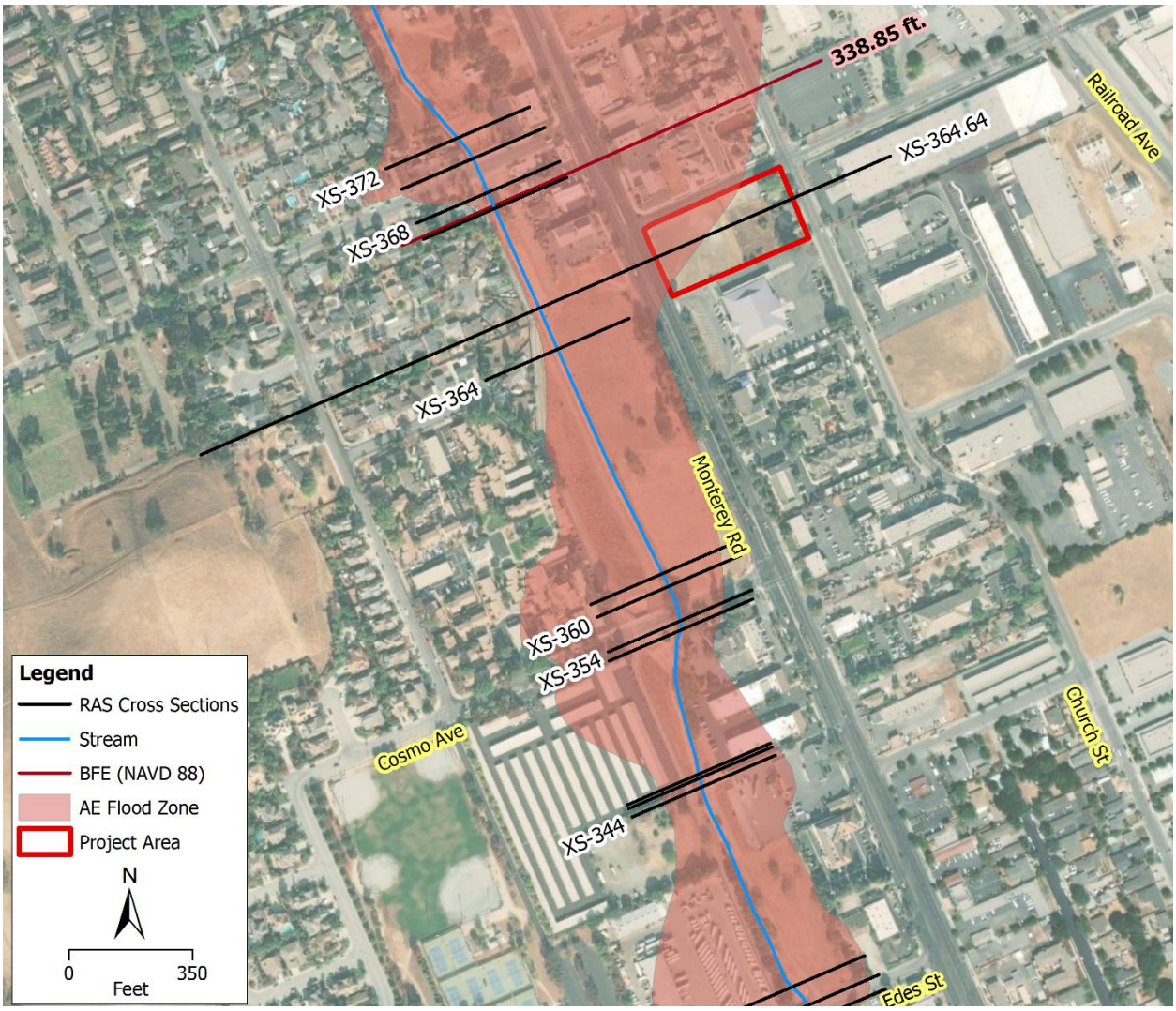

Figure 2: Hydraulic Workmap

Corrected Effective Model (Pre-Project)

Effective cross sections located near the site do not represent the topography in the left overbank near the project site. A cross section was added at station 364.64 to represent the project area. The data for the XS 363.64 was obtained from the Santa Clara Contours[3]. The twin pipe culvert under Cosmo Avenue (XS 357) was modeled as a bridge in HEC-2 and the *Duplicate Effective Model.* It was modified in the corrected effective model to be a culvert as indicated in the HEC-2 model notes. This model is considered the *Corrected Effective Model*, which the *Post-Project Model* and *Cumulative Developments Model* will be compared against. The cross section at the project site from the corrected effective model is presented in Figure 3.

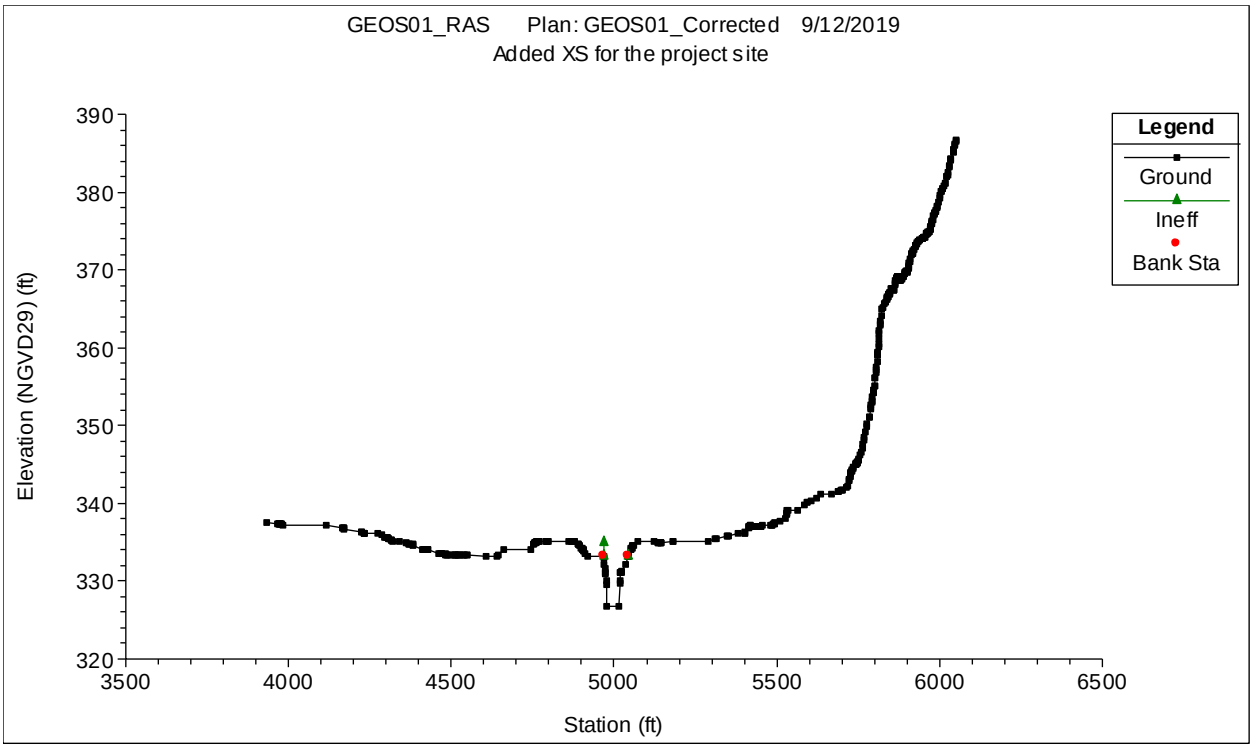

Figure 3: Cross section (XS 364.64) at project site in Corrected Effective Model

Post-Project Model

The *Corrected Effective Model* of West Little Llagas Creek was utilized to determine the hydraulic impacts of the proposed grading and building for the Morgan Hill Senior Housing project. The model was modified by adding a blocked obstruction in the left overbank of XS 364.64. This model is considered the *Post-Project Model*. Preliminary site plans are included as an attachment to this memorandum. The cross section at the project site from the post-project model is presented in Figure 4. The figure shows that the proposed site is also located within the ineffective area of the cross section.

[3] http://gis.valleywater.org/Download/LIDAR/

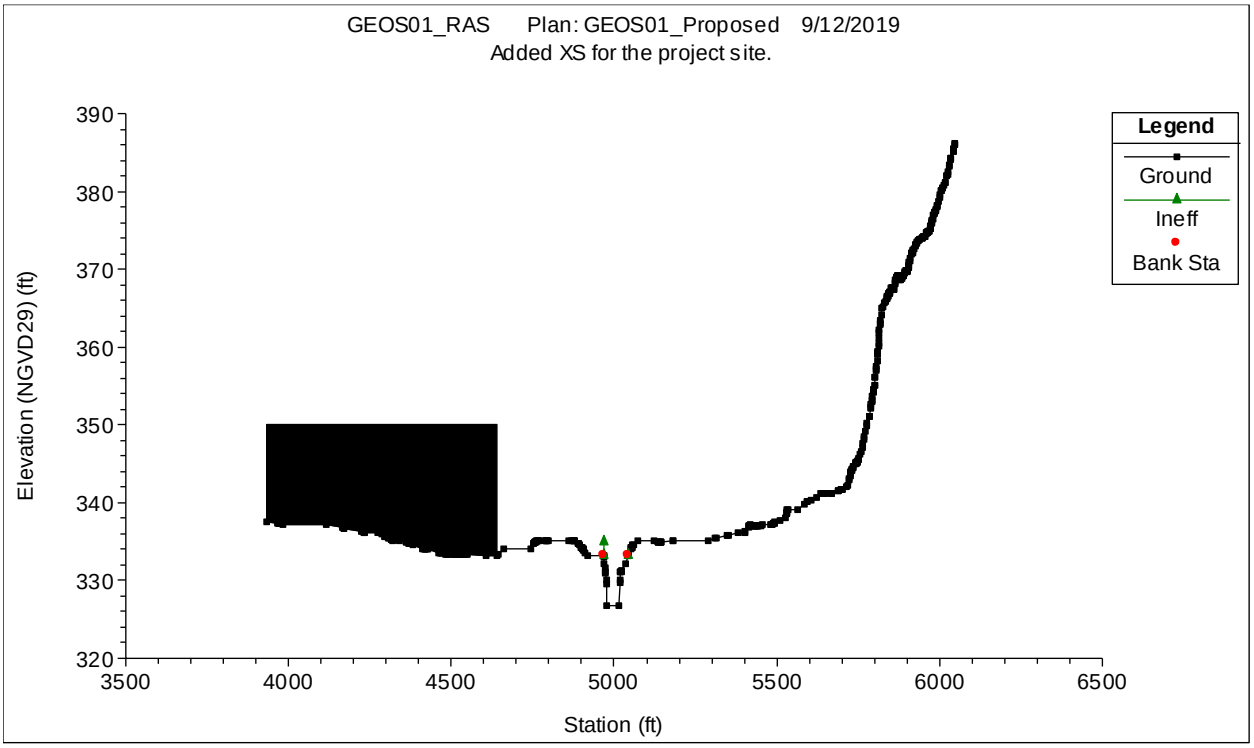

Figure 4: Cross section (XS 364.64) at project site in Post-Project Model

Cumulative Developments Model

Furthermore, the cumulative impacts of other developments upstream of the project site not reflected in the effective model were also investigated. This analysis included adding in the developments from Sunsweet Property and Hale Lumber Project upstream of the Morgan Hill Senior Housing Project site (Figure 5). These developments were modeled as blocked obstructions.

Results

The predicted 100-year WSEL for the effective HEC-2, duplicate effective, corrected effective, post-project, and cumulative developments models are presented in Table 1, and a comparison of the predicted 100-year WSEL is presented in Table 2.

The maximum difference between the WSEL from Duplicate Effective Model and WSELs from HEC-2 model is approximately 0.5-feet. However, in the vicinity of the Morgan Hill Senior Housing Project, both models predicted similar WSEL and the difference is approximately 0.2-feet. The differences in predicted WSEL between the models is due to the improved and more modern computational procedures employed by HEC-RAS that are not available in HEC-2. The computational differences in conveyance, bridge and culvert hydraulics, critical depth, and tolerances between HEC-RAS and HEC-2 will create small discrepancies in the model results.

The Corrected Effective Model and Duplicate Effective Model have very similar WSELs except around XS 357. The difference is approximately 1.12 feet and s due to the different modeling approaches at Cosmo Avenue (XS 357). The double barrel pipe culvert is modeled as a bridge in the Duplicate Effective Model but was corrected to be modeled as a culvert in the Corrected Effective Model.

There was no difference in the WSEL between the Corrected Effective Model and the Post-Project Model. The WSEL at the project area, XS 364.64, is approximately 336.17-feet (NAVD88).

The cumulative impacts from the additional developments upstream of the project site was not observed to cause an increase in WSELs, as shown in Table 2.

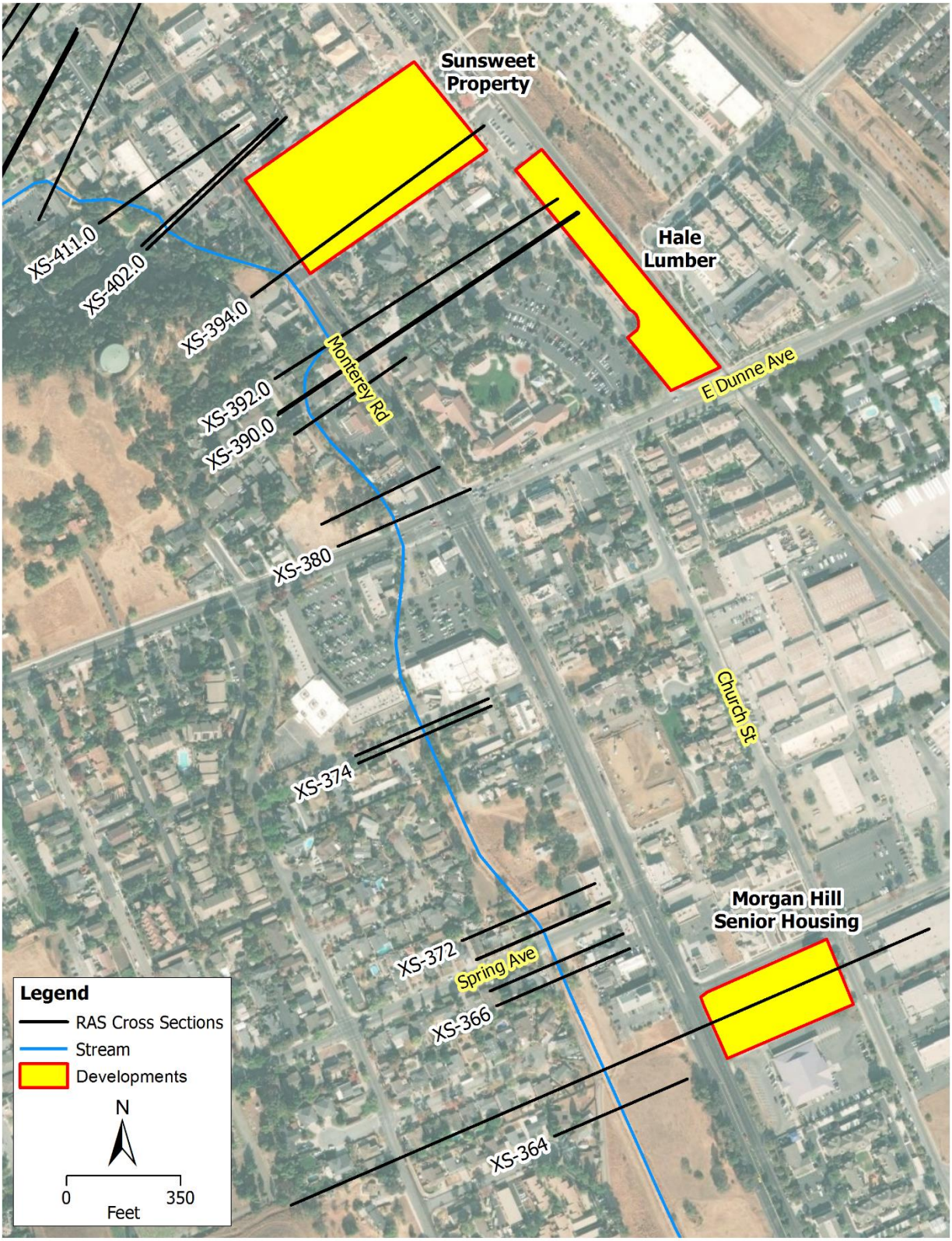

Figure 5: Developments Upstream of Project Site

Table 1: 100-year Water Surface Elevation

River Station	100-year Water Surface Elevation (feet, NAVD88)				
	HEC-2	Duplicate	Corrected	Post-Project	Cumulative
338	331.49	331.49	331.49	331.49	331.49
340	331.69	331.88	331.88	331.88	331.88
342	331.98	332.04	332.04	332.04	332.04
344	332.44	332.21	332.21	332.21	332.21
348	332.52	332	332	332	332
350	333.25	333.15	333.15	333.15	333.15
352	333.89	333.85	333.85	333.85	333.85
354	333.87	333.94	333.94	333.94	333.94
360	334.06	334.3	335.42	335.42	335.42
362	334.42	334.42	335.45	335.45	335.45
364	335.24	335.25	335.47	335.47	335.47
364.64 Project Site	-	-	336.17	336.17	336.17
366	338.6	338.53	337.19	337.19	337.19
368	338.9	338.9	338.9	338.9	338.9
370	339.99	340.1	340.1	340.1	340.1
370.2	340.98	341.01	341.01	341.01	341.01
372	341.03	341.01	341.01	341.01	341.01
374	341.11	340.9	340.9	340.9	340.9
376	341.3	341.17	341.17	341.17	341.17
380	342.86	343.39	343.39	343.39	343.39
382	343.66	343.76	343.76	343.76	343.76
384	344.86	345.05	345.05	345.05	345.05
390	345.71	345.73	345.83	345.83	345.83
390.2	345.73	345.73	345.84	345.84	345.84
392	345.91	345.84	346.12	346.12	346.12
394	347.89	347.84	347.94	347.94	347.94
402	348.05	348.04	348.12	348.12	348.11
410	348.14	348.13	348.2	348.2	348.19
411	348.19	348.21	348.27	348.27	348.25
412	348.27	348.29	348.34	348.34	348.33
420	348.21	348.24	348.31	348.31	348.29
420.2	348.36	348.38	348.41	348.41	348.41
422	348.71	348.65	348.67	348.67	348.67
430	348.79	348.69	348.7	348.7	348.7
430.2	348.79	348.68	348.7	348.7	348.69

Table 2: Comparison of WSEL between scenarios

River Station	Difference in WSEL (feet)			
	[Duplicate] – [HEC-2]	[Corrected] – [Duplicate]	[Post-Project] – [Corrected]	[Cumulative] – [Corrected]
338	0	0	0	0
340	0.19	0	0	0
342	0.06	0	0	0
344	-0.23	0	0	0
348	-0.52	0	0	0
350	-0.1	0	0	0
352	-0.04	0	0	0
354	0.07	0	0	0
360	0.24	1.12	0	0
362	0	1.03	0	0
364	0.01	0.22	0	0
364.64 Project Site	-	-	0	0
366	-0.07	-1.34	0	0
368	0	0	0	0
370	0.11	0	0	0
370.2	0.03	0	0	0
372	-0.02	0	0	0
374	-0.21	0	0	0
376	-0.13	0	0	0
380	0.53	0	0	0
382	0.1	0	0	0
384	0.19	0	0	0
390	0.02	0.1	0	0
390.2	0	0.11	0	0
392	-0.07	0.28	0	0
394	-0.05	0.1	0	0
402	-0.01	0.08	0	-0.01
410	-0.01	0.07	0	-0.01
411	0.02	0.06	0	-0.02
412	0.02	0.05	0	-0.01
420	0.03	0.07	0	-0.02
420.2	0.02	0.03	0	0
422	-0.06	0.02	0	0
430	-0.1	0.01	0	0
430.2	-0.11	0.02	0	-0.01

Conclusion

Based on hydraulic analyses using the FIS effective model of West Little Llagas Creek, the Morgan Hill Senior Housing Project shows an impact of less than 0.1 feet to the creek. The cumulative impacts of the other developments upstream of the project site were also investigated. Cumulatively, the upstream developments resulted in an impact of less than 1.0 feet to the water surface elevations in West Little Llagas Creek.

Schaaf & Wheeler found the hydraulic impact to be within the City's requirements using the FIS effective model and expects an increase of no more than 0.1 feet in the 100-yr water surface elevation on West Little Llagas Creek from the proposed Morgan Hill Senior Housing Project.

Attachments:

1. Morgan Hill Housing General Floor Plan
2. Hale Lumber Site Plan
3. HEC-RAS Models
4. 5012013 Effective HEC-2 Output
5. FEMA FIRMette near Project Site
6. Sunsweet Study, 2015
7. Effective 2015 LOMR profile

MORGAN HILL SENIOR APARTMENTS

BEACON DEVELOPMENT GROUP

A HUMAN GOOD COMPANY

08/08/2019

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BEACON DEVELOPMENT GROUP

San Pedro at Monterey Road, Morgan Hill, CA

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TORTI GALLAS + PARTNERS | BEACON DEVELOPMENT GROUP

San Pedro at Monterey Road, Morgan Hill, CA

LOT SIZE:	82,292 SF	RESIDENTIAL UNITS:	75
GROSS:	67,300 SF	UNIT MIX:	74 1B
RESIDENTIAL:	47,250 SF		1 2B (MANAGERS UNIT)
SUPPORT:	12,860SF (19%)	AVG UNIT SIZE:	630 SF
FAR:	0.85	PARKING:	54 STALLS

08/12/2019

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BEACON DEVELOPMENT GROUP

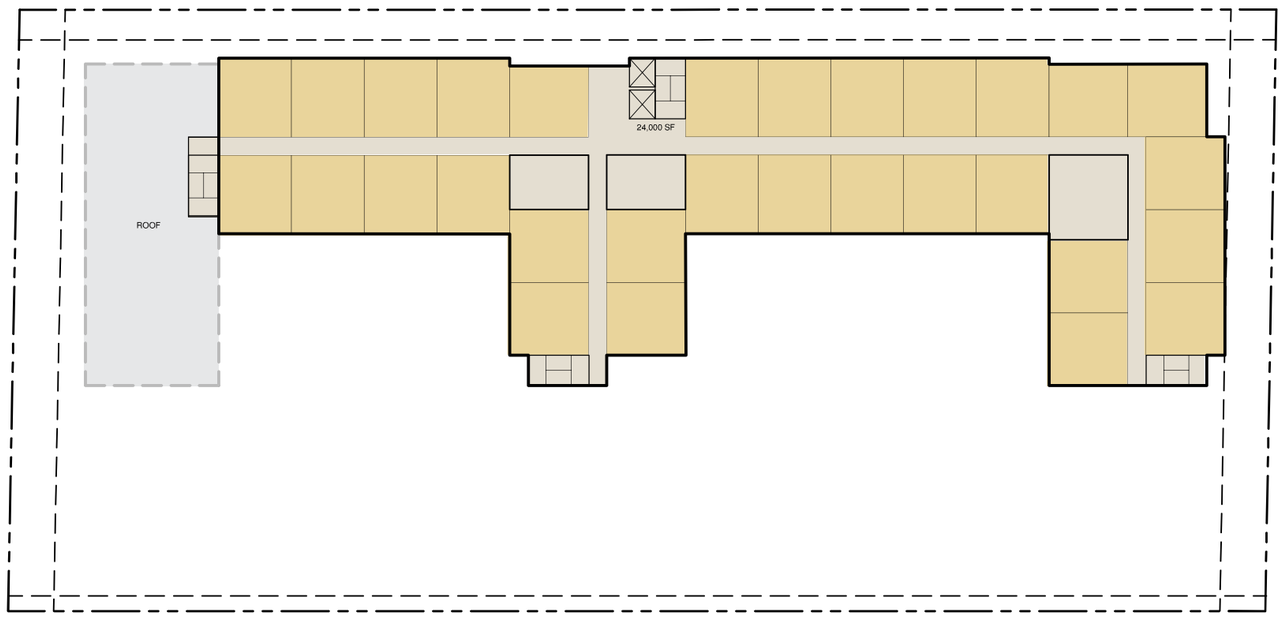
Scale 1"=50'

0 50' 100'

N

SCHEME 1 - FIRST FLOOR PLAN

San Pedro at Monterey Road, Morgan Hill, CA



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Scale 1"=50'

0 50' 100'

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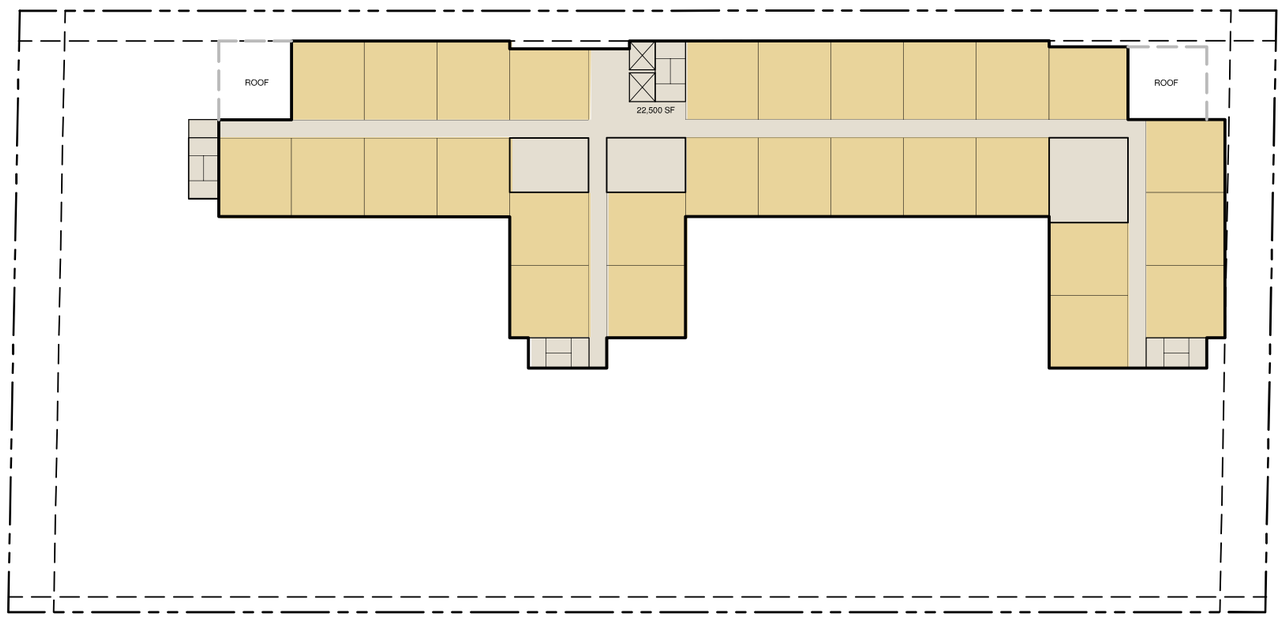
SCHEME 1 - SECOND FLOOR PLAN

San Pedro at Monterey Road, Morgan Hill, CA



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BEACON DEVELOPMENT GROUP

Scale 1"=50'

0 50' 100'

N

SCHEME 1 - THIRD FLOOR PLAN

San Pedro at Monterey Road, Morgan Hill, CA

LOT SIZE:	82,292 SF	RESIDENTIAL UNITS:	75
GROSS:	71,400 SF	UNIT MIX:	74 1B
RESIDENTIAL:	47,250 SF		1 2B (MANAGERS UNIT)
SUPPORT:	15,150 SF (21%)	AVG UNIT SIZE:	630 SF
FAR:	0.85	PARKING:	54 STALLS

08/02/2019

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Scale 1"=50'

0 50' 100'

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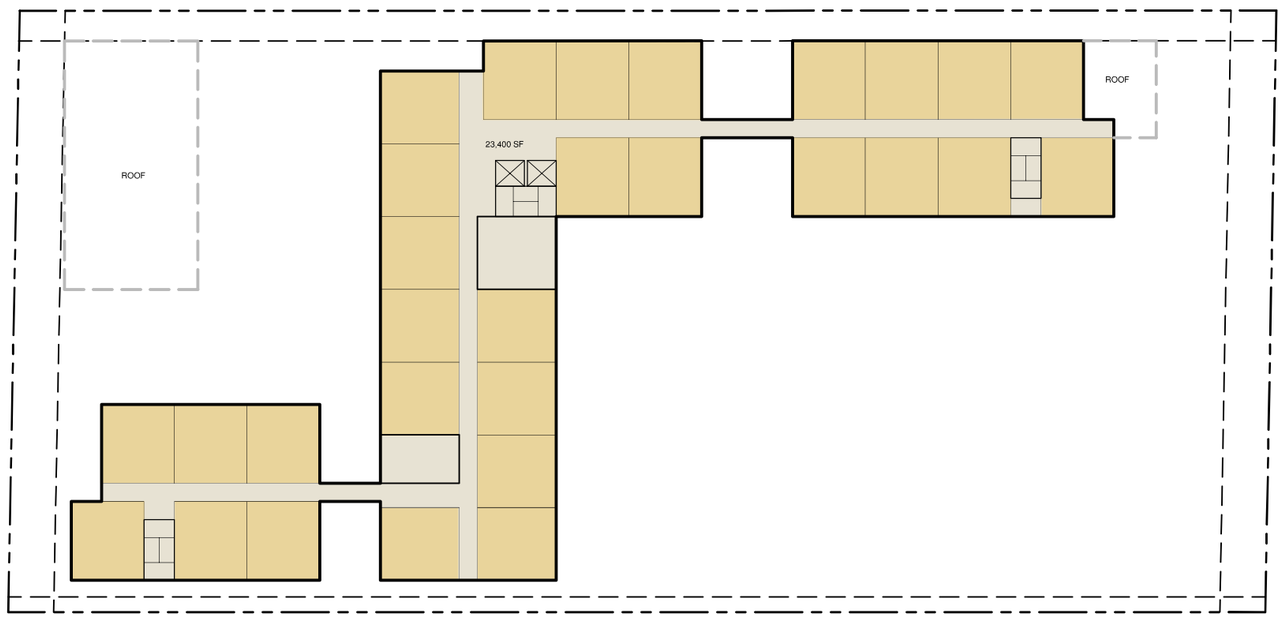
SCHEME 2 - FIRST FLOOR PLAN

San Pedro at Monterey Road, Morgan Hill, CA



08/12/2019

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Scale 1"=50'

0 50' 100'

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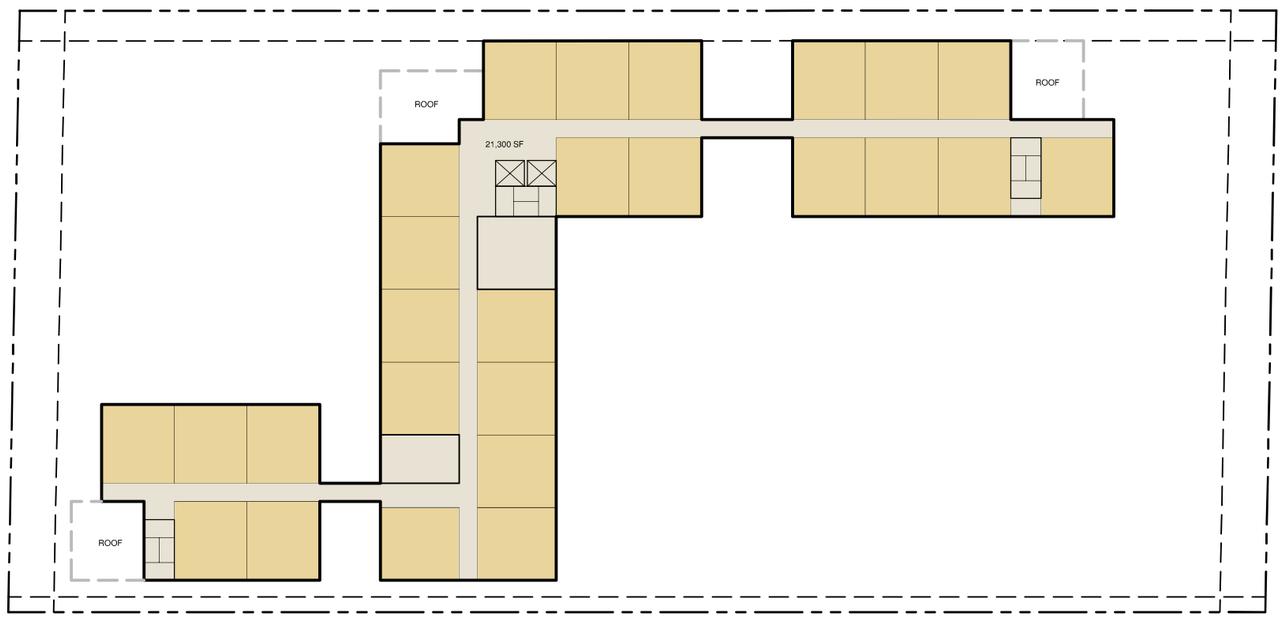
SCHEME 2 - SECOND FLOOR PLAN

San Pedro at Monterey Road, Morgan Hill, CA



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TORTI GALLAS + PARTNERS | BEACON DEVELOPMENT GROUP

Scale 1"=50'

0 50' 100'

N

SCHEME 2 - THIRD FLOOR PLAN

San Pedro at Monterey Road, Morgan Hill, CA

08/08/2019

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BEACON DEVELOPMENT GROUP

San Pedro at Monterey Road, Morgan Hill, CA

ARCHITECTURE AND SITE REVIEW PERMIT
HALE LUMBER
MORGAN HILL, SANTA CLARA COUNTY, CALIFORNIA

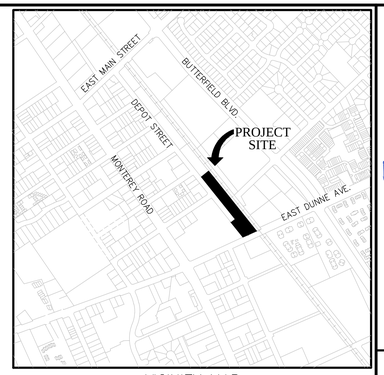
TYPICAL TOWNHOME ELEVATION

MIXED-USE BUILDING ELEVATION

PROJECT SUMMARY

- THE PROPOSED PROJECT CONSISTS OF THE DEVELOPMENT OF 40 TOWN HOMES (THREE STORIES), 9 CONDOMINIUMS OVER COMMERCIAL OFFICE. PRIVATE OPEN SPACE AND CIRCULATION.
- PUBLIC IMPROVEMENTS INCLUDE THE RE-ALIGNMENT OF DEPOT STREET TO INTERSECT WITH CHURCH STREET; ALL UNDERGROUND AND SURFACE IMPROVEMENTS THEREIN.
- IMPROVEMENTS TO THE COMMUNITY CENTER PARKING LOT INCLUDE:
  1. RE-STRIPING TO ACCOMMODATE ANGLED AND COMPACT PARKING
  2. REPLACEMENT OF LANDSCAPE ISLANDS

ADDRESS	17020 DEPOT STREET (726-13-049) + A PORTION OF DEPOT STREET
GP DESIGNATION	MIXED USE
ZONING DISTRICT	MU-D, CENTRAL BUSINESS DISTRICT (CBD)
AREA (EXIST)	2.00 AC
R/W DEDICATION	0.01 AC
R/W VACATION	0.29 AC
AREA (NET)	2.28 AC
PROPOSED DENSITY	49 DWELLINGS/2.28 AC = 21.5 DU/AC
PROPOSED PARKING	84 COVERED 15 GUEST 9 APRON/STALL (MFU) 108 TOTAL SPACES



VICINITY MAP

CONTACT INFORMATION

APPLICANT:

LATALA HOMES, INC.
1999 SOUTH BASCOM AVENUE, SUITE 700
CAMPBELL, CA 95008
CONTACT: PAUL LATALA
(408) 515-9205, PAUL@LATALAHOMES.COM

CIVIL ENGINEER, PLANNER & LANDSCAPE ARCH.:

8055 CAMINO ARROYO
GILROY, CA 95020
ENGINEER: JIM SCHUL (JSCHUL@RJA-GPS.COM)
PLANNER: JOHN MONIZ (JMONIZ@RJA-GPS.COM)
(408) 848-0300

SHEET INDEX

AS-01	SITE UTILIZATION MAP
AS-02	EXISTING CONDITIONS
AS-03	SITE PLAN
AS-04	PRELIMINARY GRADING PLAN
AS-05	PRELIMINARY UTILITY PLAN
AS-06	SECTIONS
AS-07	PRELIMINARY STORMWATER PLAN
A1-A23	ARCHITECTURAL FOOTPRINTS, ELEVATIONS & DETAILS
L1-L4	LANDSCAPE ARCHITECTURE

RUGGERI-JENSEN-AZAR
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Campbell, CA 95008
www.latalahomes.com

ARCH & SITE PLAN REVIEW/DESIGN REVIEW
TITLE SHEET
HALE LUMBER MIXED USE PROJECT
MORGAN HILL, CALIFORNIA

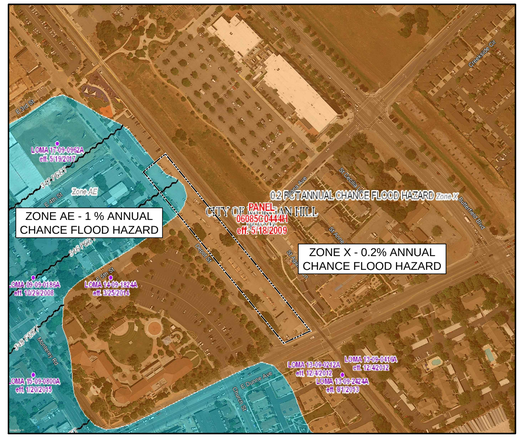
SCALE	DATE
AS SHOWN	JAN 10, 2019

DATE	MK	SHEET REVISIONS	BY/ CK
-	-	-	-

SHEET
AS-01
OF 32 SHEETS

JOB NO.
162016-1001

W:\JOBS 16\162016\DRAWINGS\PRELIM\APPLICATIONS\DESIGN REVIEW\AS-1 TITLE SHEET.DWG



FEMA CONDITIONS

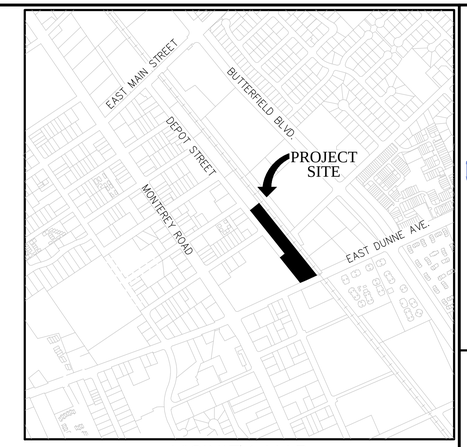
EXISTING TREE SUMMARY

TREE	COMMON NAME	D.B.H.	CONDITION
11948	COAST LIVE OAK	32"	POOR
11949	COAST LIVE OAK	19.5"	FAIR
11950	PEPPER	32"	POOR
11951	COAST LIVE OAK	43"	POOR
11952	COAST LIVE OAK	25"	FAIR
11953	BLACK ACACIA	35"	POOR
11954	PEPPER	58"	POOR
11955	COAST LIVE OAK	62"	POOR
11956	COAST LIVE OAK	54"	POOR

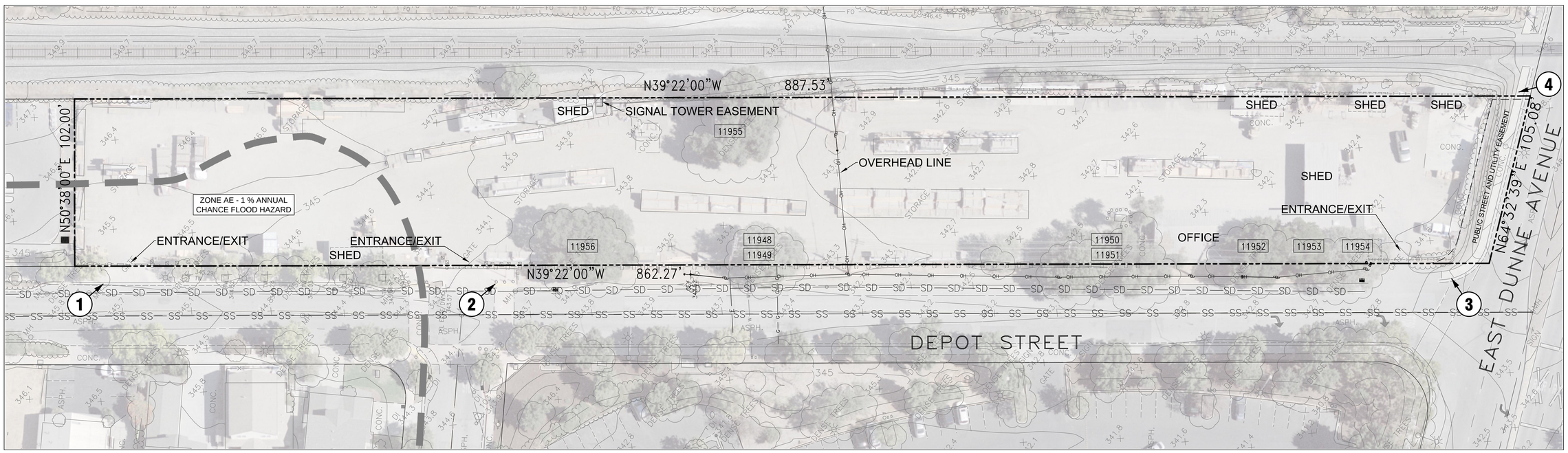
NOTES
1. INFORMATION PROVIDED BY SMITH TREE SPECIALISTS, INC. (MAY 12, 2018)

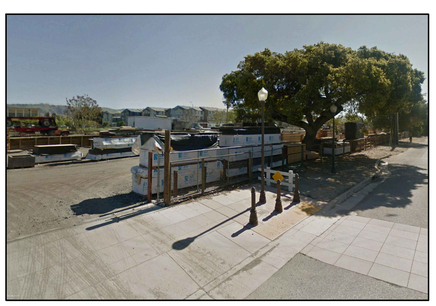
SITE DATA

- SUBJECT PARCELS: 17020 DEPOT STREET (APN 726-13-049)
- CURRENT LAND USE: LUMBER YARD
- CURRENT ZONING: DOWNTOWN MIXED USE (MU-D), CBD
- CURRENT GENERAL PLAN: MIXED USE
- UTILITIES:
  - WATER: CITY OF MORGAN HILL
  - SANITARY SEWER: CITY OF MORGAN HILL
  - STORM DRAIN: CITY OF MORGAN HILL
  - GAS & ELECTRIC: PG&E
  - TELEPHONE: VERIZON



VICINITY MAP





(1) PROJECT SITE, LOOKING SOUTH, NORTH GATE
(DEPOT STREET IN FOREGROUND)

(2) PROJECT SITE, LOOKING SOUTH, OPPOSITE FIFTH STREET
(DEPOT STREET IN FOREGROUND)

(3) PROJECT SITE, LOOKING EAST
(EAST DUNNE/DEPOT STREET IN FOREGROUND)

(4) PROJECT SITE, LOOKING NORTH
(EAST DUNNE IN FOREGROUND)

N

0 30 60 90
SCALE IN FEET: 1"= 30'

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Campbell, CA 95008
www.lataiahomes.com

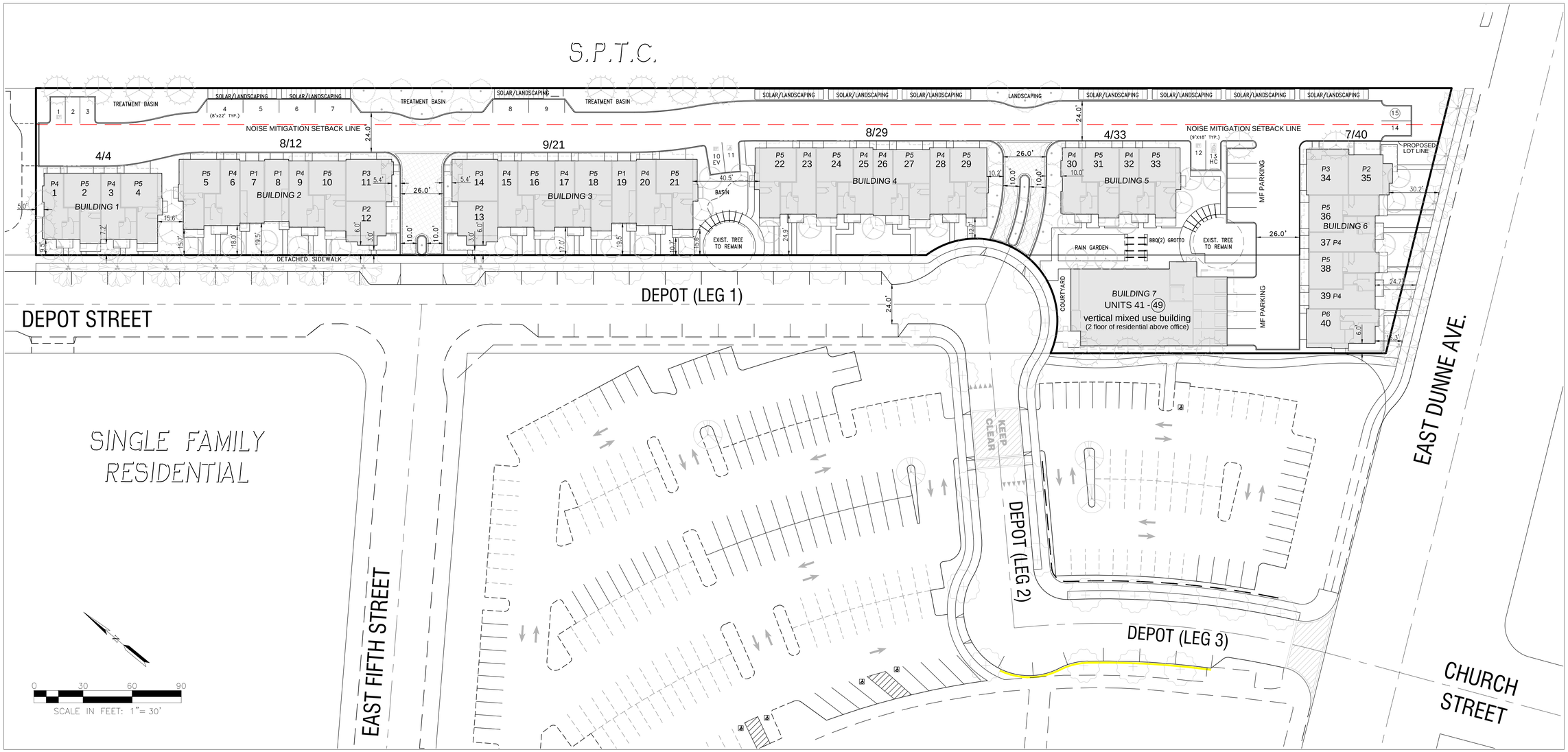
ARCH & SITE PLAN REVIEW/DESIGN REVIEW
EXISTING CONDITIONS
HALE LUMBER MIXED USE PROJECT
MORGAN HILL, CALIFORNIA

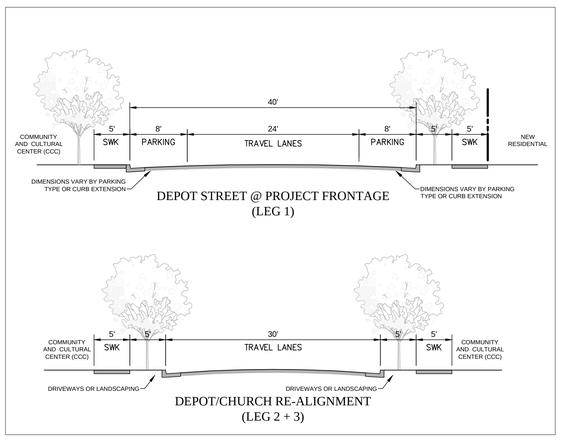
SCALE: AS SHOWN
DATE: JAN 10, 2019

DATE	MK	SHEET REVISIONS	BY	CK

SHEET
AS-02
OF 32 SHEETS

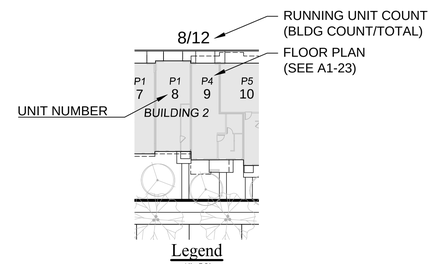
JOB NO.
162016-1001



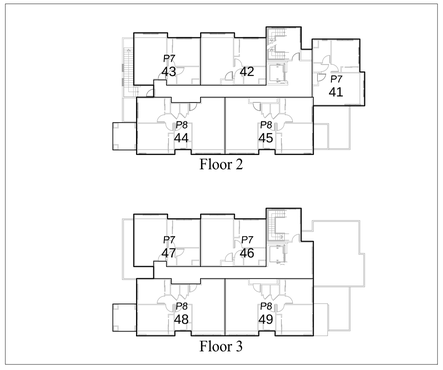


COVERAGE SUMMARY

USE	AREA (SQFT)	COVERAGE
RESIDENTIAL	28,700	29%
MIXED USE	4,400	4%
CIRCULATION	31,700	32%
LANDSCAPE/HARDSCAPE	34,500	35%
	99,300	



Legend
1"=30'



Mixed Use Building
1"=30'

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ARCH & SITE PLAN REVIEW/DESIGN REVIEW

SITE PLAN

HALE LUMBER MIXED USE PROJECT
MORGAN HILL, CALIFORNIA

SCALE	DATE
AS SHOWN	JAN 10, 2019

DATE	MK	SHEET REVISIONS	BY	CK

SHEET
AS-03
OF 32 SHEETS

JOB NO.
162016-1001

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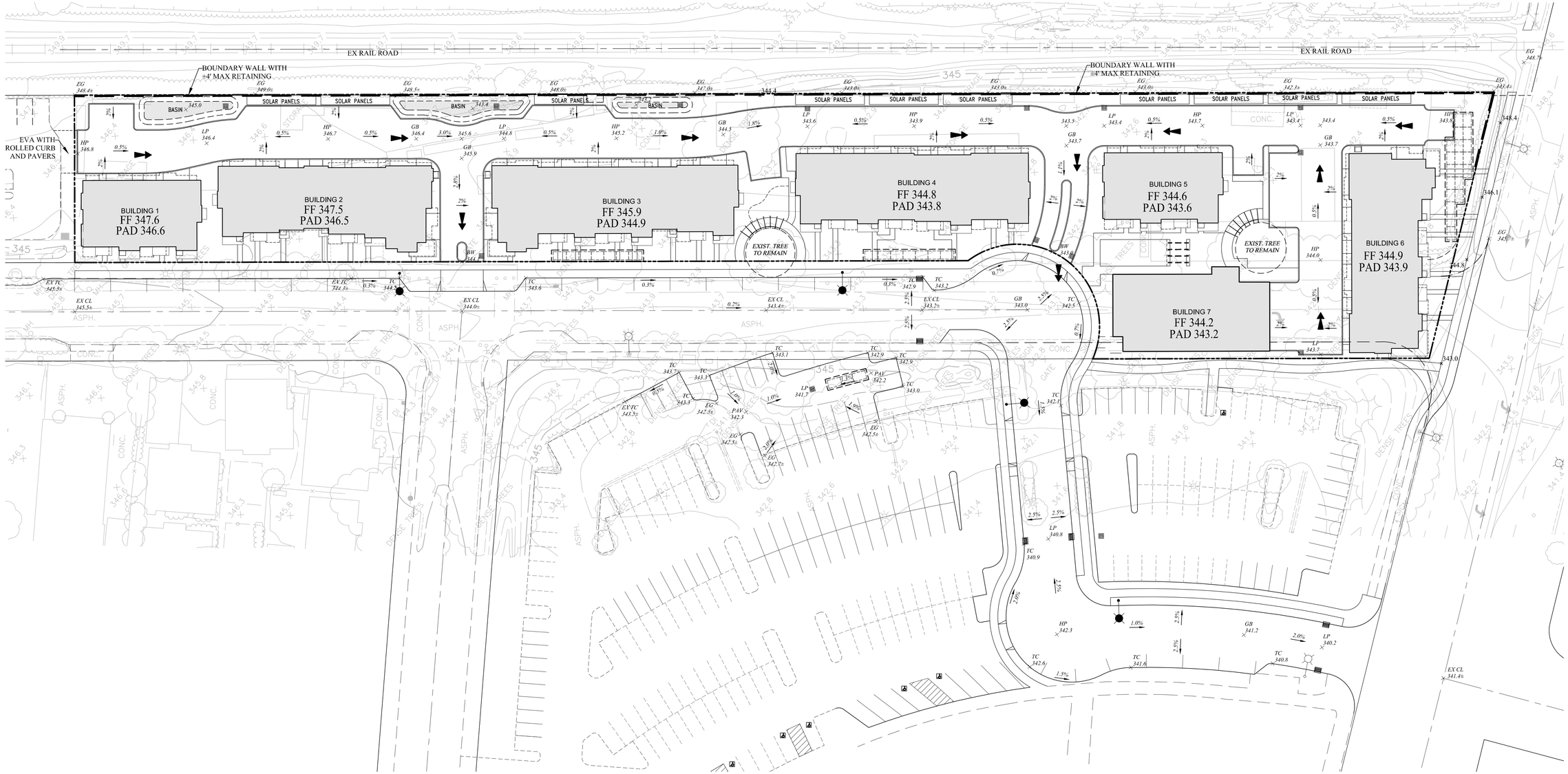

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	EASEMENT	
	PROPERTY LINE	
	FACE OF CURB	
	SIDEWALK	
	STORM DRAIN FIELD INLET	
	STORM DRAIN CURB INLET	
	OVERLAND RELEASE	
	BOUNDARY WALL WITH RETAINING	
+ 356.3	SPOT ELEVATION	
PAD 357.0	PAD ELEVATION	
FF 358.0	FINISHED FLOOR ELEVATION	
	STORMWATER TREATMENT BASIN	
	UNDERGROUND RETENTION FACILITY	

0 30 60 90

SCALE IN FEET: 1"= 30'

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ARCH & SITE PLAN REVIEW/DESIGN REVIEW

PRELIMINARY GRADING PLAN

HALE LUMBER MIXED USE PROJECT

MORGAN HILL, CALIFORNIA

SCALE	DATE
AS SHOWN	JAN 10, 2019

DATE	MK	SHEET REVISIONS	BY	CK
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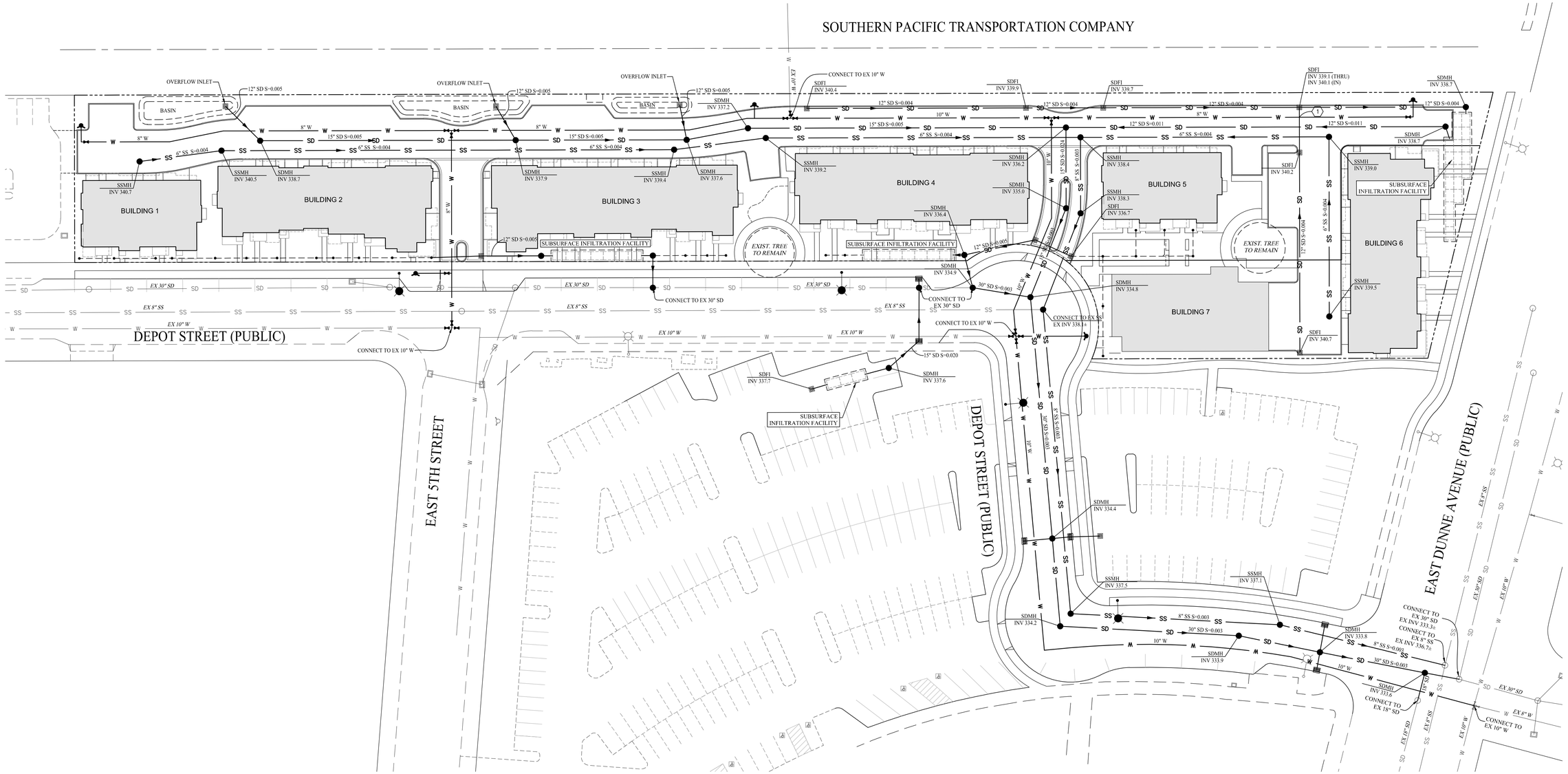
SHEET

AS-04

OF 32 SHEETS

JOB NO.
162016-1001



GENERAL NOTES:

1. WATER TO DIP UNDER STORM DRAIN WHERE NECESSARY, WITH 1' VERTICAL CLEARANCE AND NO PIPE JOINTS WITHIN 10' OF CROSSING.
2. WATER SHALL AT ALL TIMES MAINTAIN 10' HORIZONTAL CLEARANCE AND 1' VERTICAL CLEARANCE ABOVE SANITARY SEWER ACCORDING TO CALIFORNIA DEPARTMENT OF PUBLIC HEALTH STANDARDS.
3. ALL UTILITIES IN DEPOT STREET ARE PUBLICLY OWNED AND MAINTAINED BY THE CITY OF MORGAN HILL
4. ALL ON-SITE UTILITIES WILL BE PRIVATELY OWNED AND MAINTAINED UNLESS OTHERWISE NOTED.

LEGEND

PROPOSED	DESCRIPTION	EXISTING
	BOUNDARY	
	EASEMENT	
	PROPERTY LINE	
	FACE OF CURB	
SD	STORM DRAIN (12" AND LARGER)	SD
	STORM DRAIN (4" TO 10")	
SS	SANITARY SEWER	SS
W	WATER	W
	MANHOLE	
	SIDEWALK	
	FIRE HYDRANT	
	ELECTROLIER	
	STORM DRAIN FIELD INLET	
	STORM DRAIN CURB INLET	
	OVERLAND RELEASE	
	STORMWATER TREATMENT BASIN	
	UNDERGROUND INFILTRATION FACILITY	

0 30 60 90
SCALE IN FEET: 1"= 30'

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ARCH & SITE PLAN REVIEW/DESIGN REVIEW
PRELIMINARY UTILITY PLAN
HALE LUMBER MIXED USE PROJECT
MORGAN HILL, CALIFORNIA

SCALE	DATE
AS SHOWN	JAN 10, 2019

DATE	MK	SHEET REVISIONS	BY	CK
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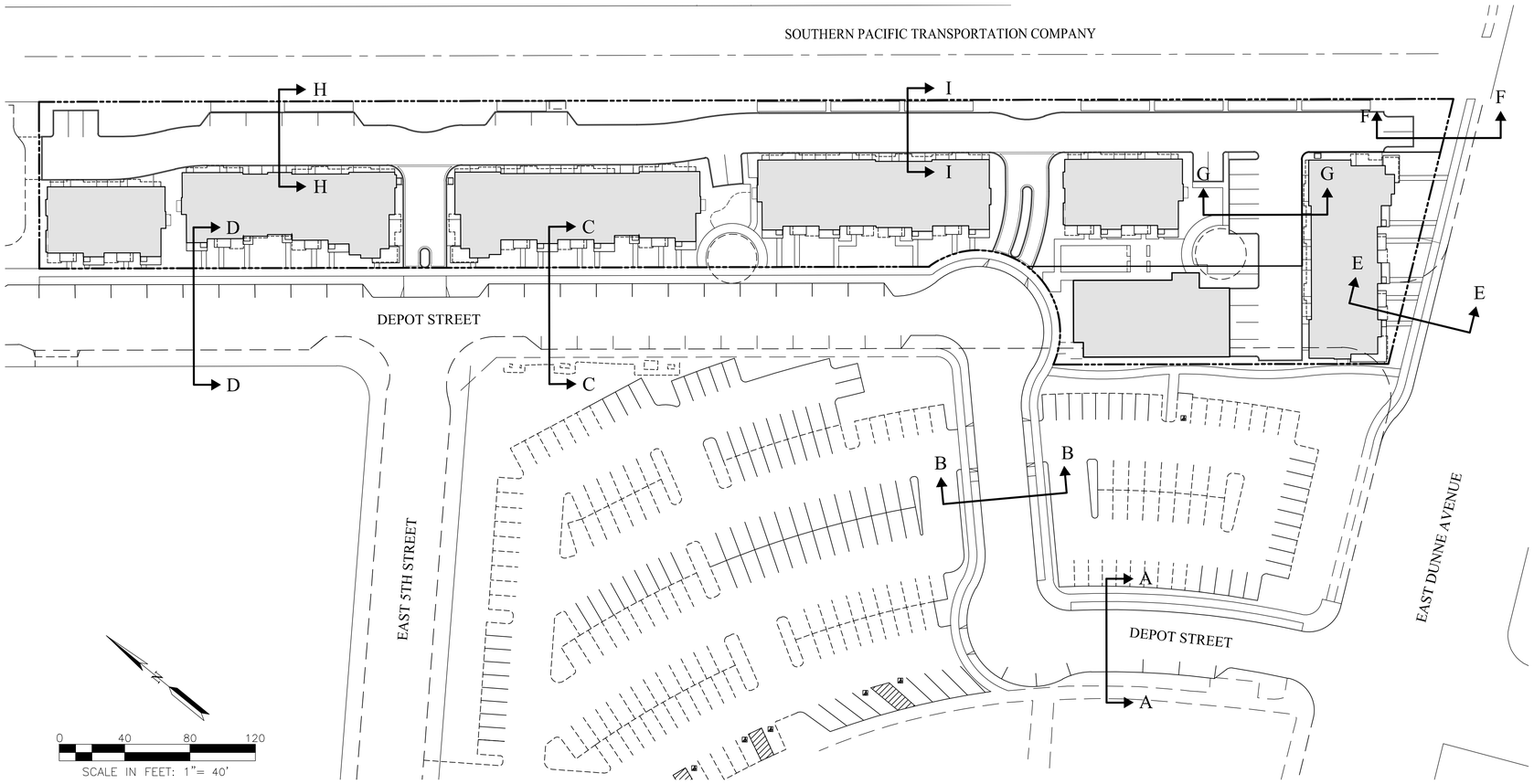
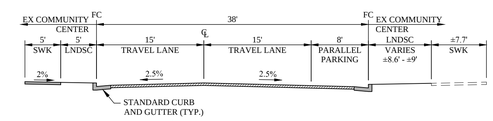
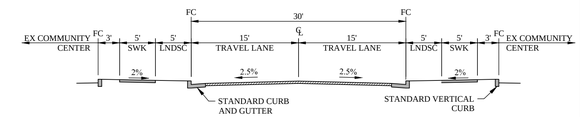
SHEET
AS-05
OF 32 SHEETS

JOB NO.
162016-1001

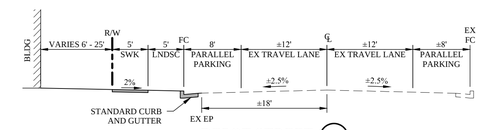




REALIGNED DEPOT STREET WITH PARKING (A)
NO SCALE



REALIGNED DEPOT STREET WITHOUT PARKING (B)
NO SCALE



DEPOT STREET (C)
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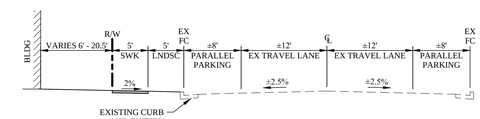
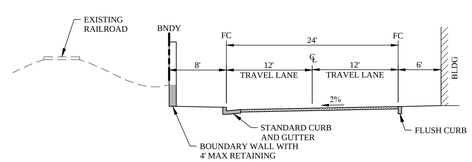


DEPOT STREET (D)
NO SCALE



SECTION (I)
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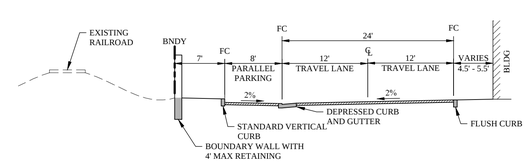

SECTION (H)
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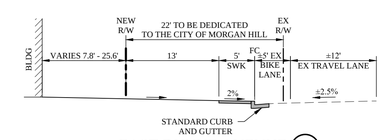

EAST DUNNE AVENUE (E)
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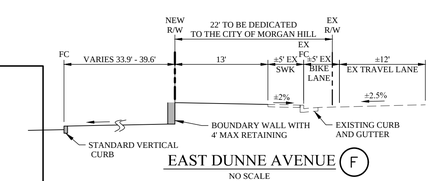
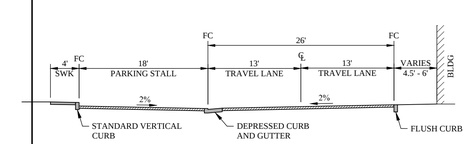


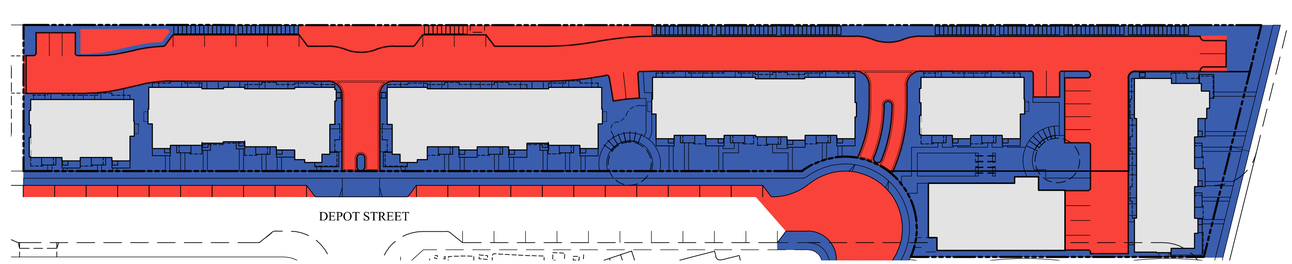
EAST DUNNE AVENUE (F)
NO SCALE



SECTION (G)
NO SCALE

PRELIMINARY EARTHWORK SUMMARY

CUT:	7,515± CY
FILL:	7,515± CY
NET:	0± CY (BALANCED)



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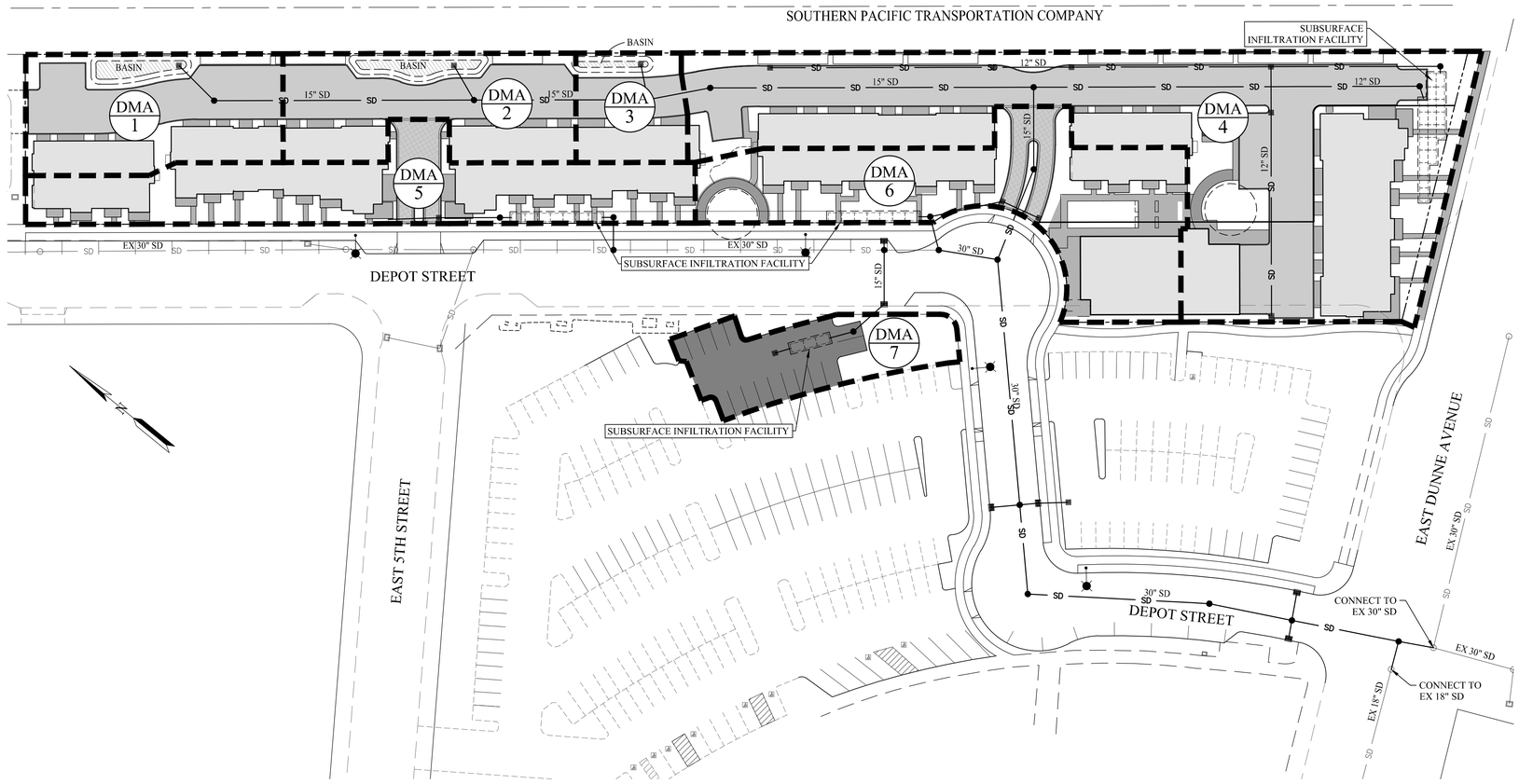
ARCH & SITE PLAN REVIEW/DESIGN REVIEW
SECTIONS
HALE LUMBER MIXED USE PROJECT
MORGAN HILL, CALIFORNIA

SCALE: AS SHOWN
DATE: JAN 10, 2019

DATE	MK	SHEET REVISIONS	BY	CK
-	-	-	-	-

SHEET
AS-06
OF 32 SHEETS

JOB NO.
162016-1001



DRAINAGE MANAGEMENT AREA MAP

1" = 40'

LEGEND

PROPOSED	DESCRIPTION
	DRAINAGE AREA BOUNDARY
SD	STORM DRAIN
	STORM DRAIN FIELD INLET
	STORM DRAIN CURB INLET
DMA 1	DRAINAGE MANAGEMENT AREA ID
	STORMWATER TREATMENT BASIN
	UNDERGROUND INFILTRATION FACILITY
	NEW IMPERVIOUS AREA

STORM WATER MANAGEMENT NOTES:

1. THE PROJECT IS LOCATED IN THE CENTRAL COAST REGIONAL WATER QUALITY CONTROL BOARD (CCWQCB) JURISDICTION. STORM WATER RUNOFF MANAGEMENT SHALL ADHERE TO THE CRITERIA IDENTIFIED IN THE "STORMWATER MANAGEMENT GUIDANCE MANUAL FOR LOW IMPACT DEVELOPMENT & POST CONSTRUCTION REQUIREMENTS FOR THE CITY OF GILROY, CITY OF MORGAN HILL, AND COUNTY OF SANTA CLARA", DATED JUNE 2015.
2. THIS STORM WATER RUNOFF MANAGEMENT PLAN IS CONCEPTUAL AND SUBJECT TO REVISION BASED ON FINAL DESIGN AND SITE SPECIFIC INFILTRATION TESTING.
3. BIORETENTION FACILITIES WERE SIZED USING THE "ROUTING METHOD", IDENTIFIED IN SECTION 3 OF THE CITY'S STORMWATER MANAGEMENT GUIDANCE MANUAL.
4. ALL STORMWATER CALCULATIONS SHOWN HEREIN ARE PRELIMINARY AND SUBJECT TO CHANGE DURING FINAL DESIGN. THE LID MEASURES AND STORMWATER CONTROL FACILITIES MAY BE CHANGED OR MODIFIED DURING FINAL DESIGN AS LONG AS THE PROJECT CAN SHOW CONFORMANCE WITH THE CITY OF MORGAN HILL AND CCRWQCB POST-CONSTRUCTION STORMWATER REGULATIONS IN EFFECT AT THE TIME OF THE PROJECT APPROVAL.
5. THE PROJECT COMMITS TO NOT EXCEED PRE-PROEJCT PEAK FLOWS FOR THE 2-YEAR THOUGH 25-YEAR STORM EVENTS. THE PROPOSED BIORETENTION BASINS AND UNDERGROUND INFILTRATION FACILITIES SERVE AS THE MAIN DETENTION/RETENTION FACILITY FOR THE PROJECT. THE FACILITIES WERE SIZED USING CIVILSTORM COMPUTER PROGRAM BY BENTLEY SYSTEM INCORPORATED. THE SANTA CLARA COUNTY DRAINAGE MANUAL METHODS WERE USED TO DETERMINE THE DESIGN RAINFALL DEPTH, AND 24-HOUR RAINFALL PATTERN. THE NRCS CURVE NUMBER METHOD WAS USED TO ESTIMATE RUNOFF.

Project Name: Hale Lumber
Project Location: Morgan Hill, CA
Date: December 2018

Project Information

Area =	108,000 ft^2	*Total drainage managment area*
Existing Impervious Area =	18,660 ft^2	
	17%	*Existing Percent impervious area*
Ex Imperv Area To Remain =	0 ft^2	*Total existing impervious surface to remain*
Replaced Imperv Area =	18,660 ft^2	*Total existing impervious surface to be replaced as part of project*
New Imperv Area =	62,710 ft^2	*Total new impervious surface to be installed as part of project*
Total Impervious Area =	81,370 ft^2	*Total project impervious area*
	75%	*Percent impervious area*
Water Management Zone =	1	

Performance Requirements

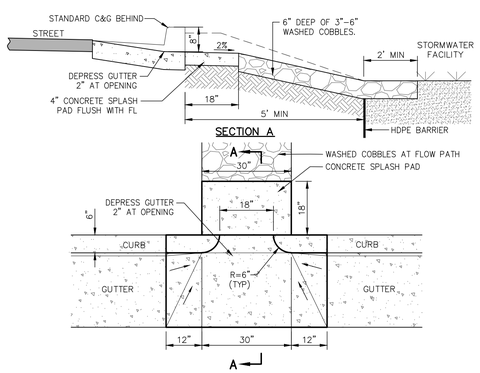
No. 1 = Implement site design and runoff reduction strategies
No. 2 = Provide water quality treatment for 85% storm event
No. 3 = Prevent offsite discharge from events up to the 95th% storm event via optimizing infil
No. 4 = Reduce peak flows to pre-project levels for 2-yr through 10-yr storm events
No. 5 = N/A

Rainfall Design Information

MAP =	20.0 in	*Mean Annual Precipitation*
$P_{85\%}$ =	1.10 in	*85th% 24-hr rainfall depth*
$P_{95\%}$ =	1.75 in	*95th% 24-hr rainfall depth*

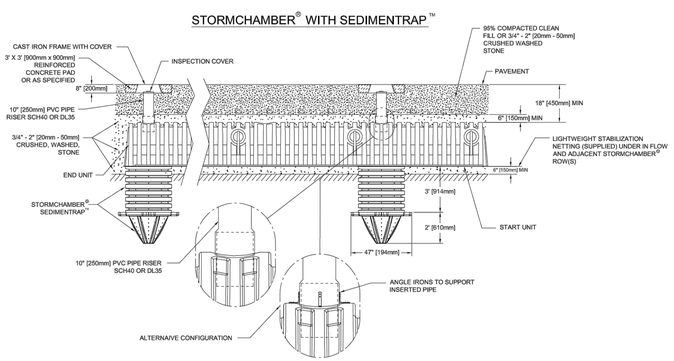
Soil Type Design Information

Site HSG =	C	*NRCS Hydrologic Soil Group Classification*
Infiltration Rate =	0.5 in/hr	*Describe source for infiltration rate*
Safety Factor =	1	
Design Infiltration Rate =	0.5 in/hr	



TYPICAL CURB CUT DETAIL

NO SCALE



TYPICAL SUBSURFACE INFILTRATION FACILITY DETAIL

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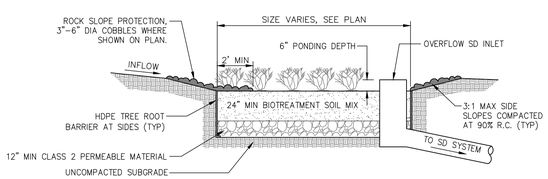

TYPICAL BIORETENTION BASIN DETAIL

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95% Rainfall Depth Runoff Retention Volume

		Impervious Surface (SF)		Pervious Surface (SF)			Runoff Rentention Volume Calculation				
DMA	Total Area (SF)	Impervious Surface (SF)	Replaced Impervious Surface (SF)	Landscape/Grass	Pervious Pavers	Total	Impervious Area Credit for Redevelopment (SF)	Drainage Area Minus Credit (SF)	% Impervious	Runoff Coefficient	95th% Volume, V_{95} (ft^3)
1	10,670	8,480	0	2,190	0	2,190	0	10,670	79%	0.59	923
2	10,540	8,920	0	1,620	0	1,620	0	10,540	85%	0.66	1,009
3	4,300	3,350	350	950	0	950	175	4,125	78%	0.58	346
4	42,750	32,990	13,200	9,760	0	9,760	6,600	36,150	77%	0.57	2,990
5	15,040	11,190	1,020	3,850	0	3,850	510	14,530	74%	0.54	1,139
6	18,130	12,060	4,090	6,070	0	6,070	2,045	16,085	67%	0.46	1,084
7	6,570	4,380	0	2,190	0	2,190	0	6,570	67%	0.46	444
Total	108,000	81,370	18,660	26,630	0	26,630	9,330		75%	0.55	7,935

Notes:

1. Biorention SCMs were size using the the "Routing Method" identified in Section 3 of the City's Stormwater Management Guidance Manual. See SCM Sizing Summary for "Routing Method" sizing results.
2. Per Resolution No. R3-2013-0032, Section B.4.b.i.: The total amount of replaced impervious surface in redevelopment projects shall be multiplied by 0.5 when calculating the volume subject to Runoff Retention Performance Requirements.

Governing Equations:

$$V_{95} = \frac{C * P_{95} * A}{12}$$

V_{95} = *95% Rainfall Depth Runoff Retention Volume*
C = $0.858i^3 - 0.78i^2 + 0.774i + 0.04$
P_{95} = 1.75 *24-hr 95th percentile rainfall c*
A = *drainage area* (ft^2)
i = *% impervious*

$$Area = \frac{V_{95} * 12}{D}$$

Area = *Design SCM area based on*
D = *SCM Layer depth (in)*
R = *SCM Layer porosity (in)*

$$T_D = \frac{V_{95} * 12 * SF}{I * Area}$$

T_D = *Drawdown time (hr)*
A = *Available SCM area* (ft^2)
I = 0.5 *Infiltration Rate (in/hr)*

	Porosity	
	0.25	0.40

SCM Sizing Summary

SCM Description	SCM Media Area (ft^2)	Surface Ponding Depth (in)	BSM Depth (in)	Gravel Layer Depth (in)	Drawdown Time (hr)
Bioretention	455	6	24	12	49
Bioretention	490	6	24	12	49
Bioretention	145	6	24	12	57
Storm Chambers	960	n/a	n/a	n/a	n/a
Storm Chambers	390	n/a	n/a	n/a	n/a
Storm Chambers	390	n/a	n/a	n/a	n/a
Storm Chambers	180	n/a	n/a	n/a	n/a
	3,010				

95th% Results

DMA Facility	95th% Volume (ft^3)	Volume Required for 95th% Infiltration (ft^3)	Volume Provided (ft^3)
1	923	635	1055
2	1009	625	1180
3	346	125	420
4	2990	2340	2400
5	1139	845	975
6	1084	825	975
7	444	330	450

Note:
The volume required for 95% infiltration was determined using the "Routing Method" in conjuction with Civil Storm computer program, which utilizes a soil infiltration rate of 0.5 in/hr.

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Campbell, CA 95008
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ARCH & SITE PLAN REVIEW/DESIGN REVIEW
PRELIMINARY STORMWATER CONTROL PLAN
HALE LUMBER MIXED USE PROJECT
MORGAN HILL, CALIFORNIA

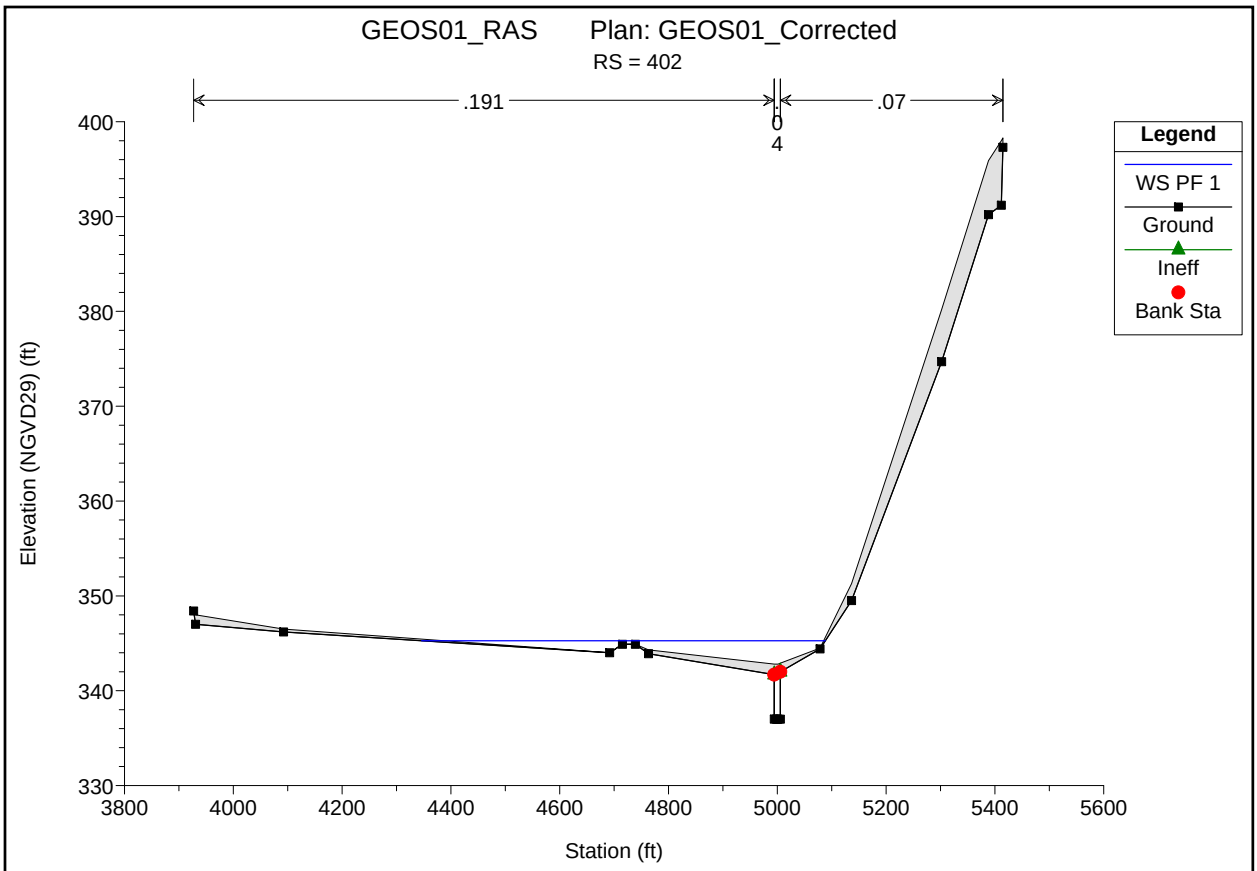
DATE	MK	SHEET REVISIONS	BY	CK
-	-	-	-	-

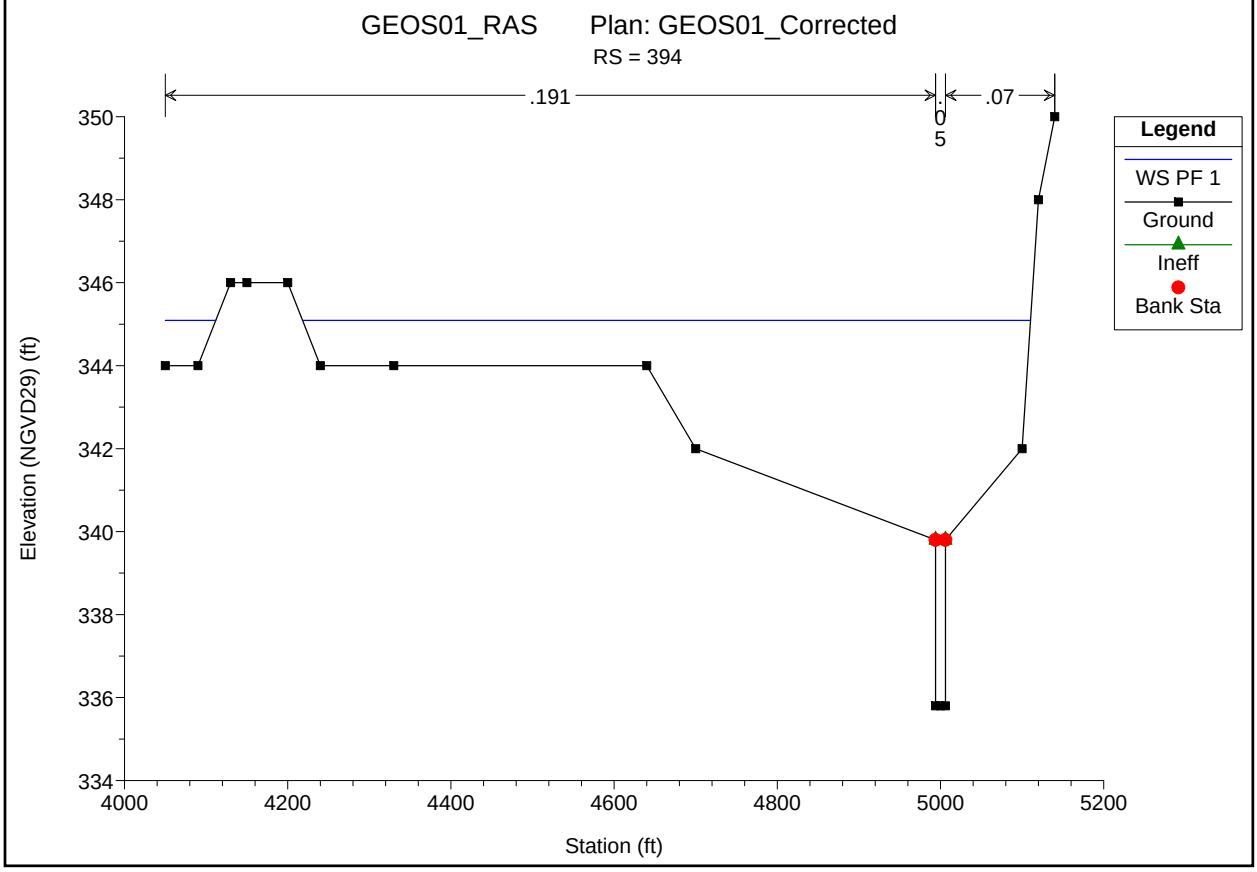
SCALE: AS SHOWN
DATE: JAN 10, 2019

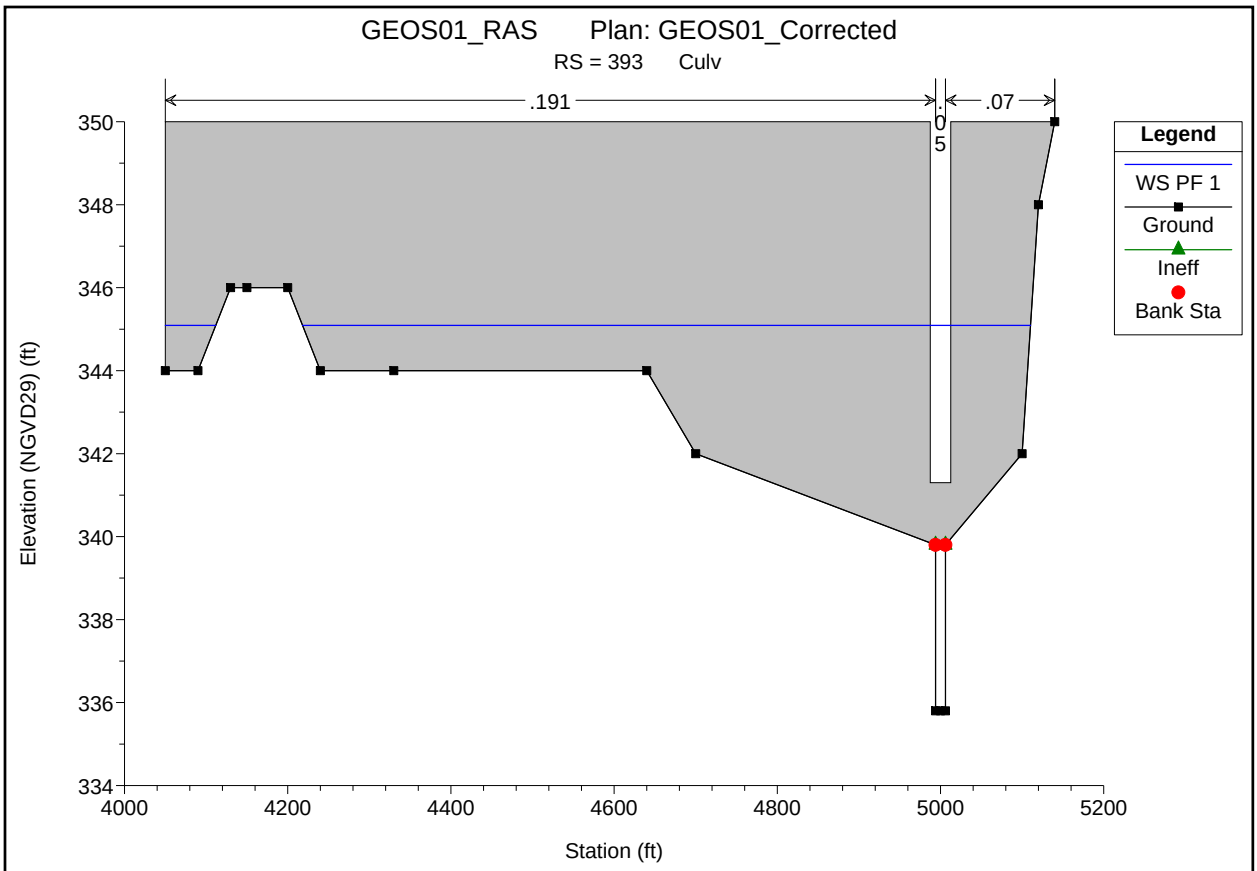
SHEET
AS-07
OF 32 SHEETS

JOB NO. 162016-1001

Corrected Effective Cross Sections
HEC-RAS 5.0.7 model



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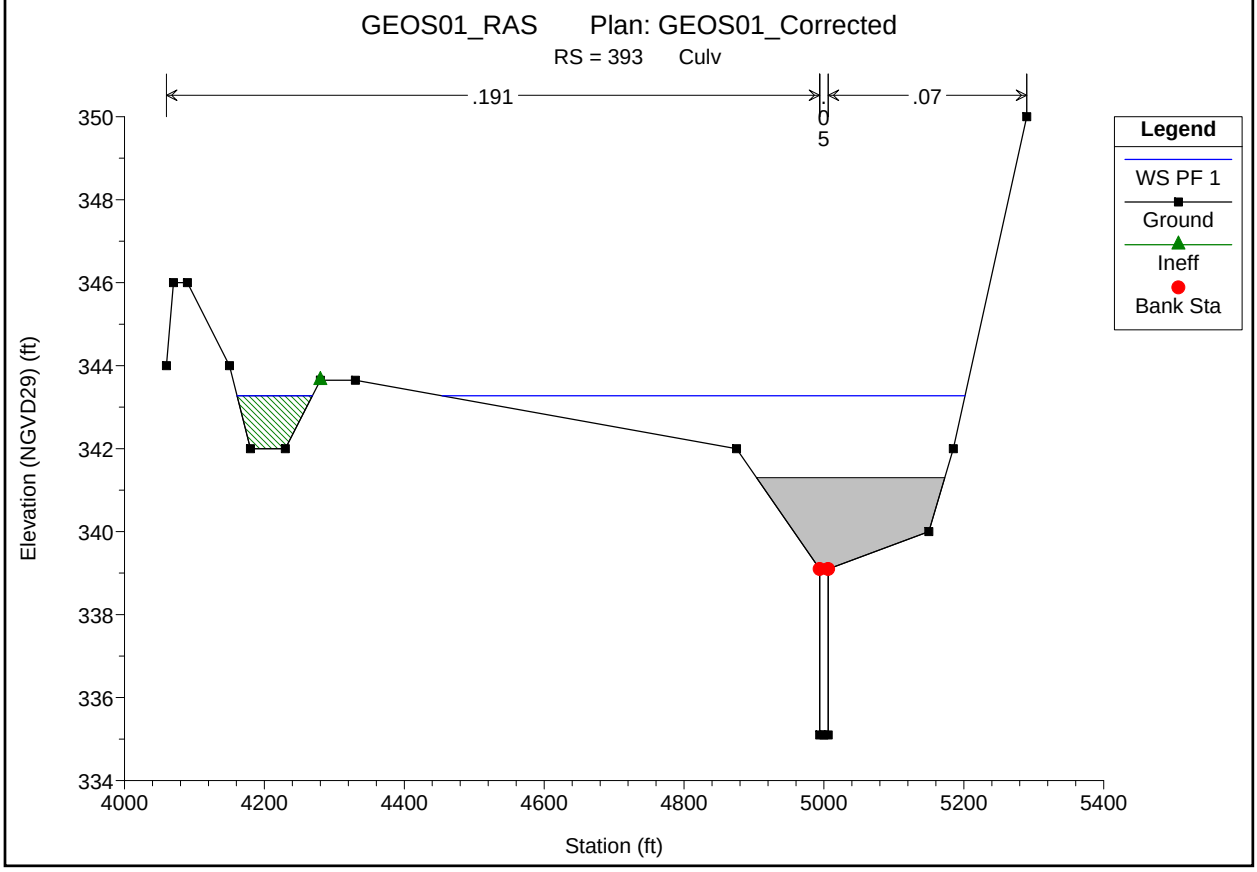
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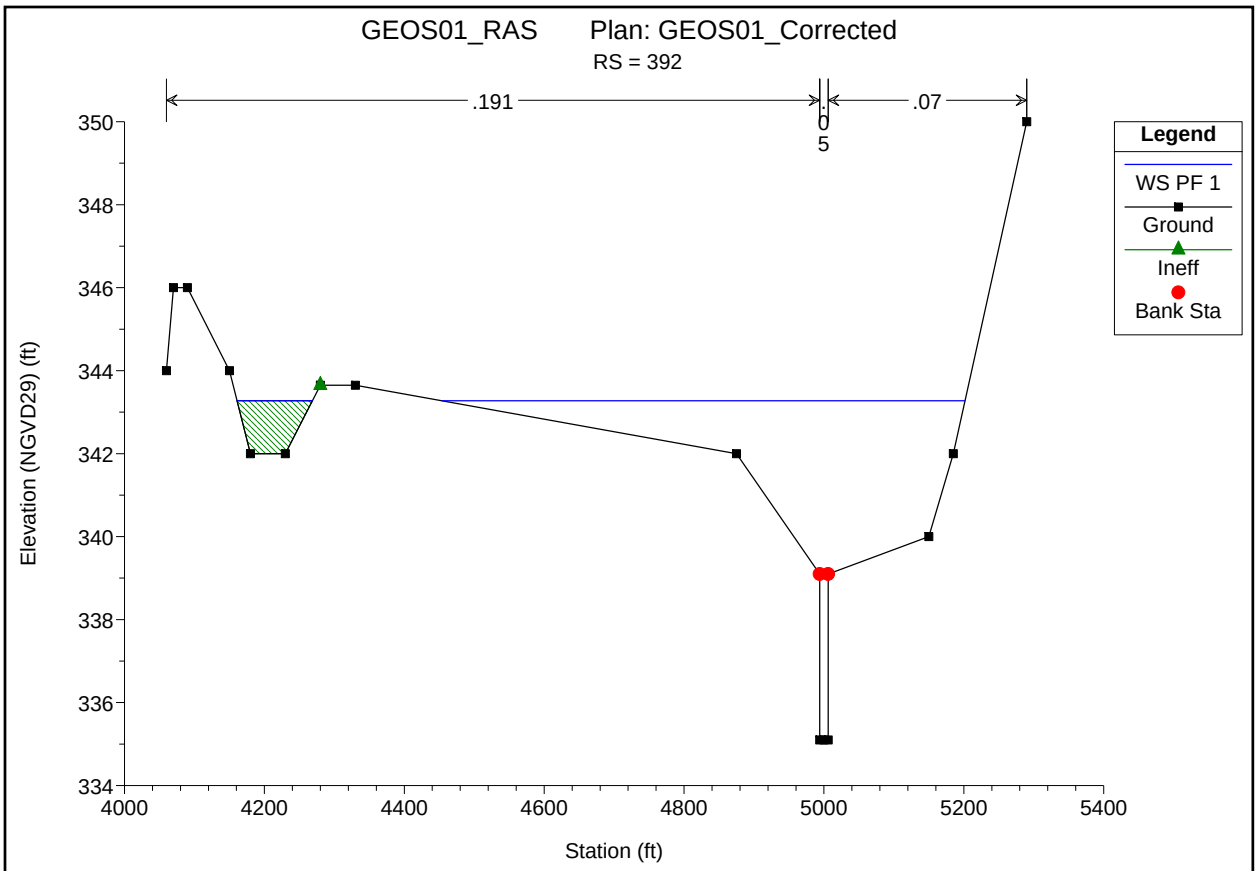
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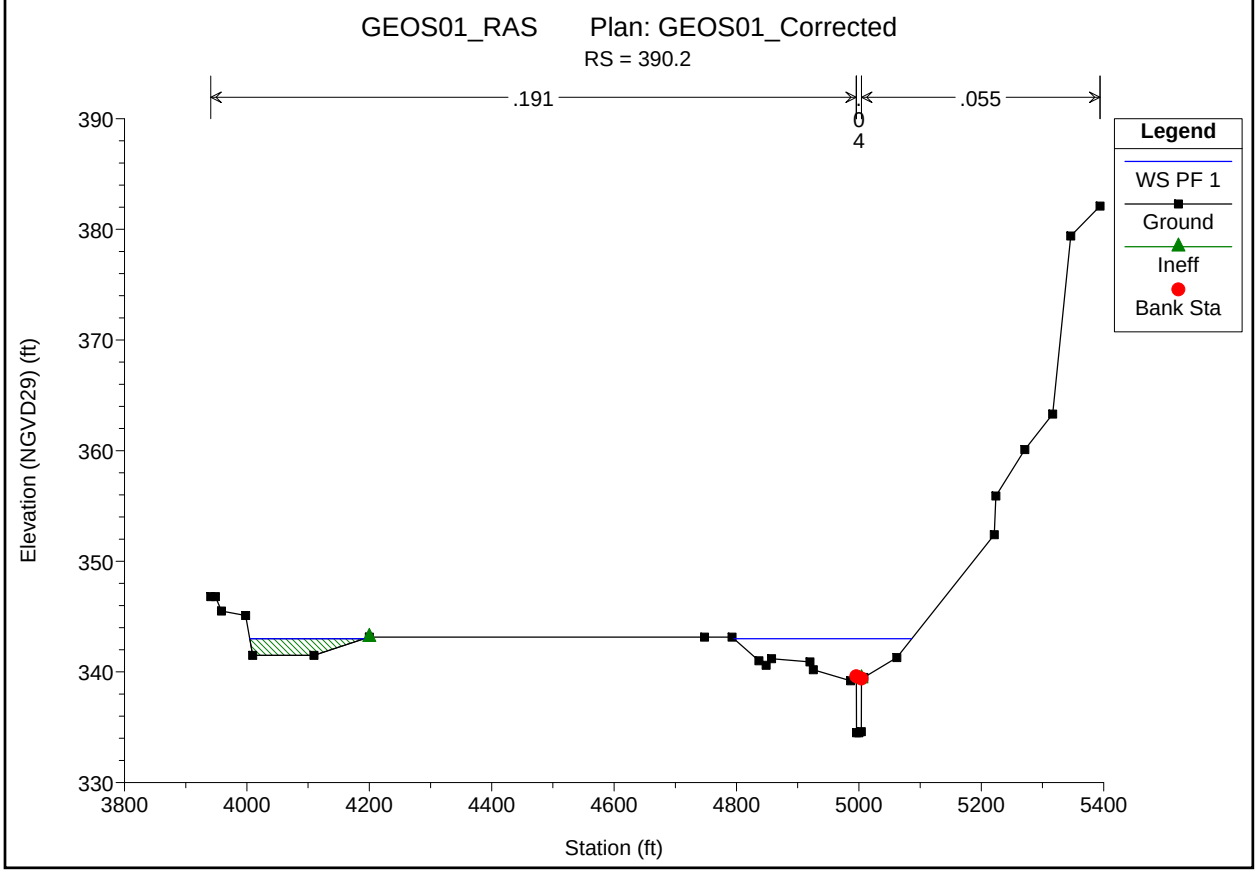
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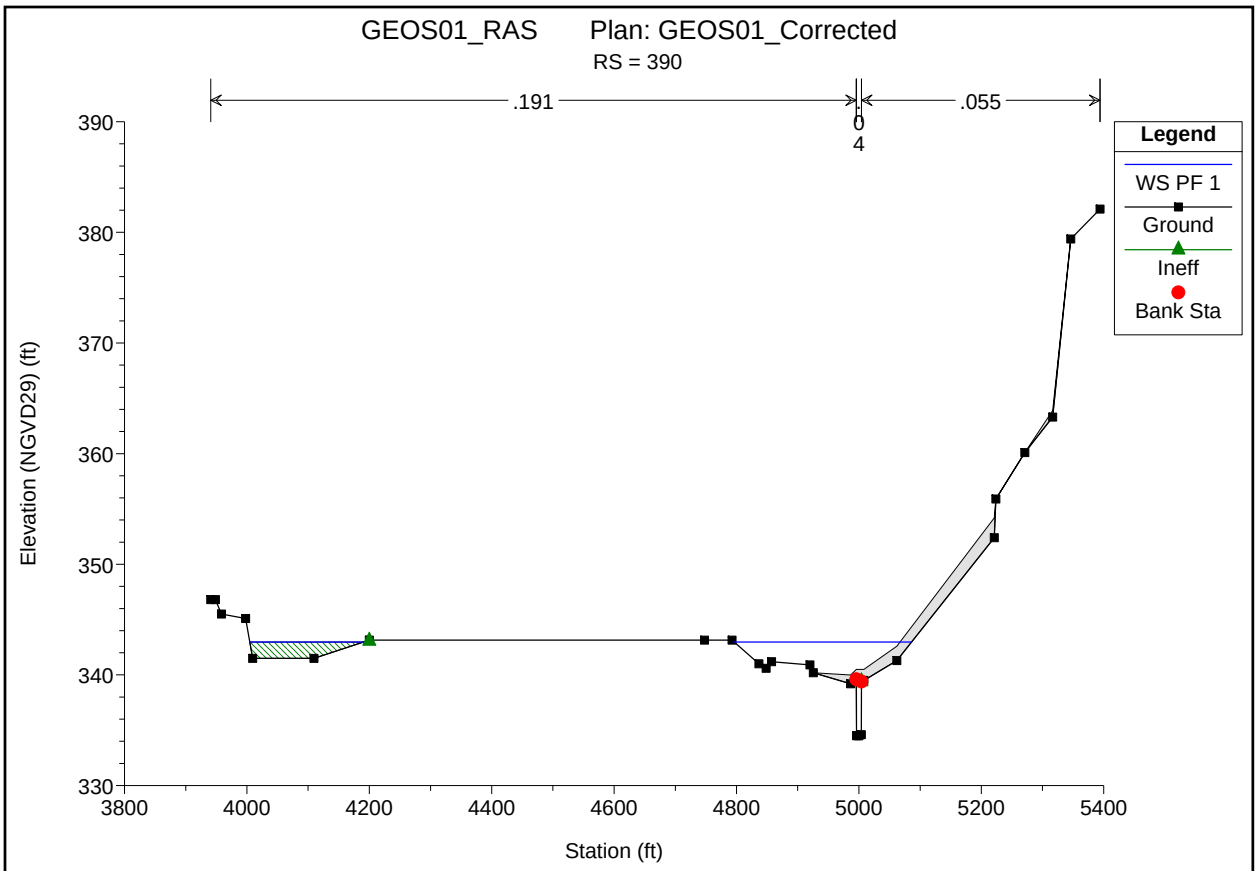
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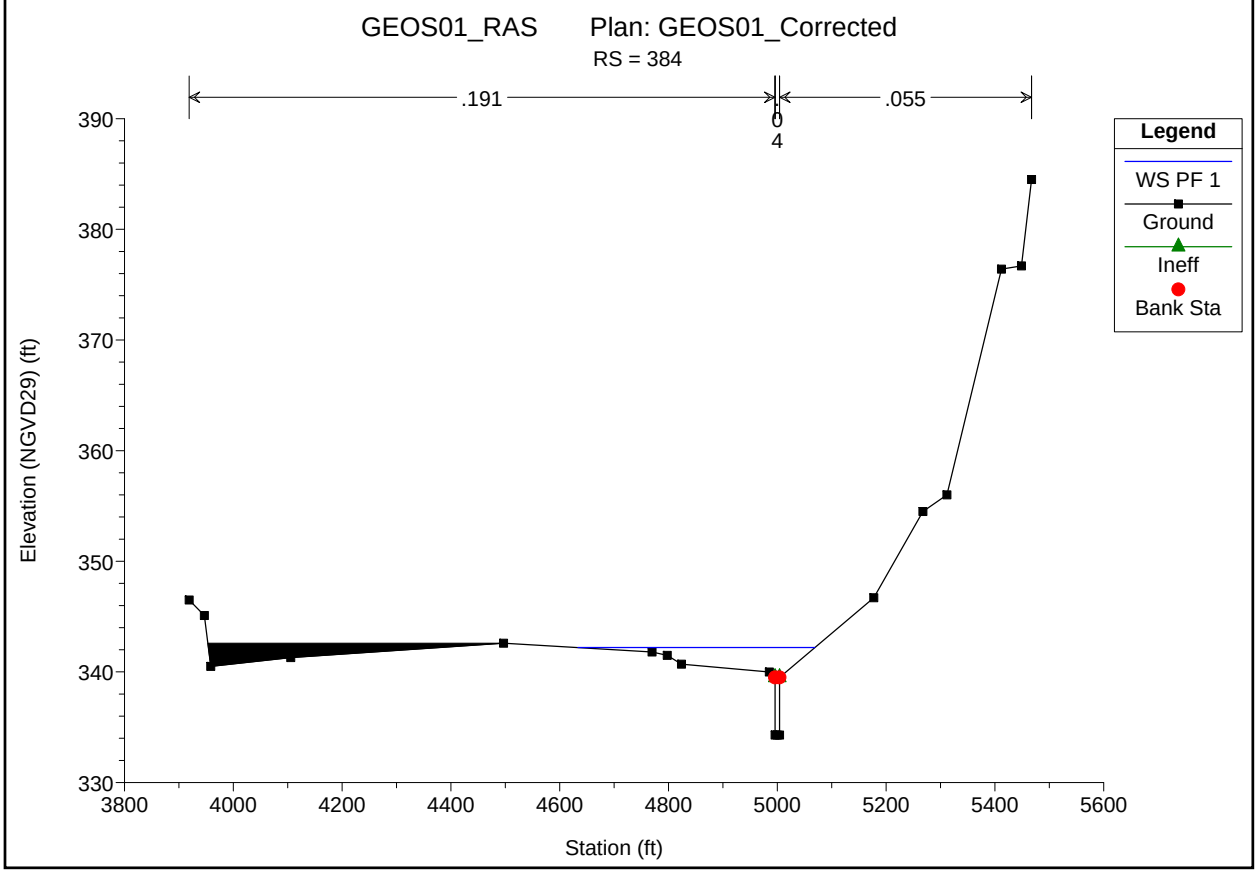
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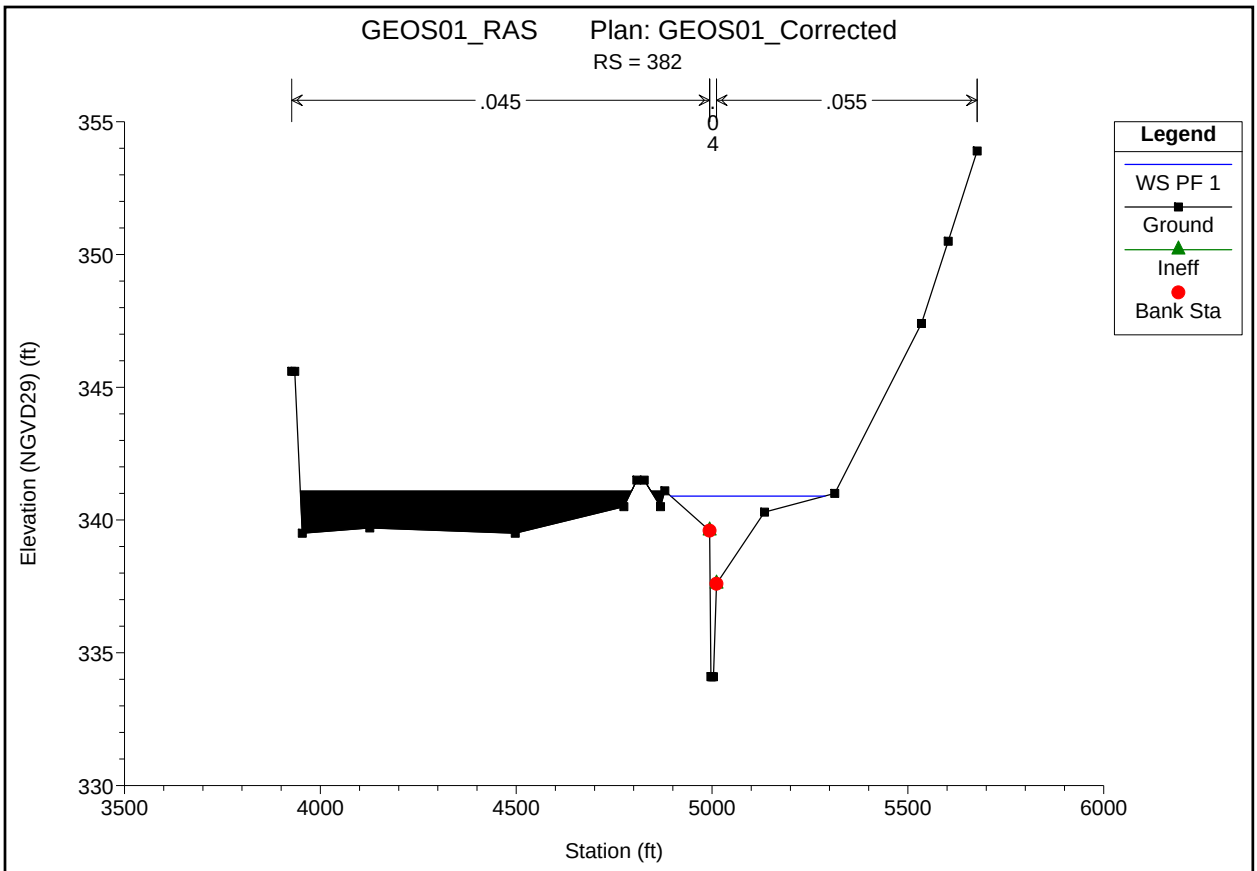
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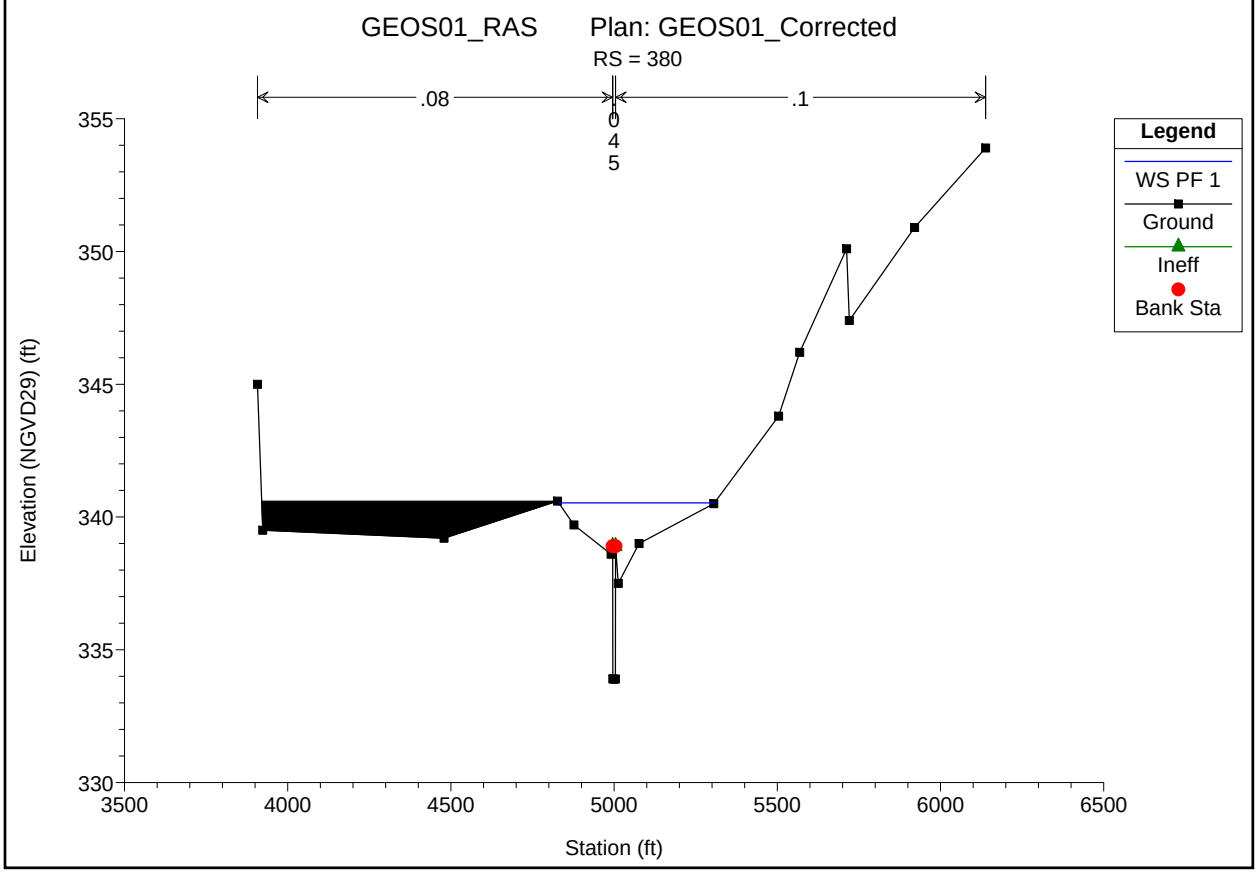
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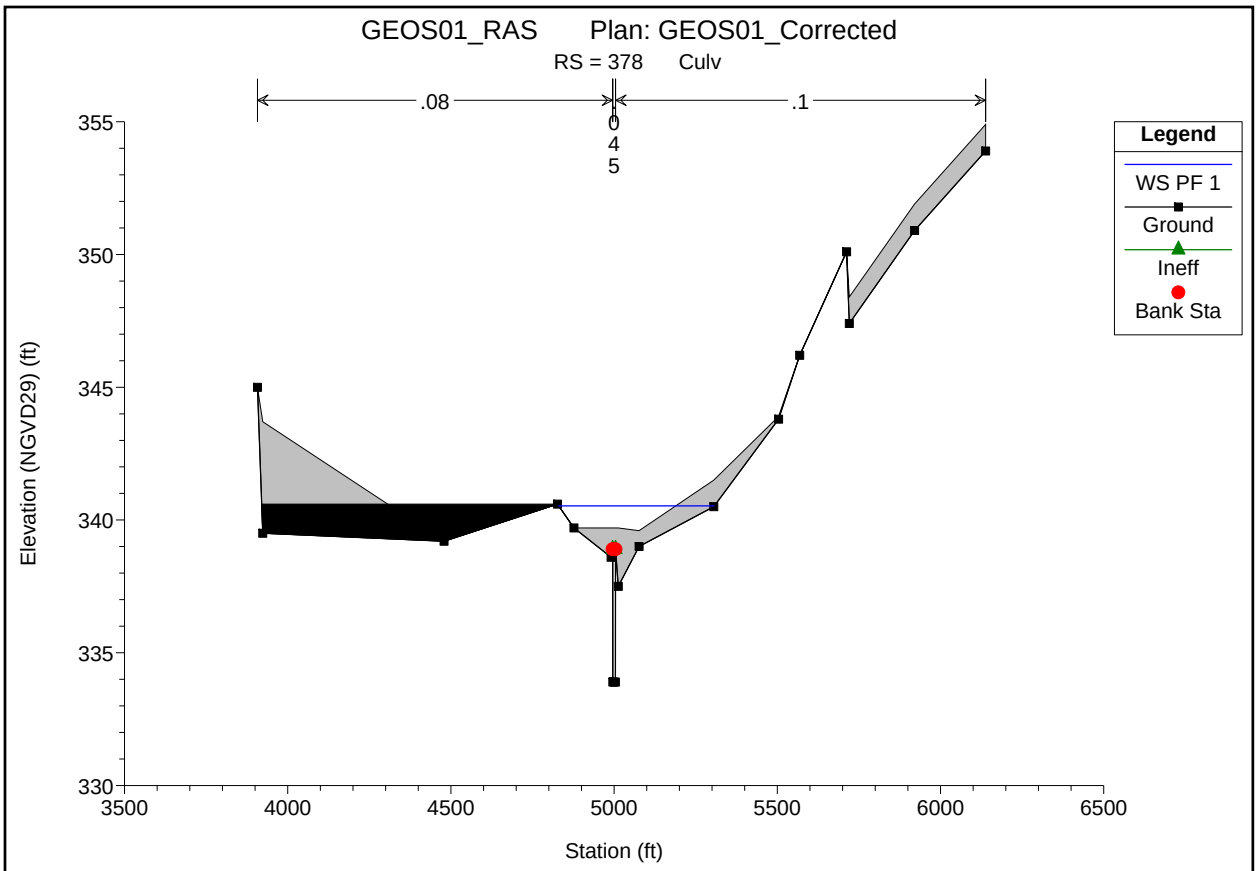
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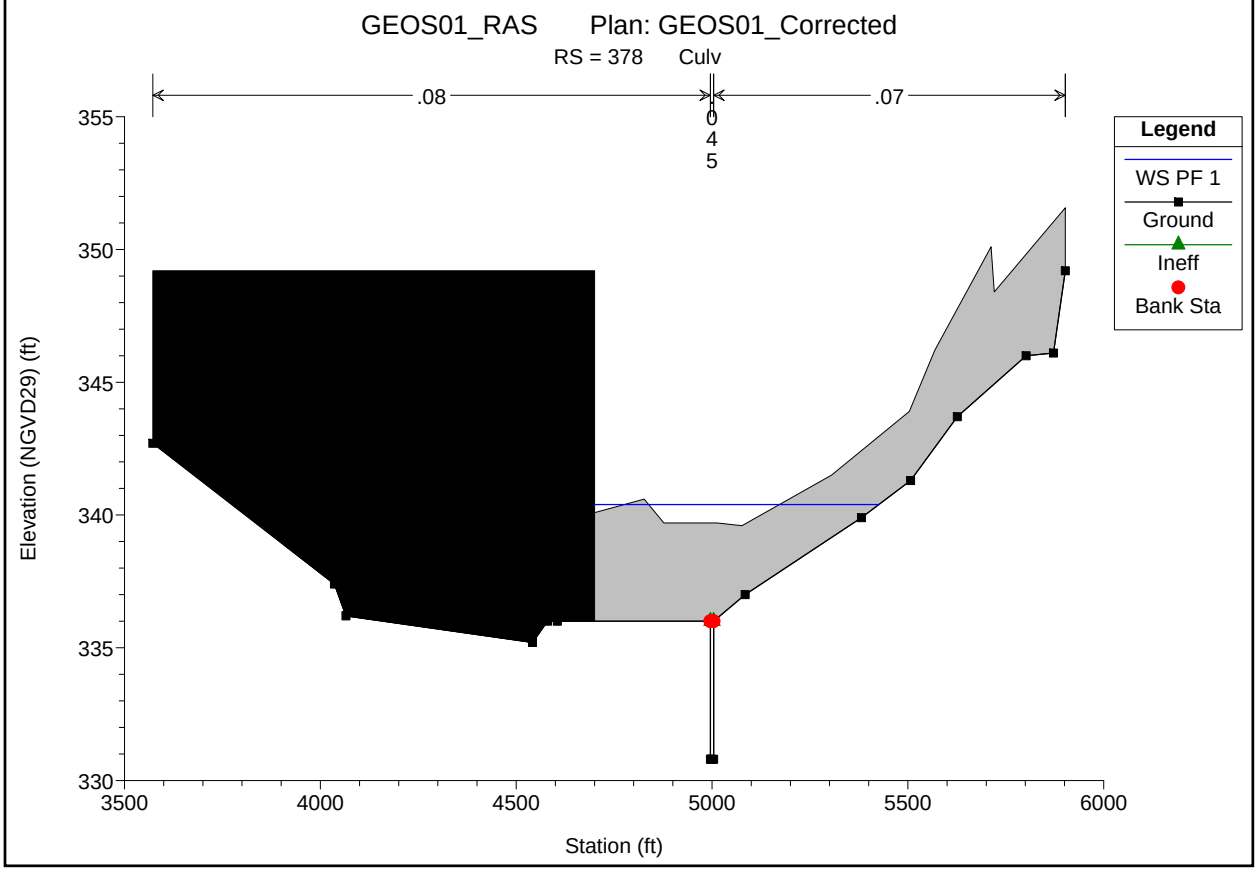
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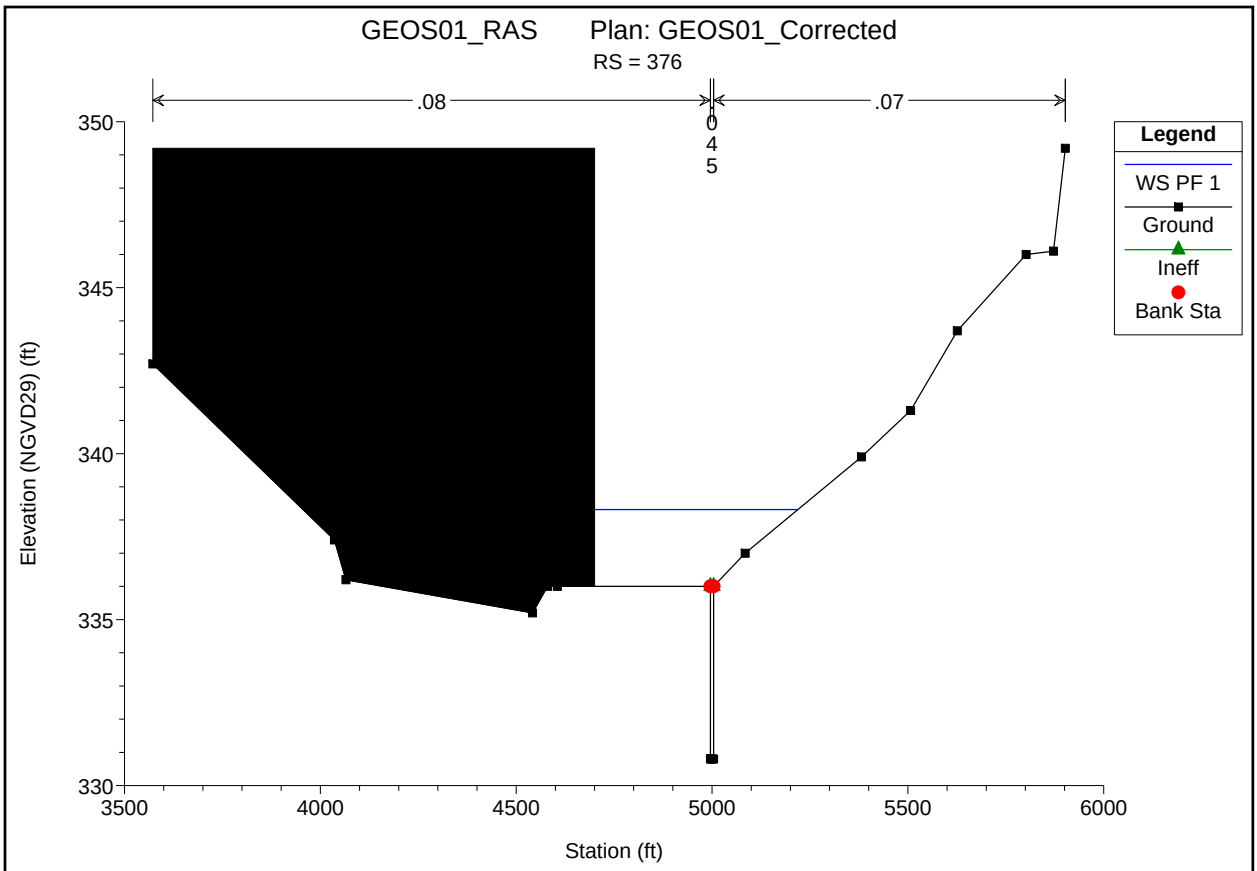
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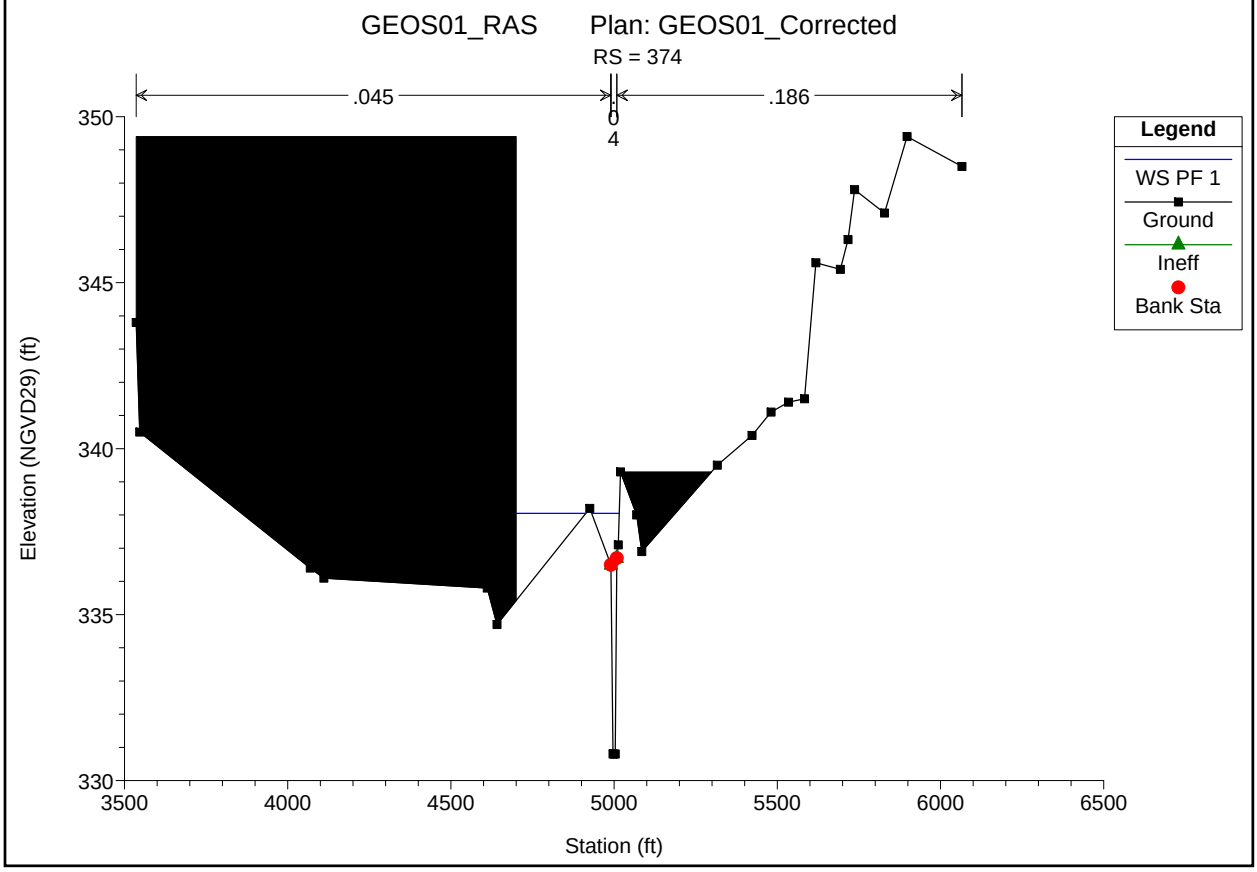
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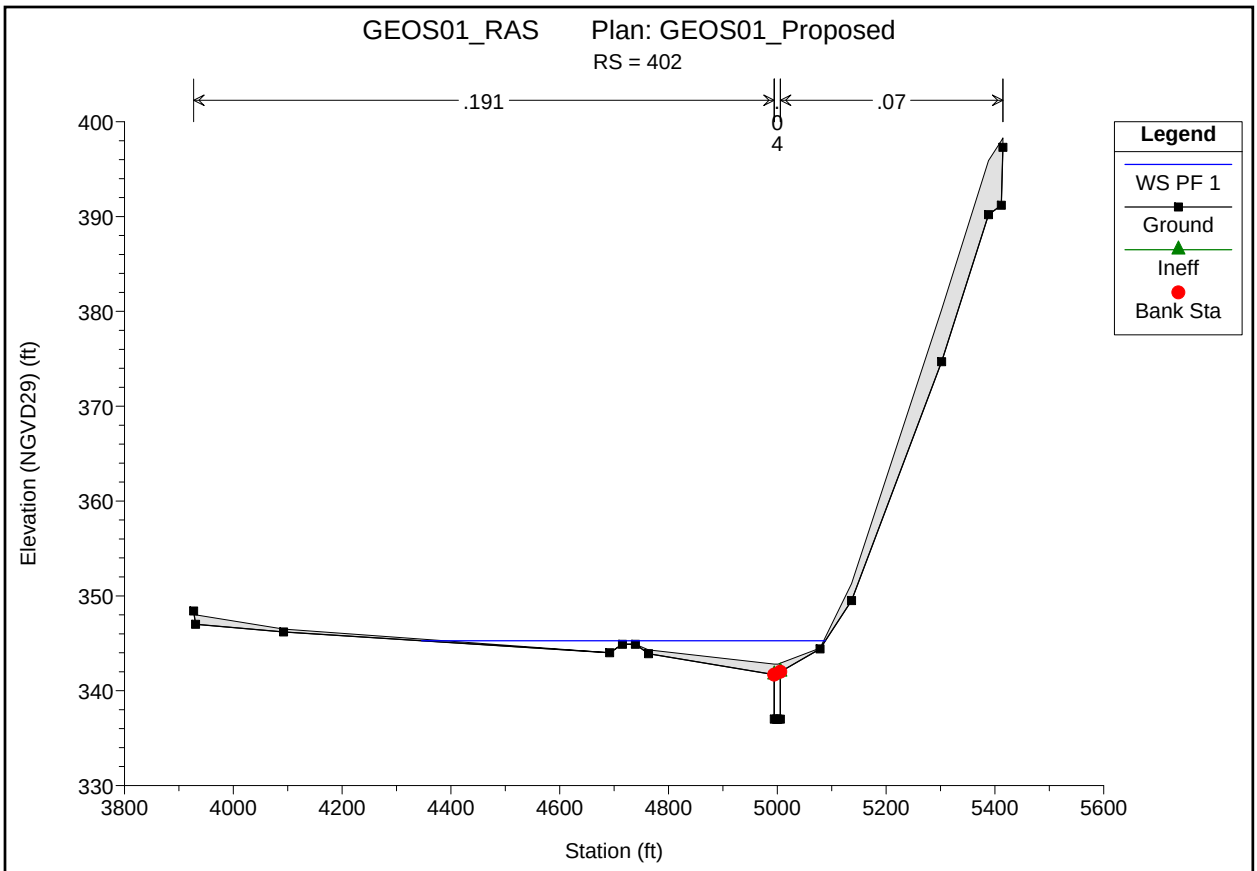
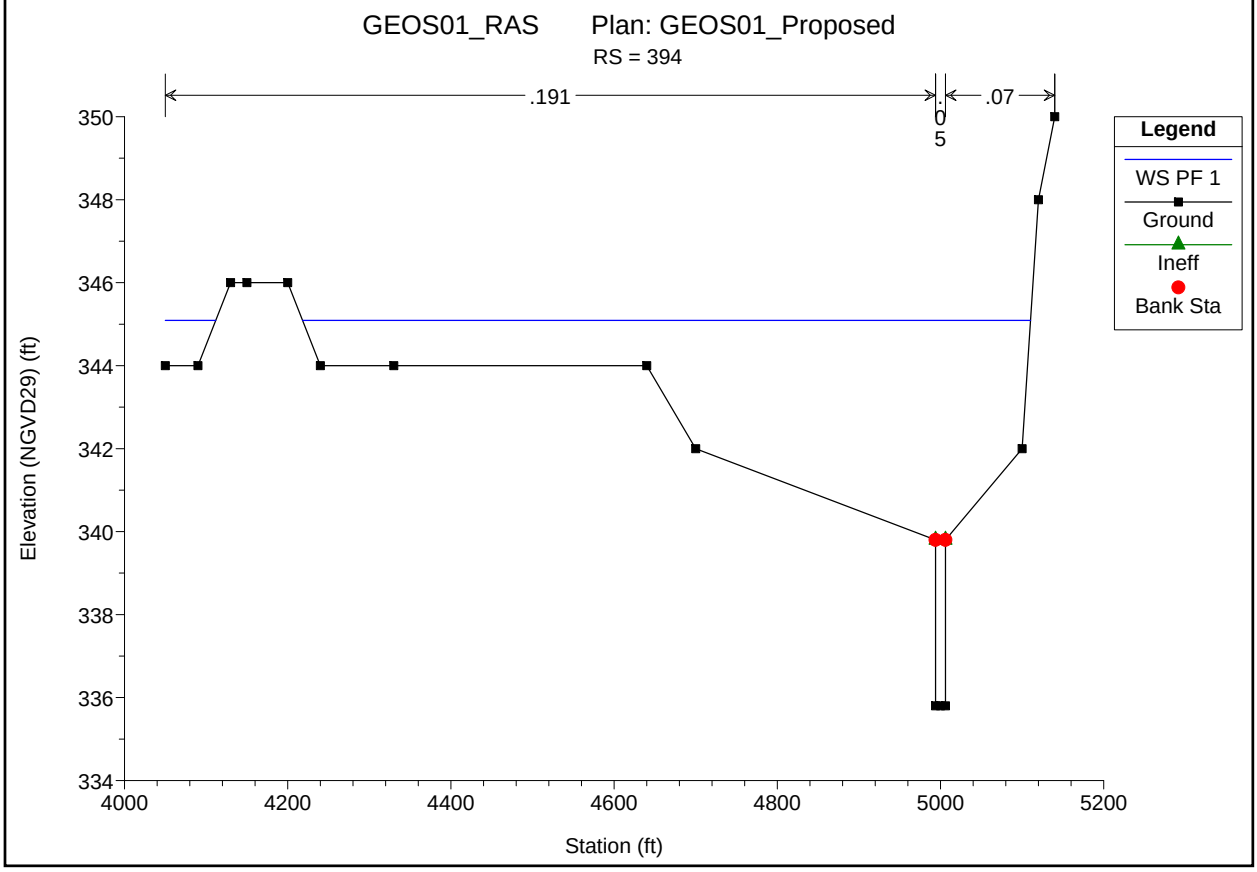
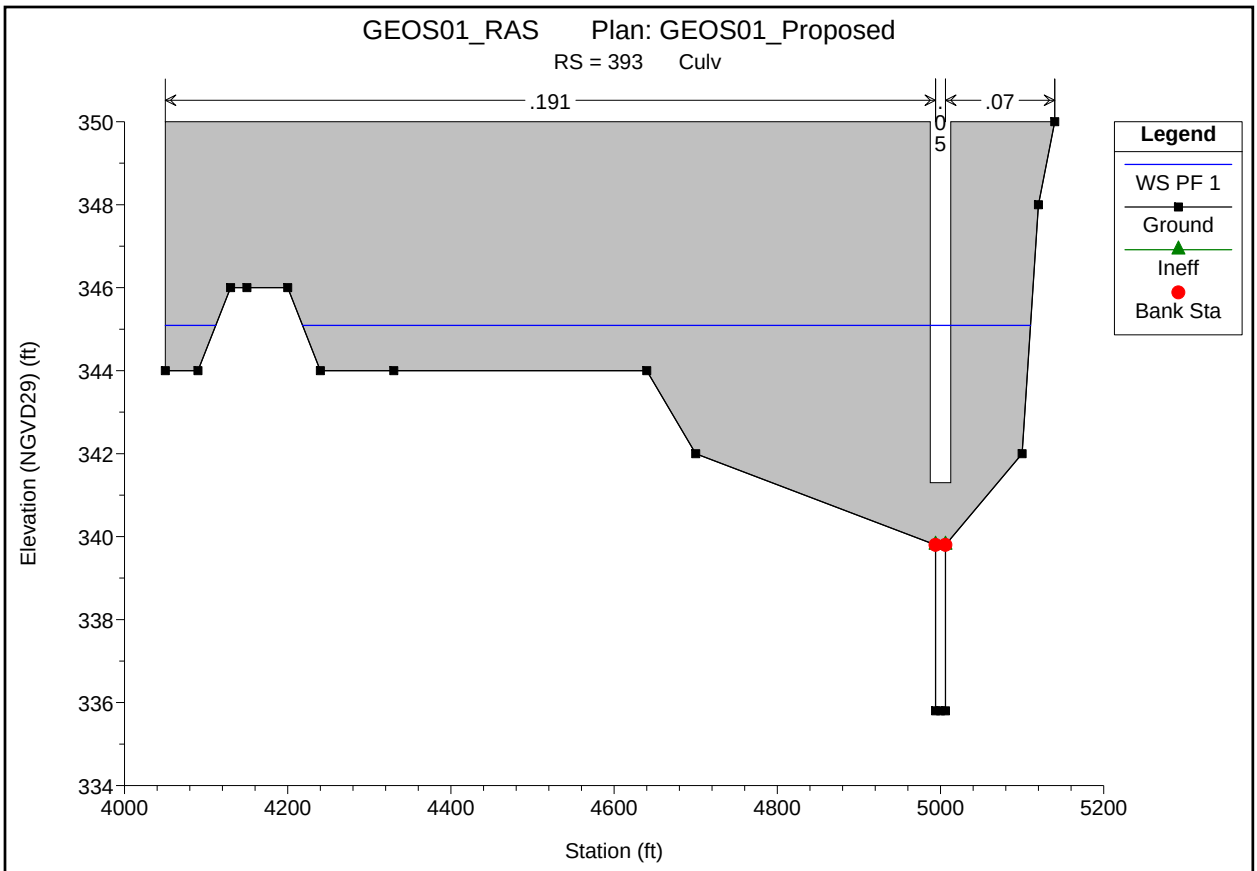
Proposed Cross Sections
HEC-RAS 5.0.7 model



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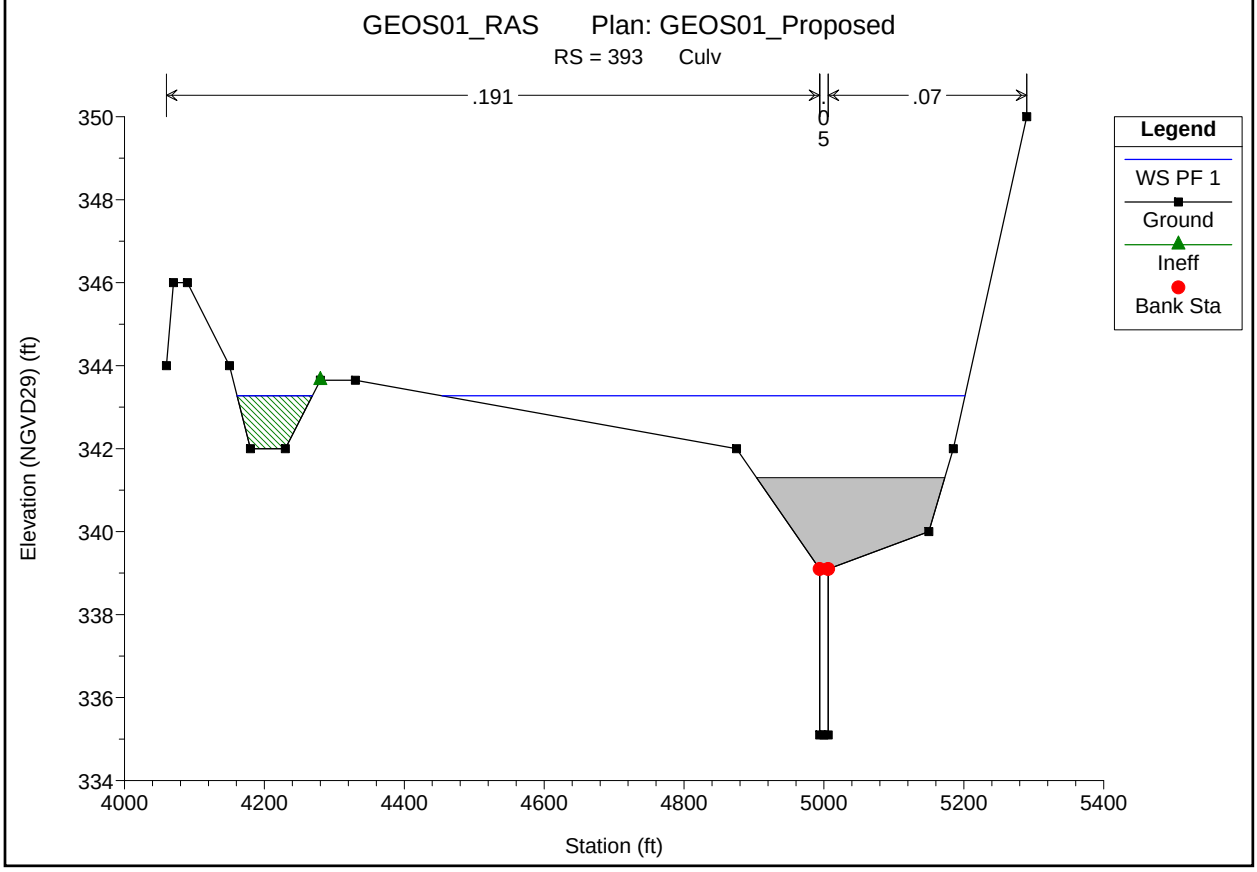
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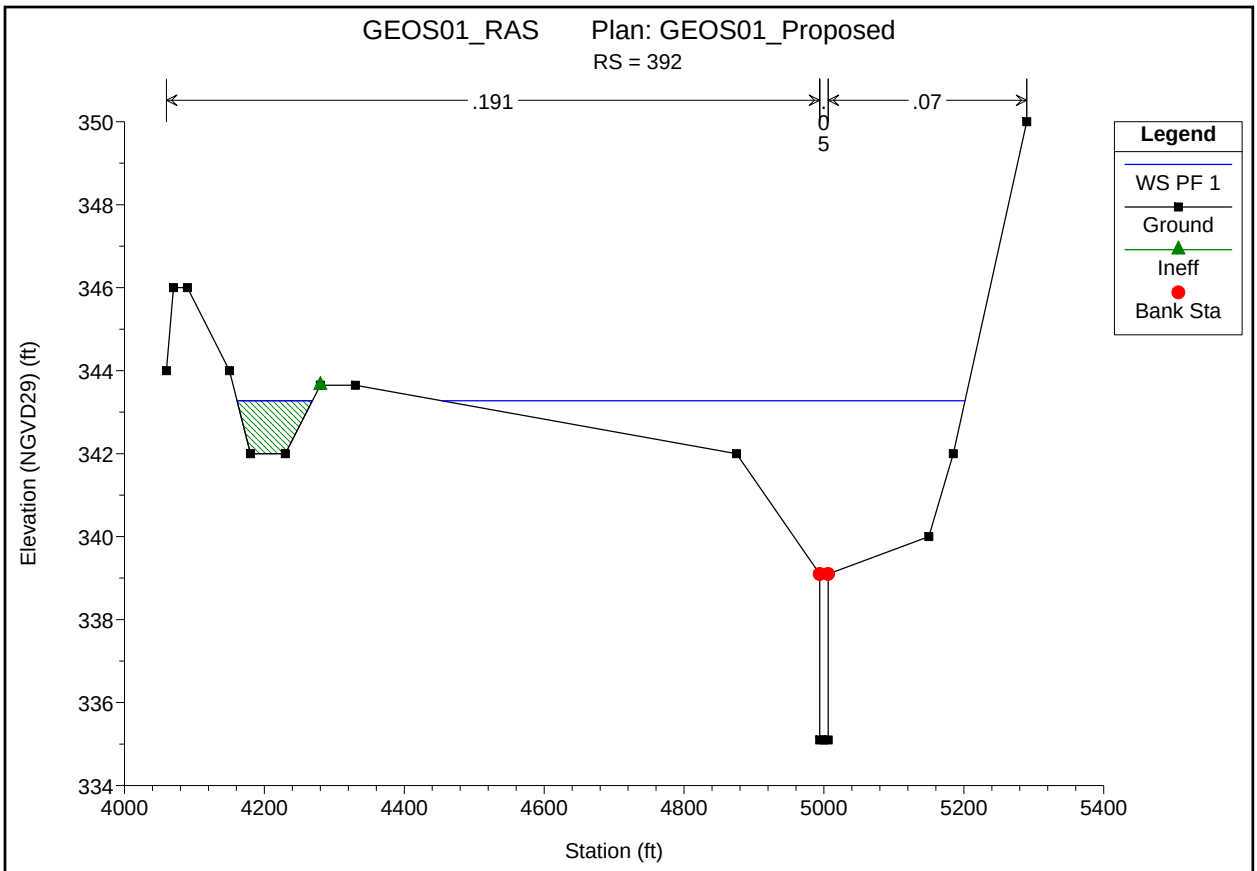
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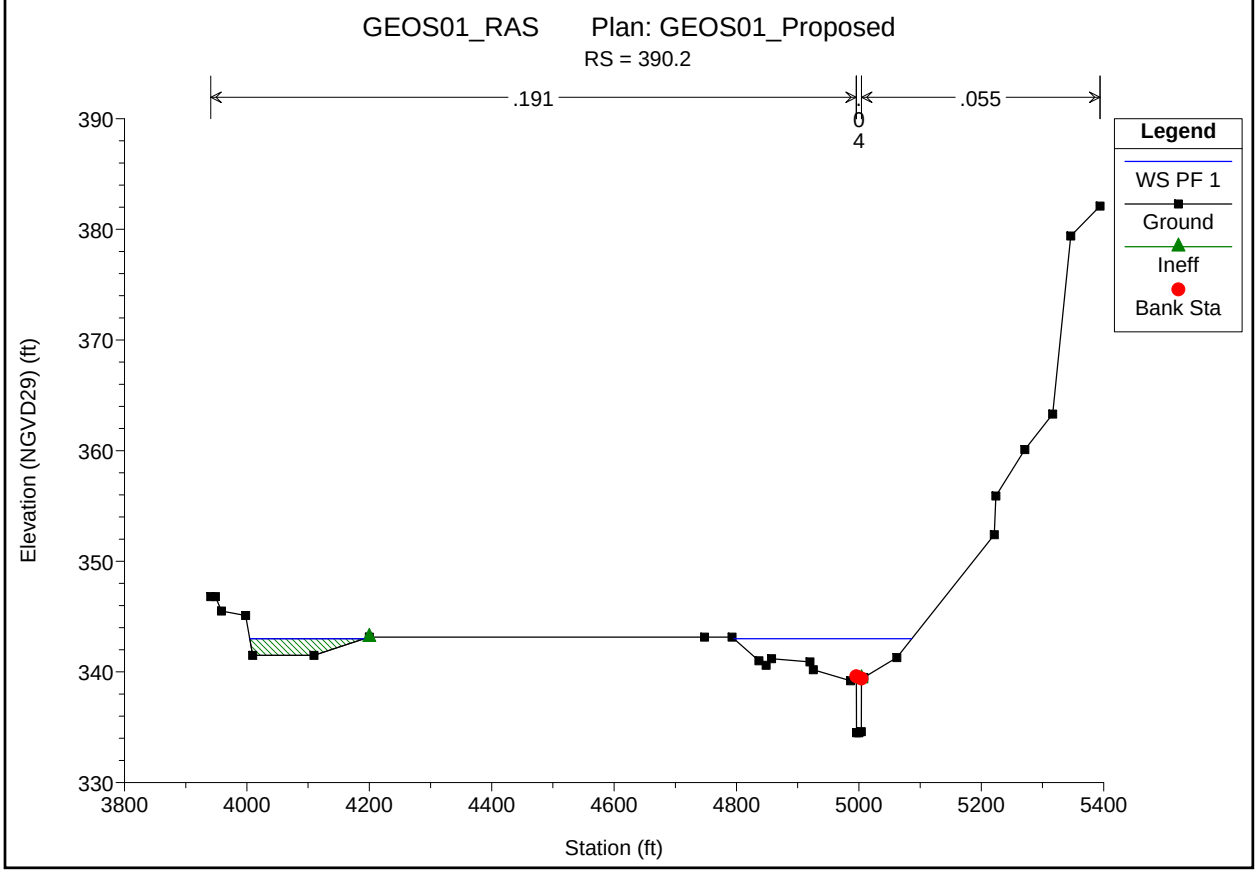
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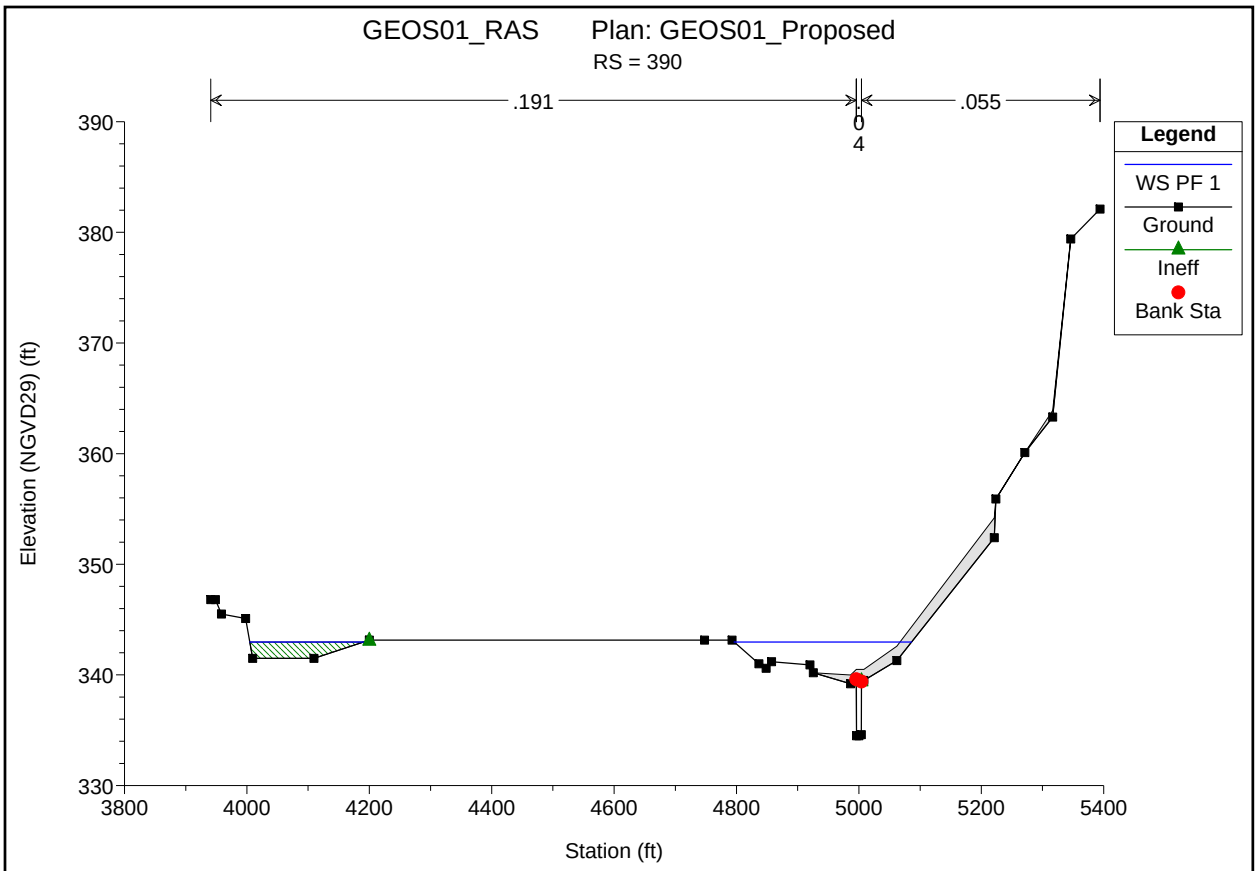
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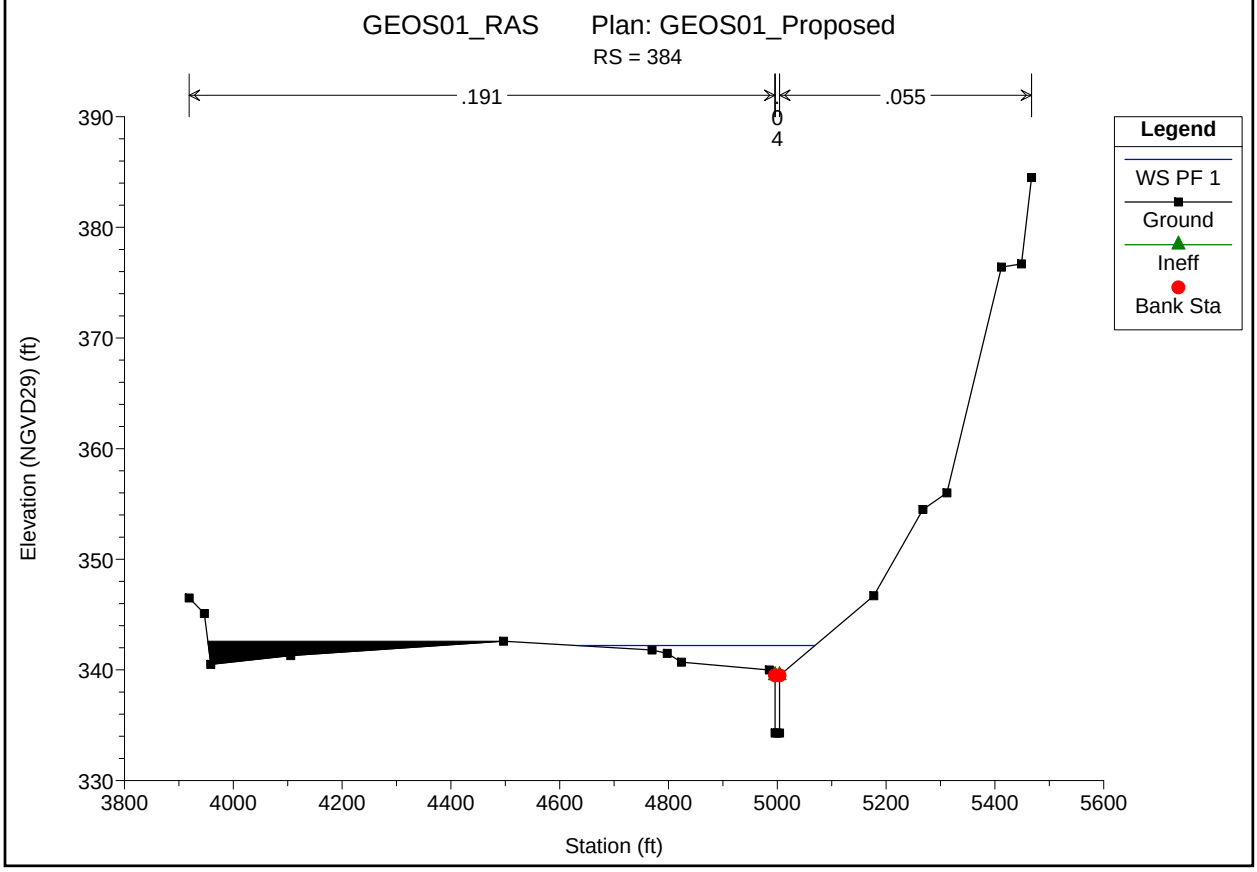
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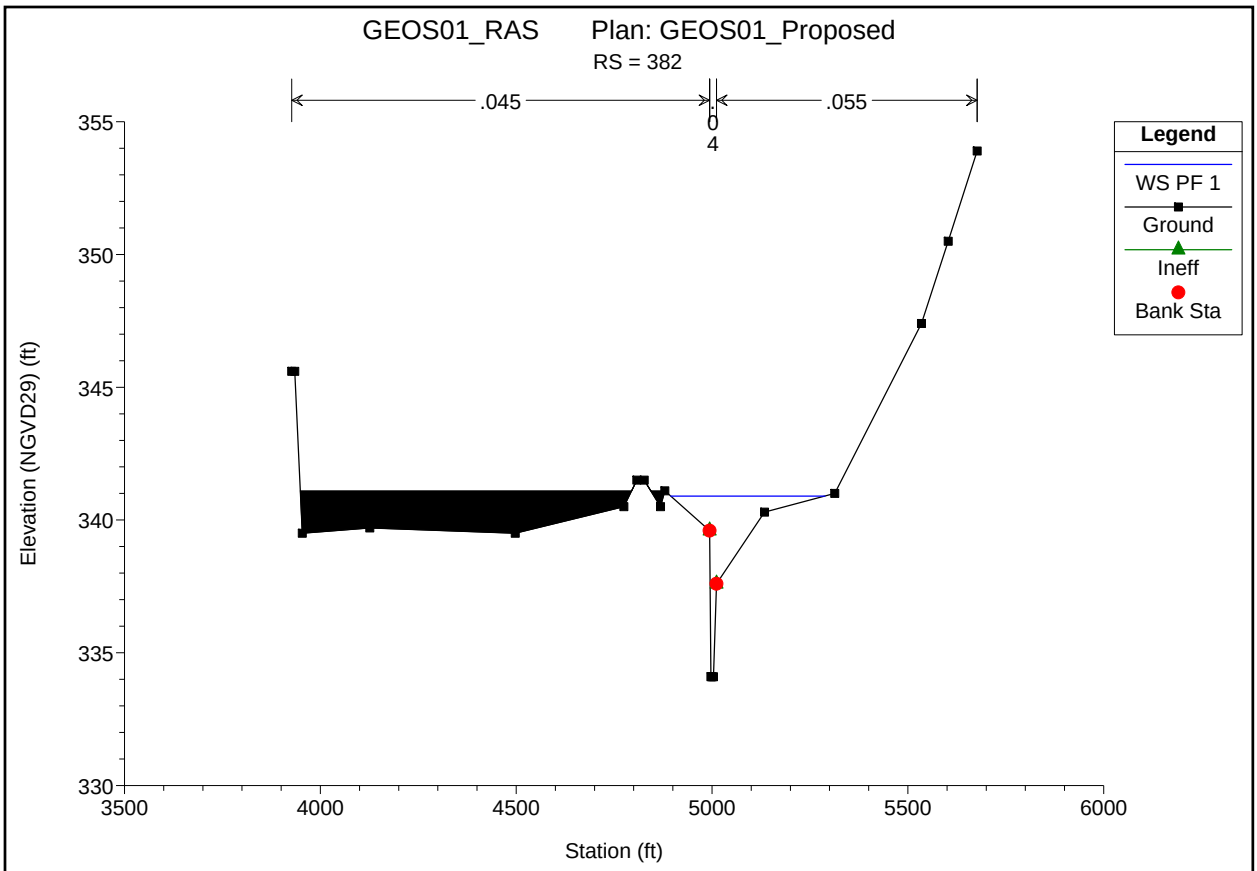
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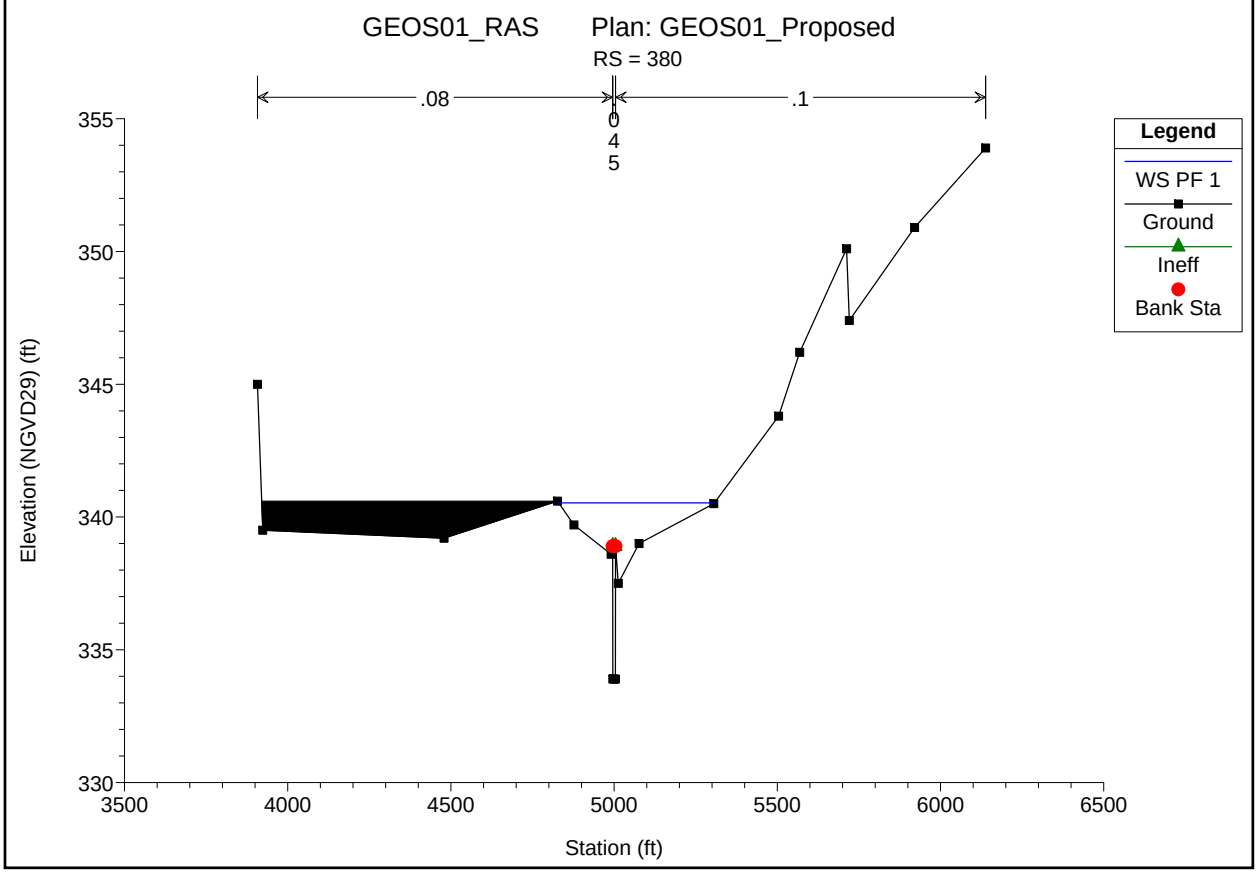
GEOS01_RAS Plan: GEOS01_Proposed
RS = 380
.08
.1
.045
Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (NGVD29) (ft)
Station (ft)
355
350
345
340
335
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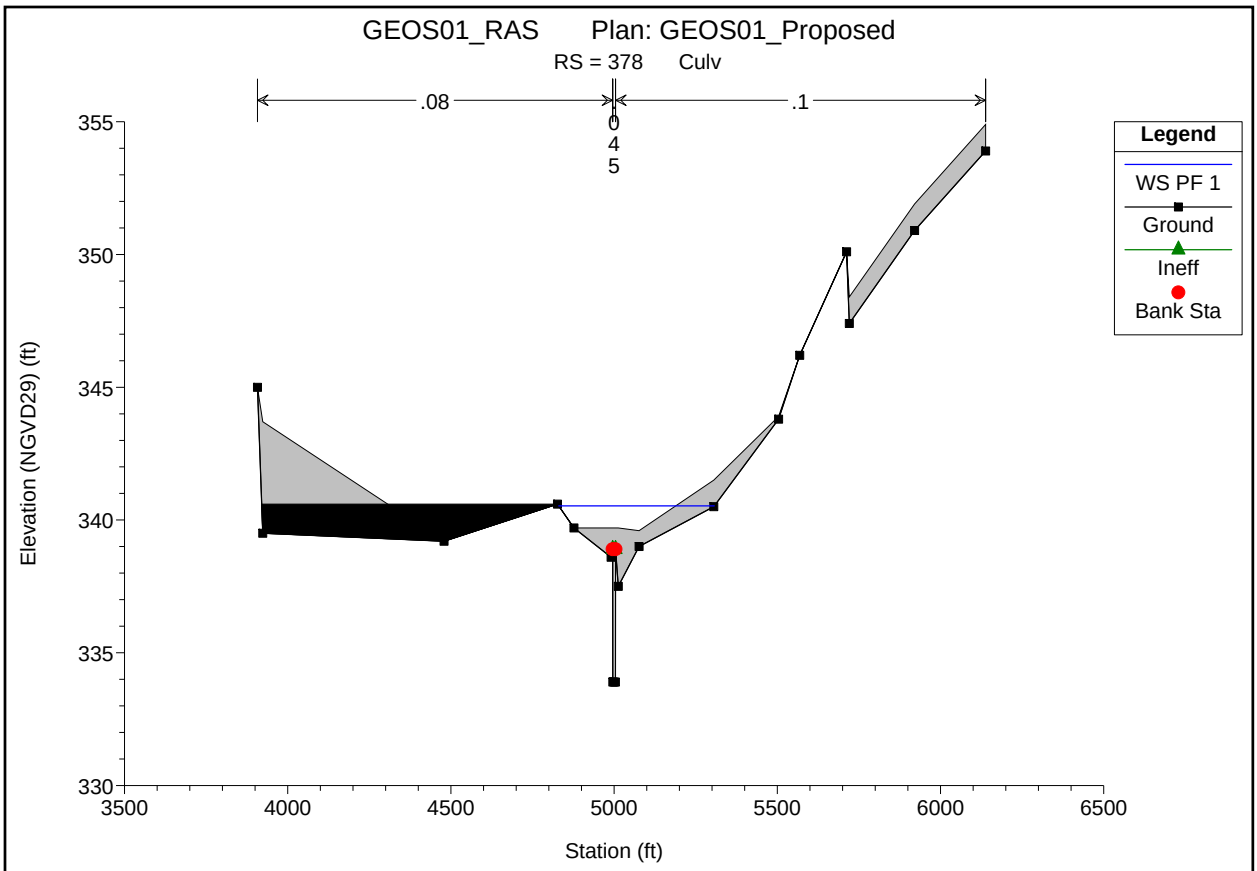
3500
4000
4500
5000
5500
6000
6500


GEOS01_RAS Plan: GEOS01_Proposed
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.08
.1
0
4
5
Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (NGVD29) (ft)
Station (ft)
355
350
345
340
335
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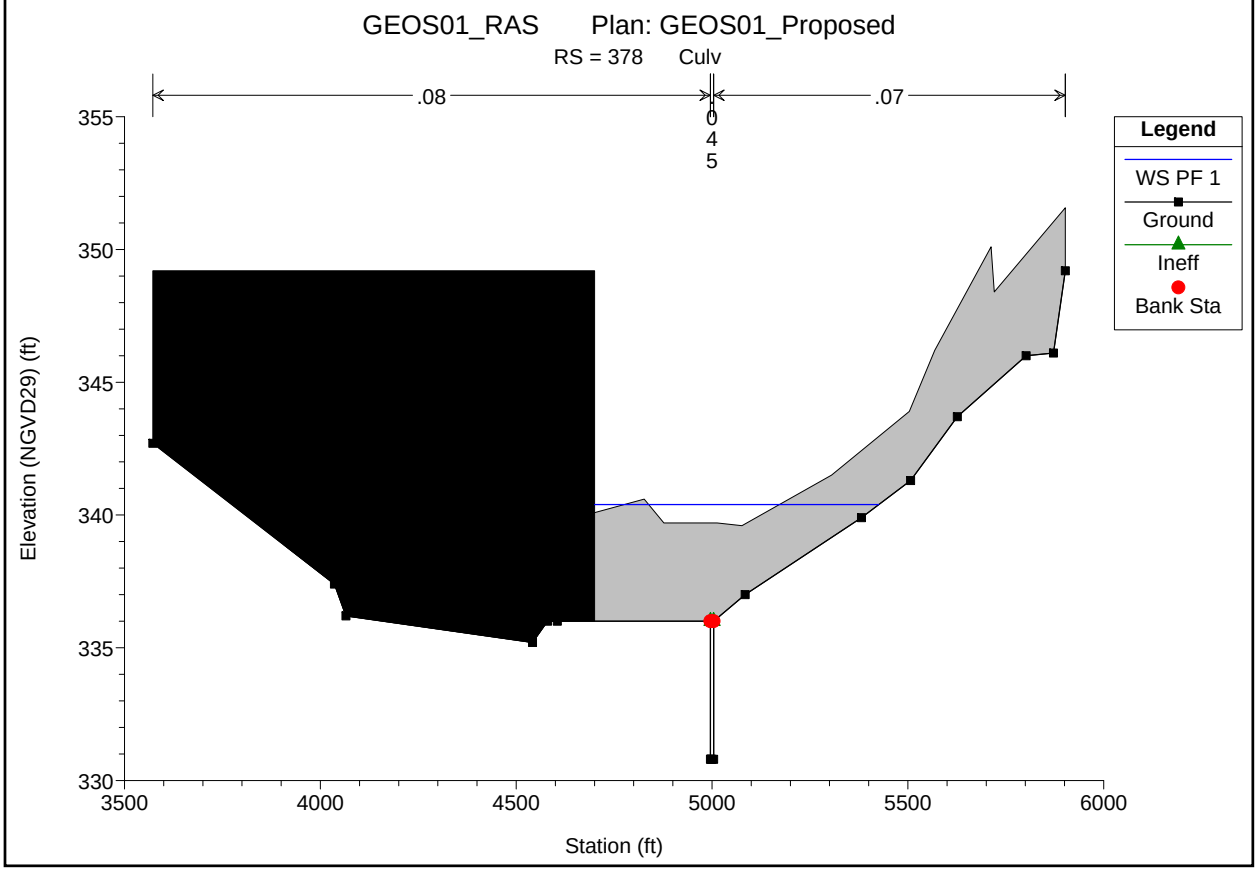
3500
4000
4500
5000
5500
6000
6500


GEOS01_RAS Plan: GEOS01_Proposed
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0
4
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Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (NGVD29) (ft)
Station (ft)
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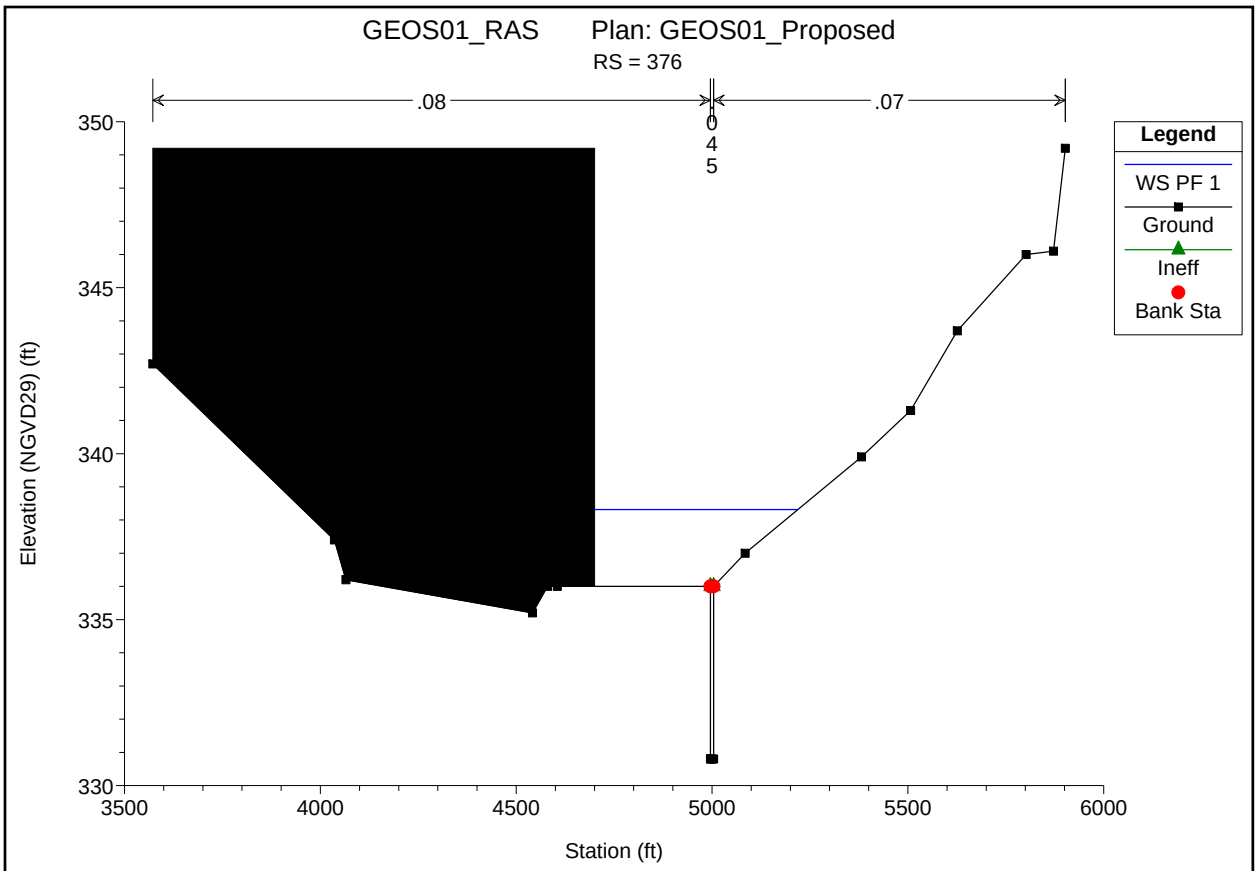
350
345
340
335
330
3500
4000
4500
5000
5500
6000


GEOS01_RAS Plan: GEOS01_Proposed
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.07
0
4
5
Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (NGVD29) (ft)
Station (ft)
350
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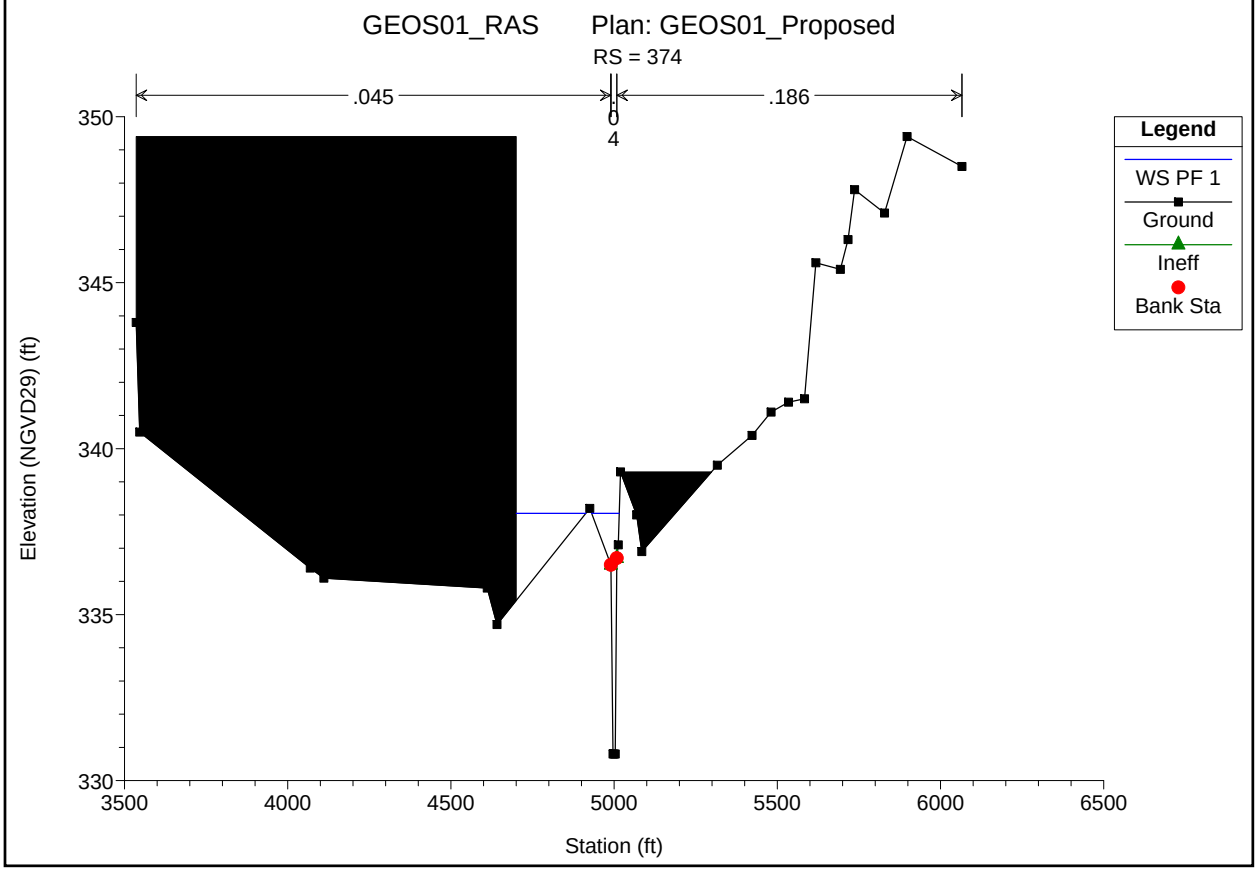
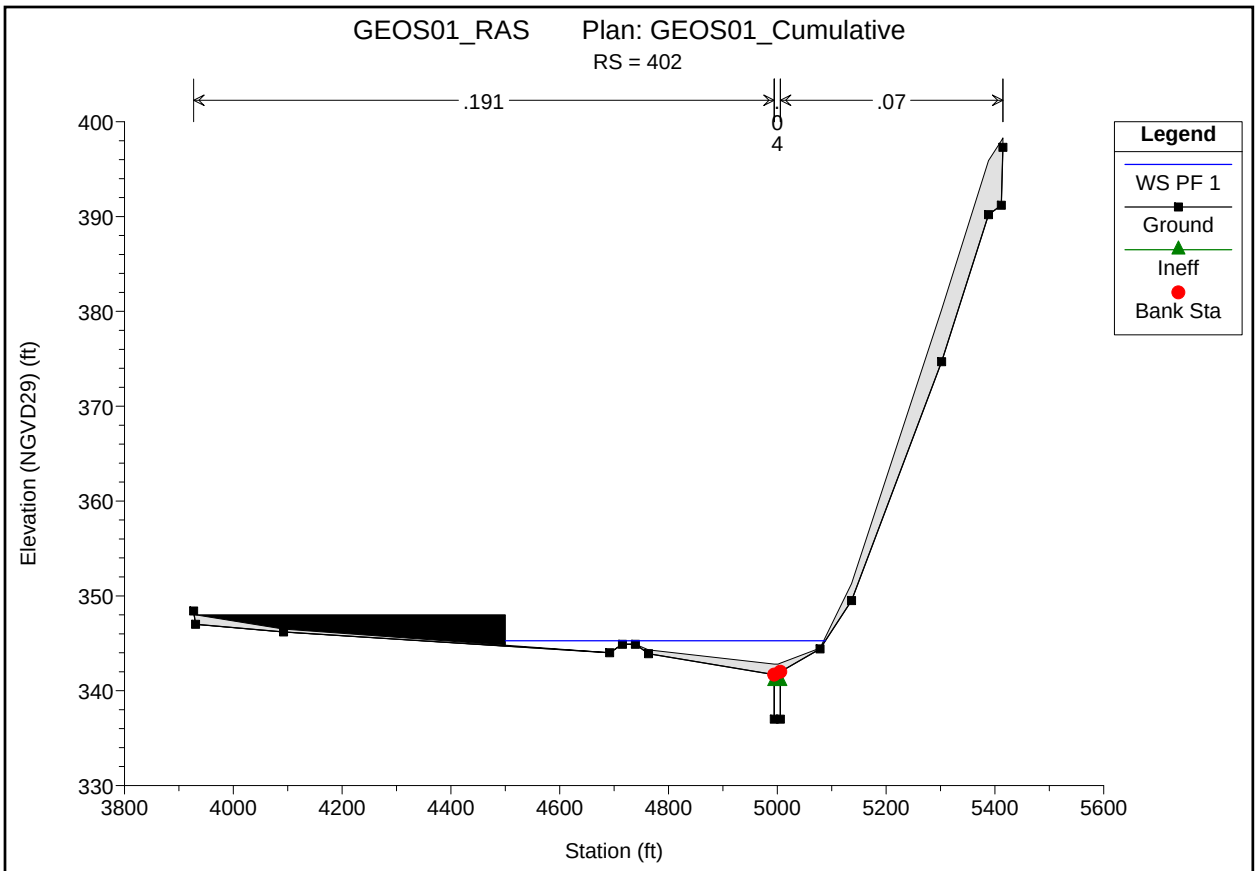
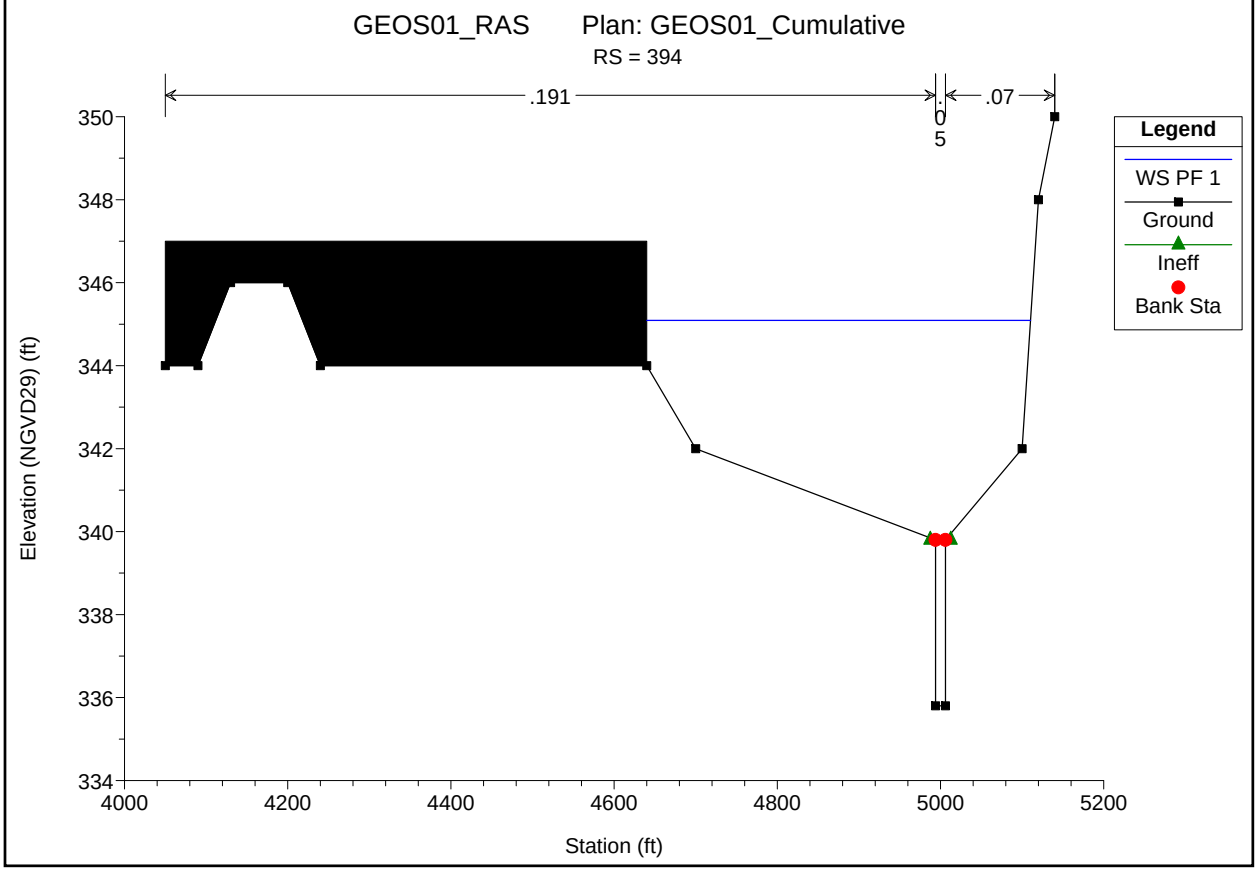
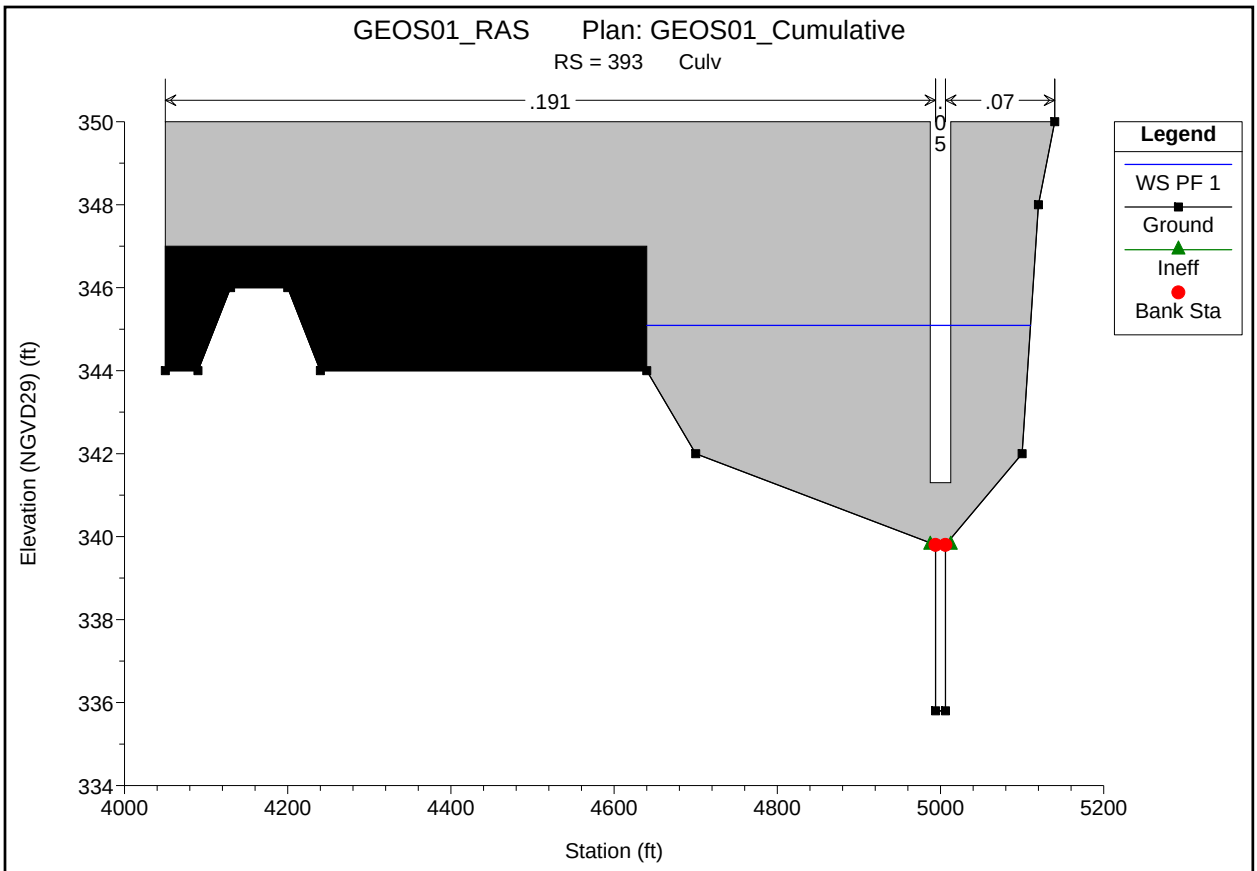
340
335
330
3500
4000
4500
5000
5500
6000

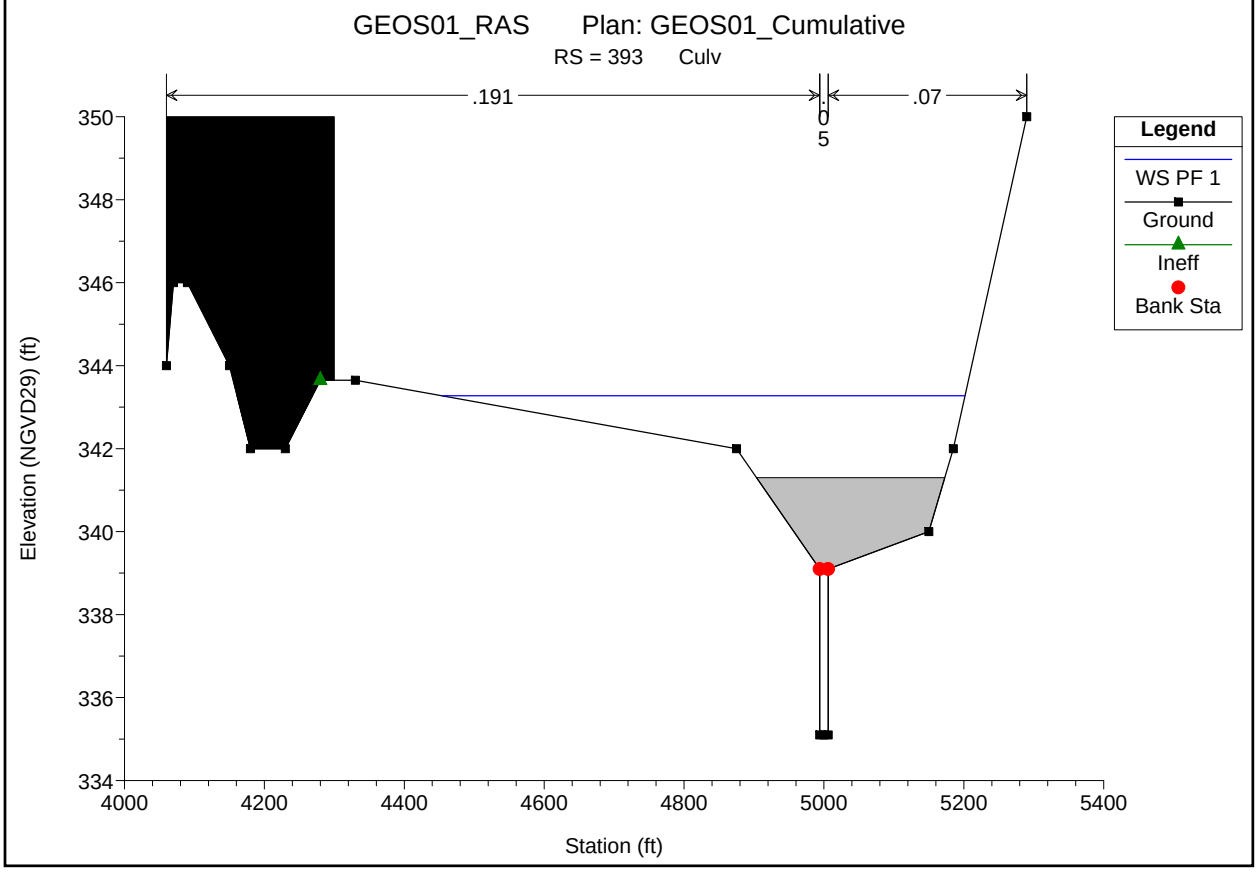

GEOS01_RAS Plan: GEOS01_Proposed
RS = 374
.045
.186
0
4
Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (NGVD29) (ft)
Station (ft)
350
345
340
335
330
3500
4000
4500
5000
5500
6000
6500

Cumulative Impacts Cross Sections
HEC-RAS 5.0.7 model






GEOS01_RAS Plan: GEOS01_Cumulative
RS = 393 Culv
.191
.05
.07
Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (NGVD29) (ft)
Station (ft)
350
348
346
344
342
340
338
336
334
4000
4200
4400
4600
4800
5000
5200


GEOS01_RAS Plan: GEOS01_Cumulative
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.191
.05
.07
Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (NGVD29) (ft)
Station (ft)
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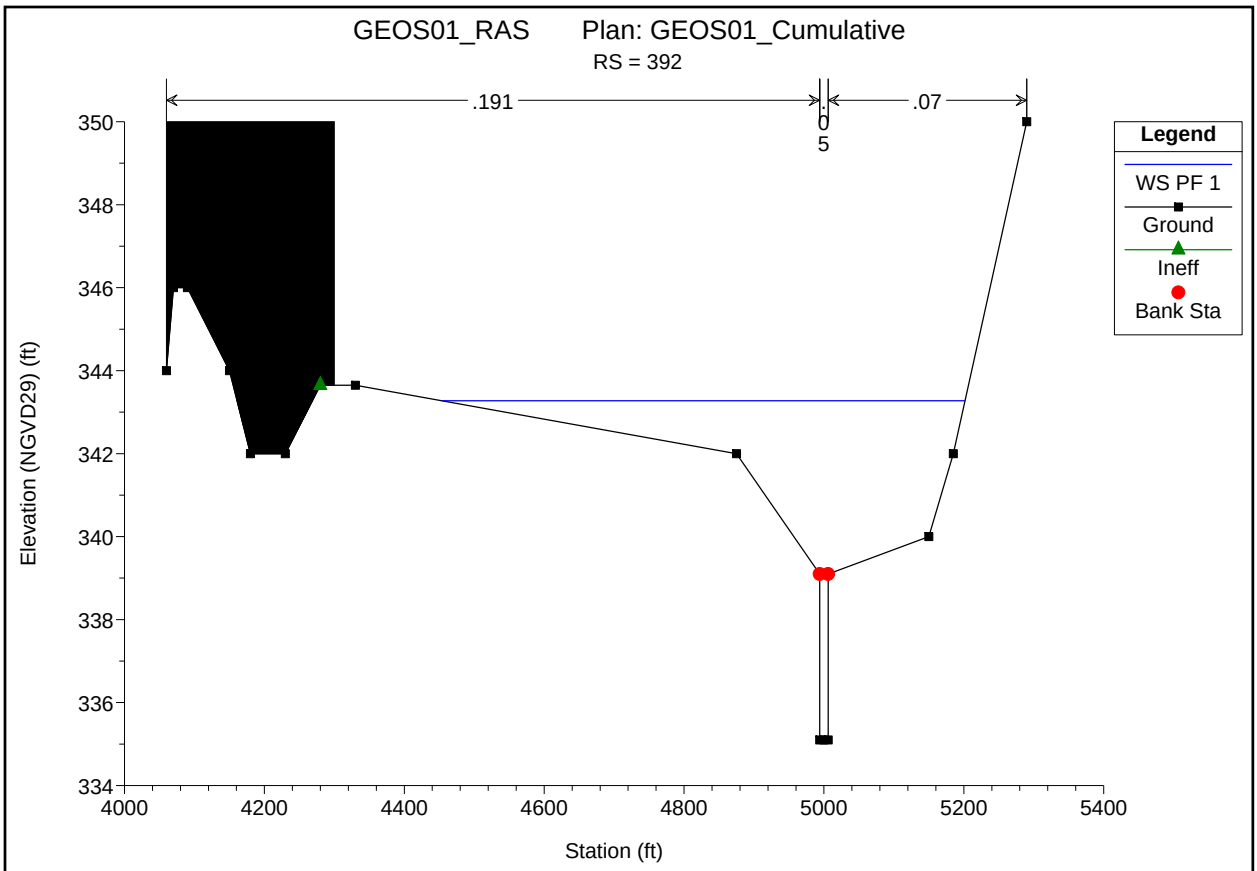
344
342
340
338
336
334
4000
4200
4400
4600
4800
5000
5200
5400


GEOS01_RAS Plan: GEOS01_Cumulative
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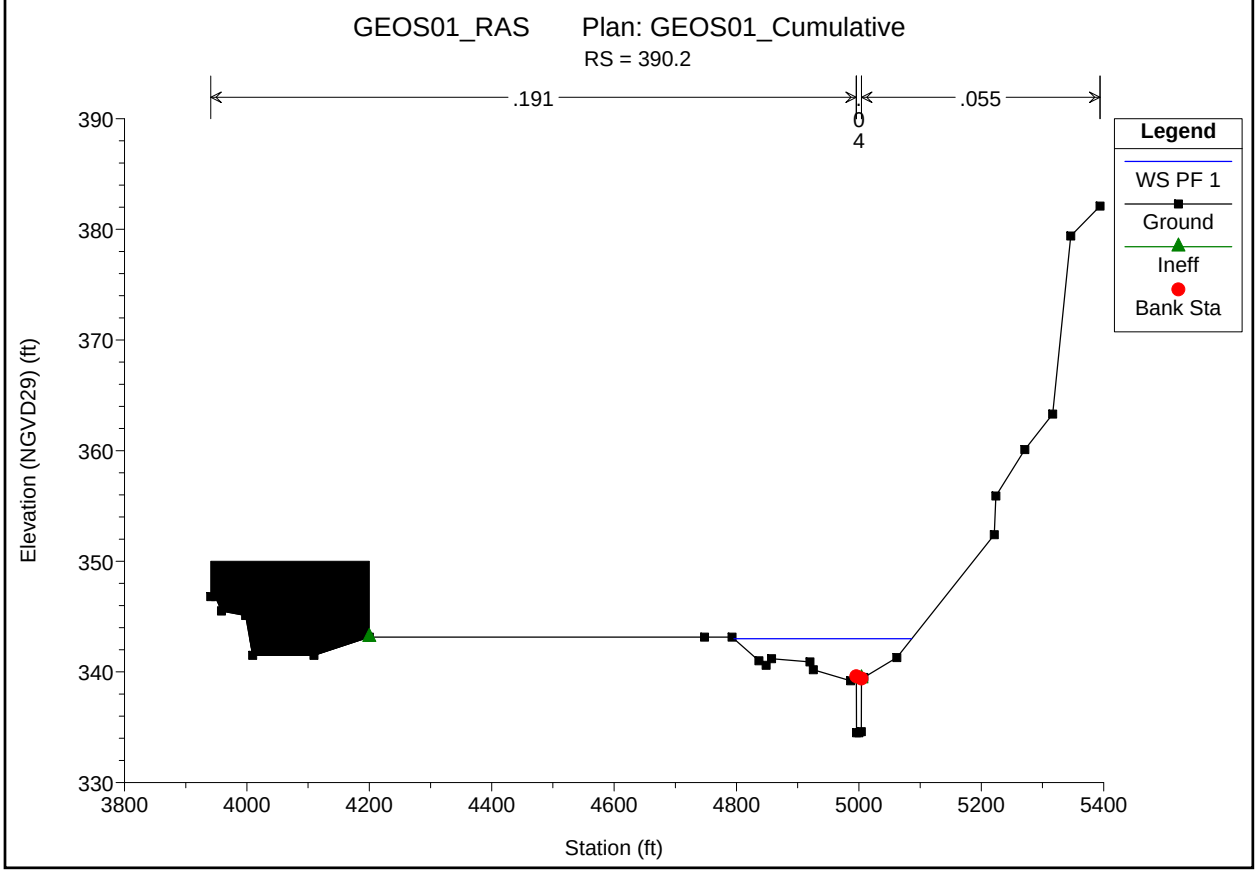
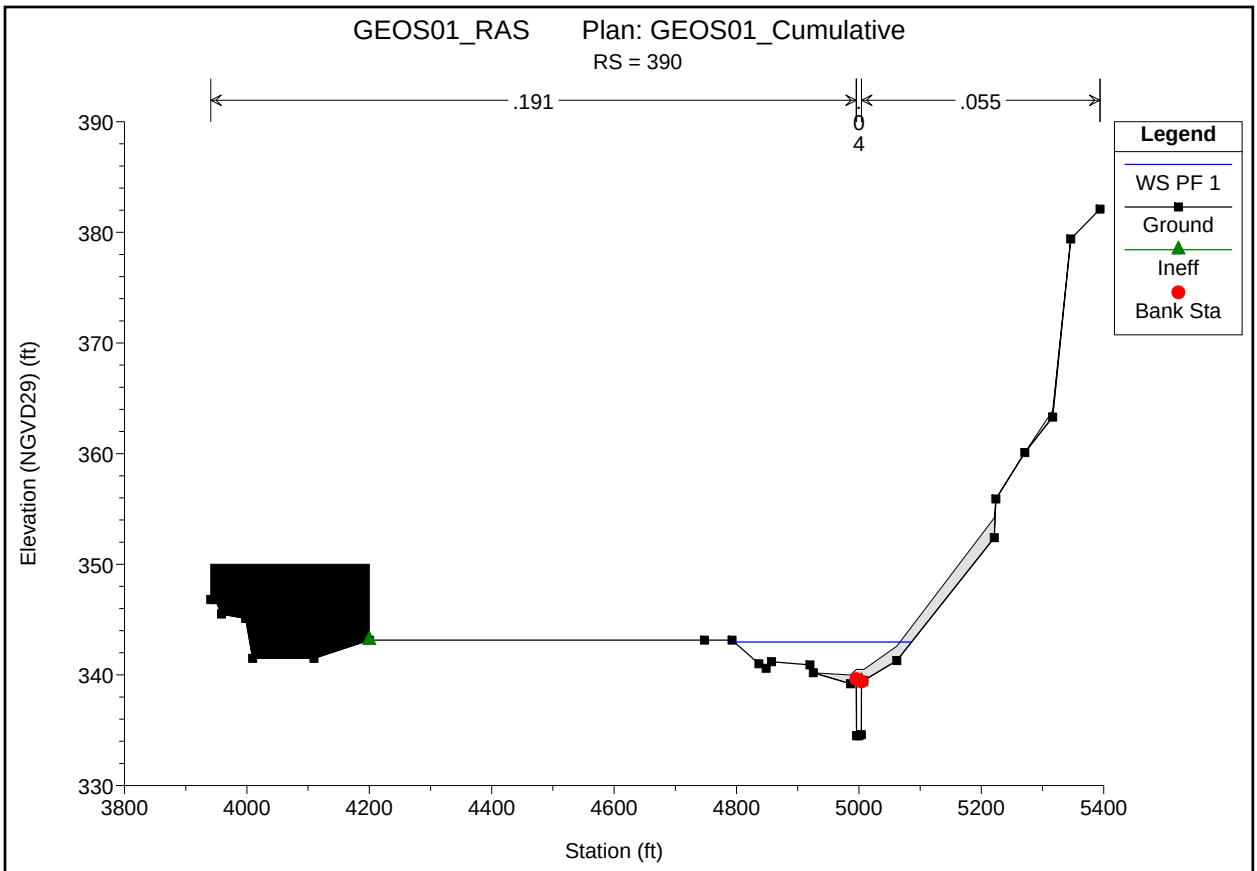
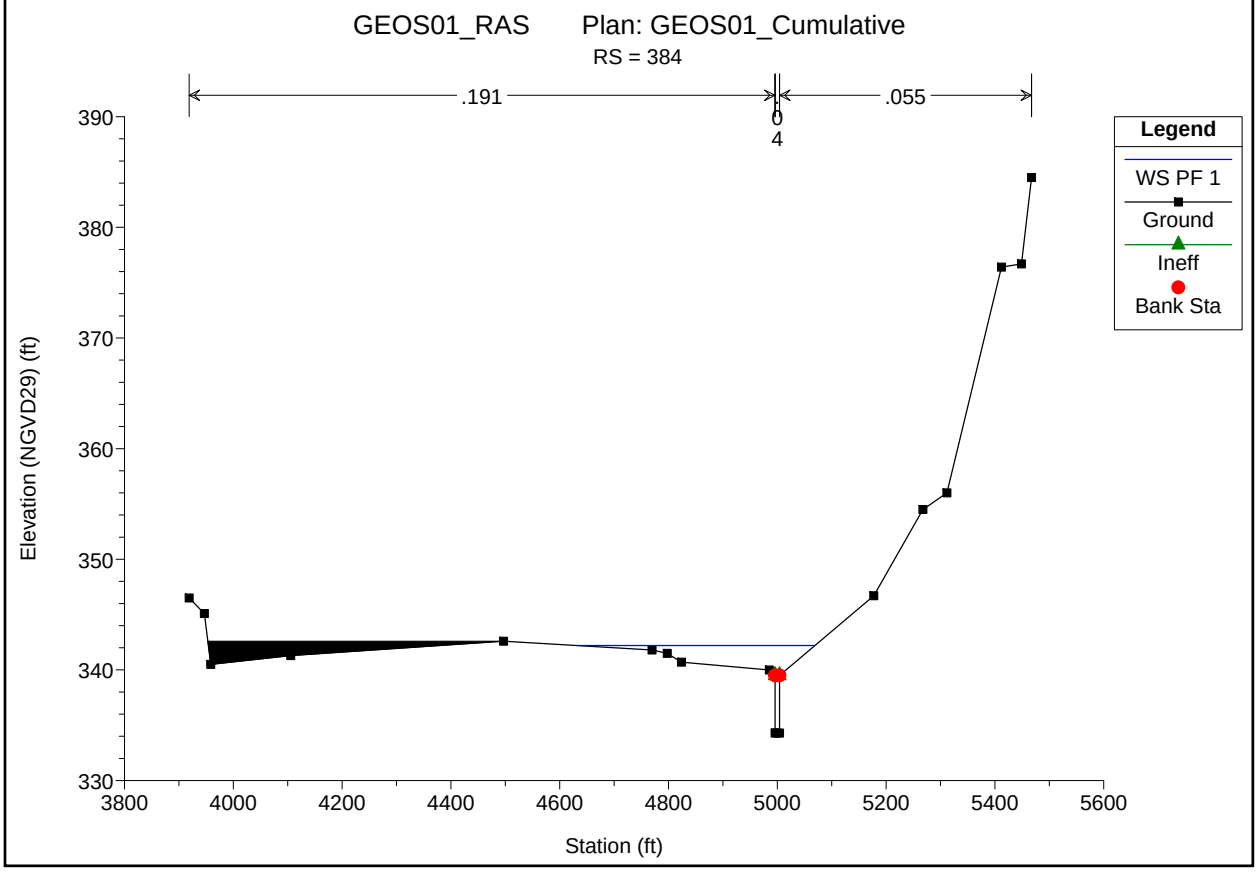
.07
Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (NGVD29) (ft)
Station (ft)


GEOS01_RAS Plan: GEOS01_Cumulative
RS = 390.2
.191
.055
Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (NGVD29) (ft)
Station (ft)


GEOS01_RAS Plan: GEOS01_Cumulative
RS = 390
.191
.055
0
4
Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (NGVD29) (ft)
Station (ft)
390
380
370
360
350
340
330
3800
4000
4200
4400
4600
4800
5000
5200
5400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.191
.055
0
4
Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (NGVD29) (ft)
Station (ft)
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380
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360
350
340
330
3800
4000
4200
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4600
4800
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5200
5400
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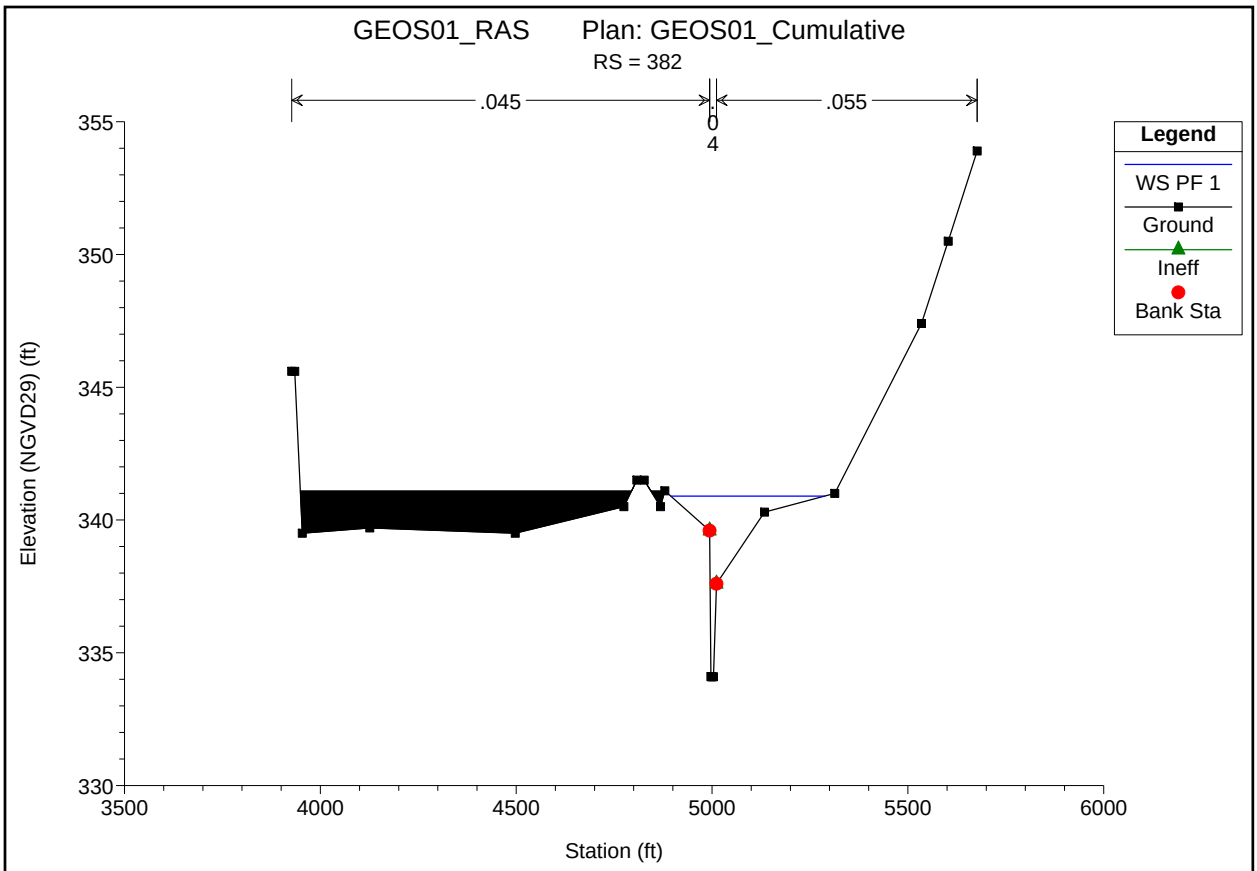
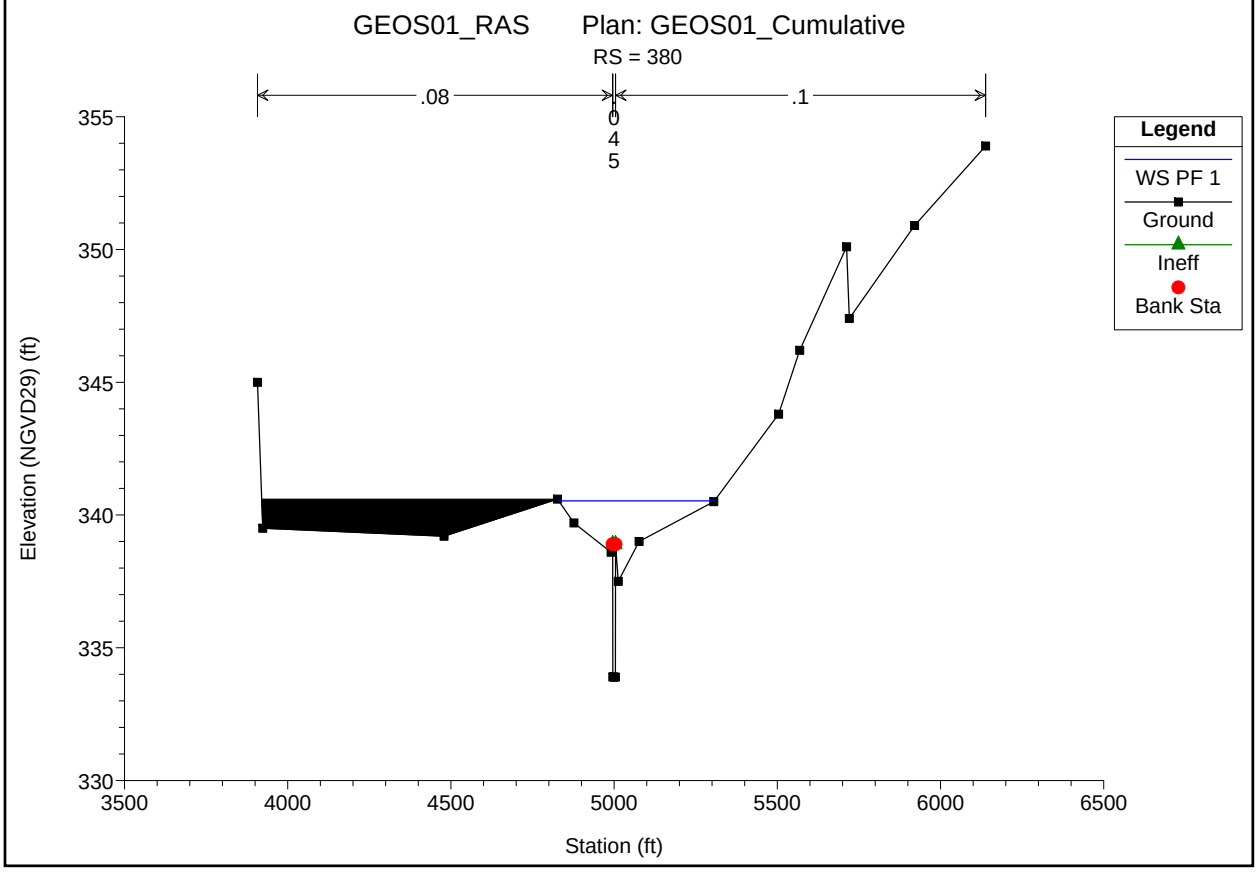
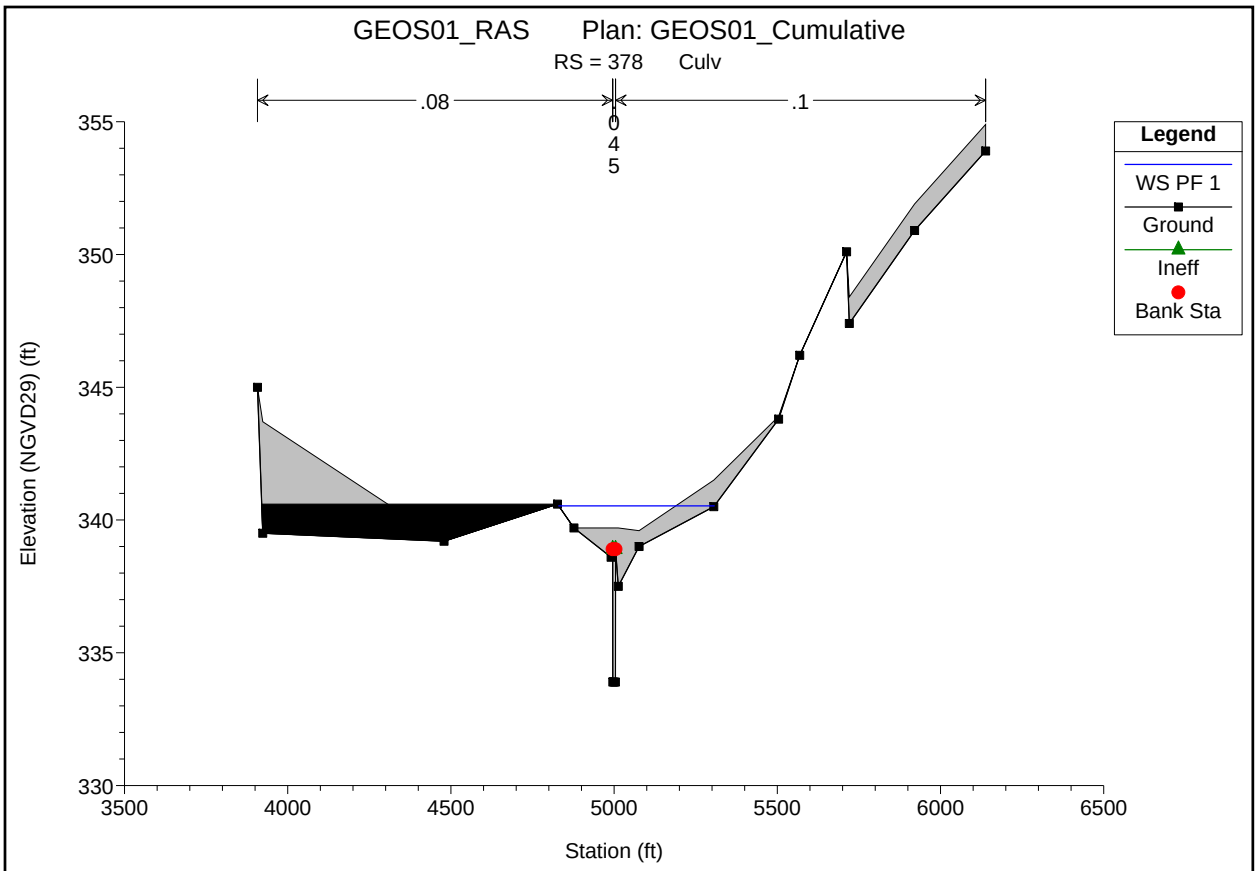
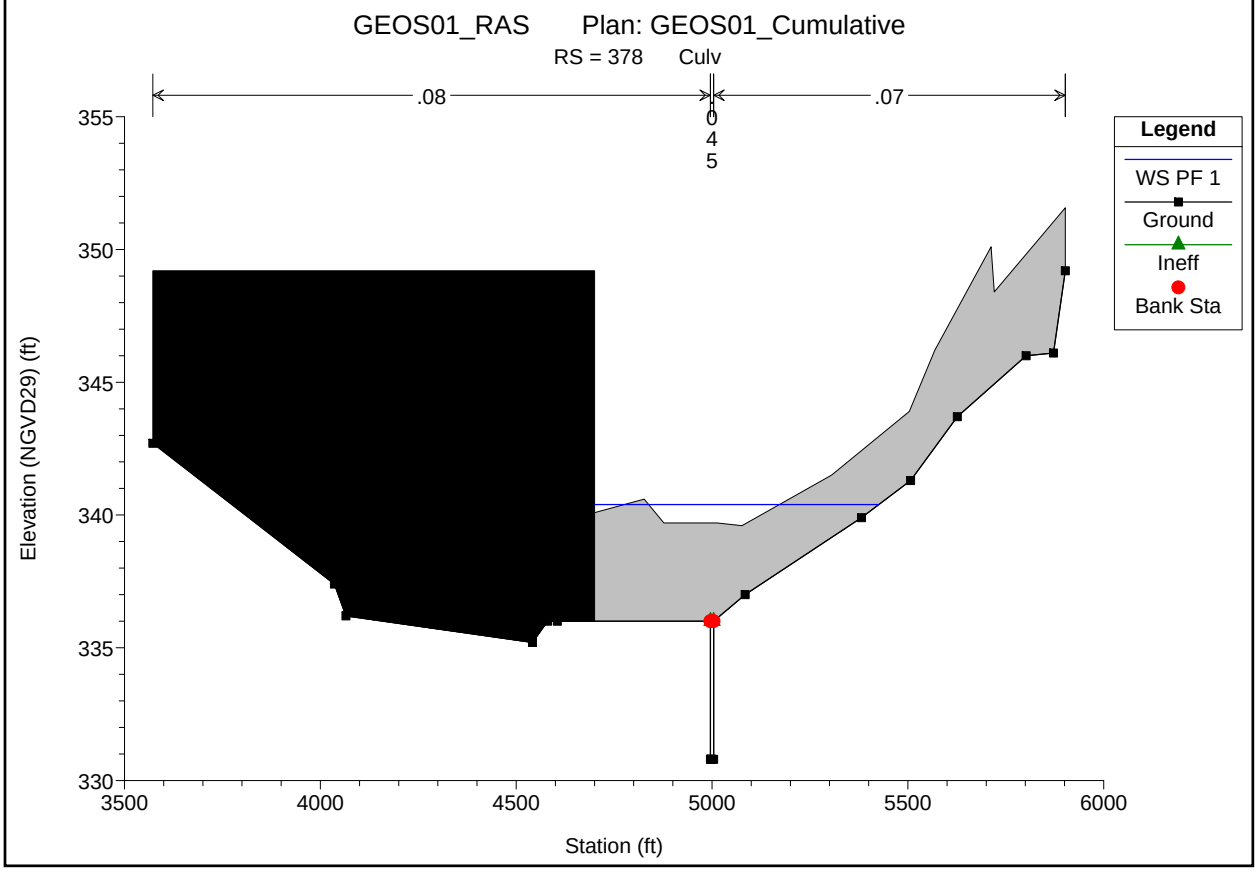
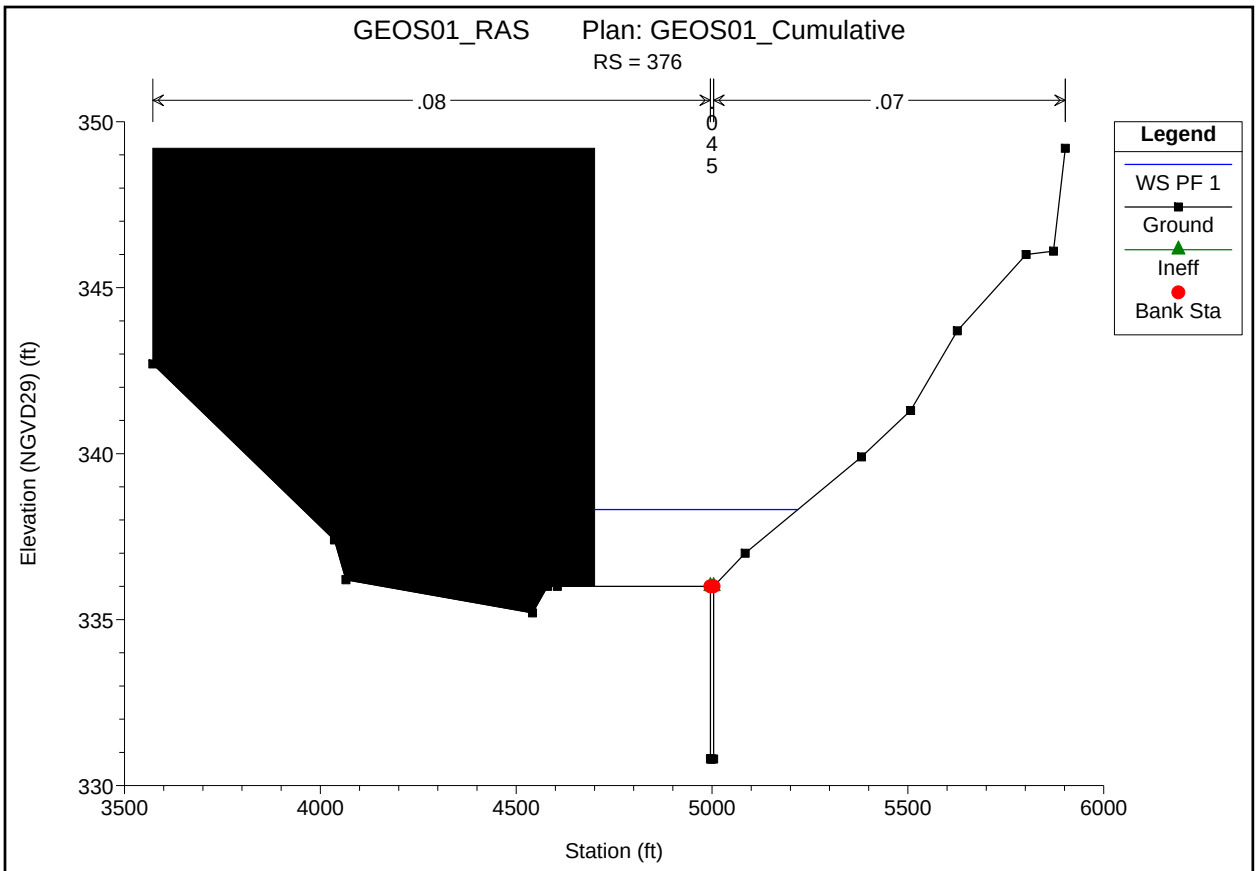
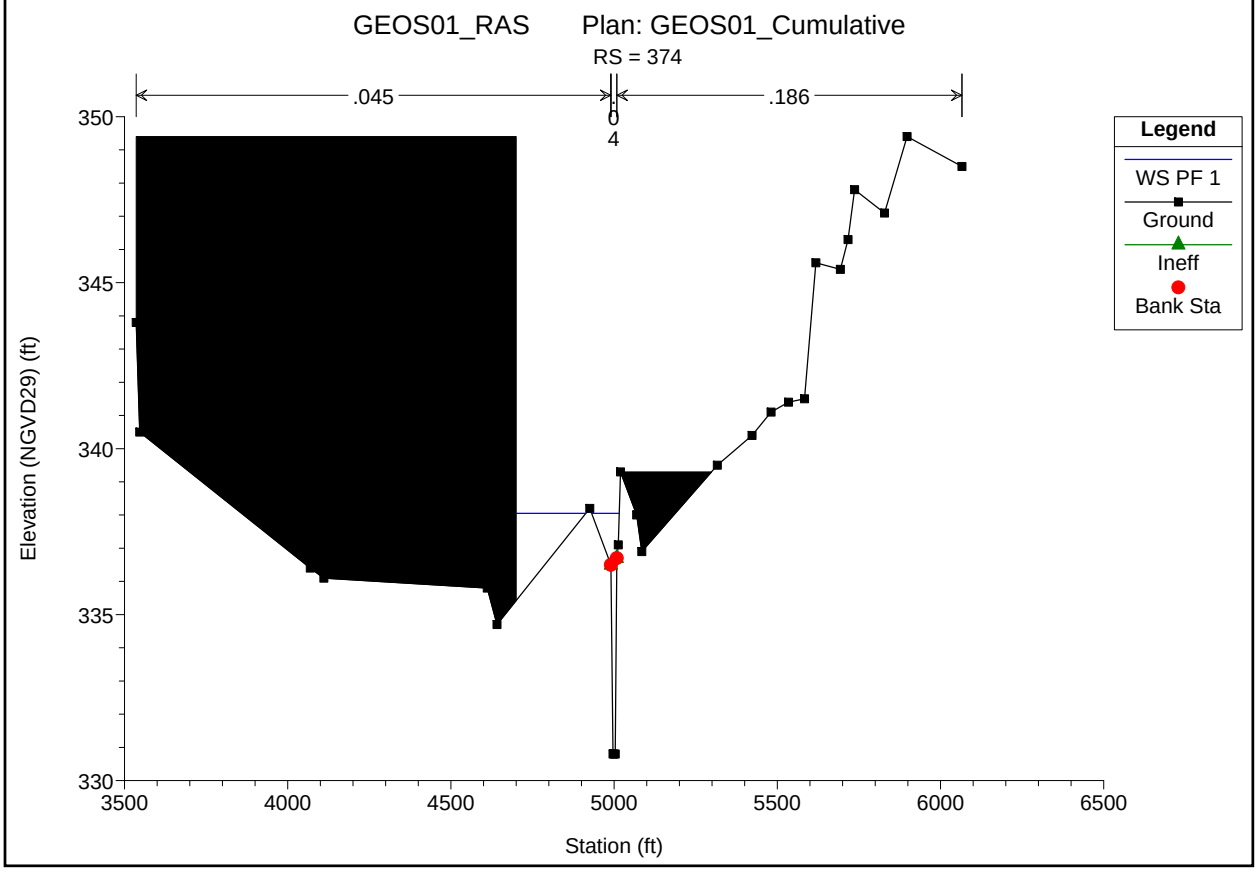

GEOS01_RAS Plan: GEOS01_Cumulative
RS = 382
.045
.055
.04
Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (NGVD29) (ft)
Station (ft)
355
350
345
340
335
330
3500
4000
4500
5000
5500
6000


GEOS01_RAS Plan: GEOS01_Cumulative
RS = 380
.08
.1
.045
Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (NGVD29) (ft)
Station (ft)
355
350
345
340
335
330
3500
4000
4500
5000
5500
6000
6500


GEOS01_RAS Plan: GEOS01_Cumulative
RS = 378 Culv
.08
.1
045
Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (NGVD29) (ft)
Station (ft)
355
350
345
340
335
330
3500
4000
4500
5000
5500
6000
6500


GEOS01_RAS Plan: GEOS01_Cumulative
RS = 378 Culv
.08
.07
045
Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (NGVD29) (ft)
Station (ft)
355
350
345
340
335
330
3500
4000
4500
5000
5500
6000


GEOS01_RAS Plan: GEOS01_Cumulative
RS = 376
.08
.07
0
4
5
Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (NGVD29) (ft)
350
345
340
335
330
3500
4000
4500
5000
5500
6000
Station (ft)


GEOS01_RAS Plan: GEOS01_Cumulative
RS = 374
.045
.186
0
4
Legend
WS PF 1
Ground
Ineff
Bank Sta
Elevation (NGVD29) (ft)
350
345
340
335
330
3500
4000
4500
5000
5500
6000
6500
Station (ft)

HEC-RAS River: RIVER-1 Reach: Reach-1 Profile: PF 1

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
Reach-1	430.2	PF 1	Duplicate	650.00	339.80	345.83	344.95	345.91	0.002411	3.63	538.02	306.36	0.26
Reach-1	430.2	PF 1	Existing	650.00	339.80	345.85	344.96	345.93	0.002345	3.59	543.67	307.02	0.26
Reach-1	430.2	PF 1	Proposed	650.00	339.80	345.85	344.96	345.93	0.002345	3.59	543.67	307.02	0.26
Reach-1	430.2	PF 1	Cumulative	650.00	339.80	345.84	344.95	345.93	0.002363	3.60	542.09	306.84	0.26
Reach-1	430	PF 1	Duplicate	650.00	339.80	345.84	345.13	345.90	0.006106	3.28	437.60	284.80	0.15
Reach-1	430	PF 1	Existing	650.00	339.80	345.85	345.13	345.92	0.005904	3.24	442.85	285.36	0.15
Reach-1	430	PF 1	Proposed	650.00	339.80	345.85	345.13	345.92	0.005904	3.24	442.85	285.36	0.15
Reach-1	430	PF 1	Cumulative	650.00	339.80	345.85	345.13	345.91	0.005960	3.25	441.39	285.20	0.15
Reach-1	422	PF 1	Duplicate	650.00	339.70	345.80	344.59	345.81	0.000665	1.91	1341.76	865.61	0.14
Reach-1	422	PF 1	Existing	650.00	339.70	345.82	344.58	345.83	0.000641	1.88	1358.83	866.13	0.13
Reach-1	422	PF 1	Proposed	650.00	339.70	345.82	344.58	345.83	0.000641	1.88	1358.83	866.13	0.13
Reach-1	422	PF 1	Cumulative	650.00	339.70	345.82	344.59	345.83	0.000647	1.89	1354.10	865.98	0.14
Reach-1	420.2	PF 1	Duplicate	700.00	339.00	345.53	344.61	345.57	0.001438	2.78	819.20	471.00	0.19
Reach-1	420.2	PF 1	Existing	700.00	339.00	345.56	344.61	345.60	0.001361	2.72	834.48	471.00	0.19
Reach-1	420.2	PF 1	Proposed	700.00	339.00	345.56	344.61	345.60	0.001361	2.72	834.48	471.00	0.19
Reach-1	420.2	PF 1	Cumulative	700.00	339.00	345.56	344.61	345.59	0.001382	2.73	830.31	471.00	0.19
Reach-1	420	PF 1	Duplicate	700.00	339.00	345.39	345.21	345.53	0.015080	4.83	399.65	418.47	0.21
Reach-1	420	PF 1	Existing	700.00	339.00	345.46	345.21	345.57	0.012752	4.48	425.51	419.88	0.19
Reach-1	420	PF 1	Proposed	700.00	339.00	345.46	345.21	345.57	0.012752	4.48	425.51	419.88	0.19
Reach-1	420	PF 1	Cumulative	700.00	339.00	345.44	345.21	345.56	0.013295	4.56	418.98	419.52	0.19
Reach-1	412	PF 1	Duplicate	700.00	337.60	345.44	343.83	345.47	0.001033	2.67	975.02	758.93	0.17
Reach-1	412	PF 1	Existing	700.00	337.60	345.49	343.83	345.52	0.000928	2.54	1016.39	773.71	0.16
Reach-1	412	PF 1	Proposed	700.00	337.60	345.49	343.83	345.52	0.000928	2.54	1016.39	773.71	0.16
Reach-1	412	PF 1	Cumulative	700.00	337.60	345.48	343.83	345.51	0.000954	2.57	1005.79	769.95	0.16
Reach-1	411	PF 1	Duplicate	840.00	337.50	345.36	340.03	345.39	0.000206	1.59	1272.37	556.28	0.11
Reach-1	411	PF 1	Existing	840.00	337.50	345.42	340.04	345.44	0.000196	1.56	1304.75	562.05	0.11
Reach-1	411	PF 1	Proposed	840.00	337.50	345.42	340.04	345.44	0.000196	1.56	1304.75	562.05	0.11
Reach-1	411	PF 1	Cumulative	840.00	337.50	345.40	340.03	345.43	0.000199	1.57	1296.48	560.58	0.11
Reach-1	410	PF 1	Duplicate	840.00	337.00	345.28	343.51	345.33	0.000948	2.75	1097.89	746.64	0.17
Reach-1	410	PF 1	Existing	840.00	337.00	345.35	343.51	345.39	0.000866	2.65	1147.02	765.09	0.16
Reach-1	410	PF 1	Proposed	840.00	337.00	345.35	343.51	345.39	0.000866	2.65	1147.02	765.09	0.16
Reach-1	410	PF 1	Cumulative	840.00	337.00	345.34		345.38	0.000805	2.55	1085.12	589.14	0.16
Reach-1	402	PF 1	Duplicate	840.00	337.00	345.19	341.61	345.29	0.005138	3.92	773.44	676.98	0.16
Reach-1	402	PF 1	Existing	840.00	337.00	345.27	341.61	345.36	0.004436	3.67	829.66	697.30	0.14
Reach-1	402	PF 1	Proposed	840.00	337.00	345.27	341.61	345.36	0.004436	3.67	829.66	697.30	0.14
Reach-1	402	PF 1	Cumulative	840.00	337.00	345.26	341.61	345.34	0.004249	3.59	799.97	584.93	0.14
Reach-1	394	PF 1	Duplicate	900.00	335.80	344.99	341.63	345.00	0.000273	1.55	2287.00	949.55	0.09
Reach-1	394	PF 1	Existing	900.00	335.80	345.09	341.63	345.10	0.000247	1.48	2381.86	953.87	0.09
Reach-1	394	PF 1	Proposed	900.00	335.80	345.09	341.63	345.10	0.000247	1.48	2381.86	953.87	0.09
Reach-1	394	PF 1	Cumulative	900.00	335.80	345.09	341.63	345.10	0.000241	1.46	1877.76	470.29	0.08
Reach-1	393			Culvert									
Reach-1	392	PF 1	Duplicate	900.00	335.10	342.99	340.60	343.01	0.000463	1.82	1653.79	1032.88	0.11
Reach-1	392	PF 1	Existing	900.00	335.10	343.27	340.60	343.30	0.000452	1.84	1317.72	855.42	0.11
Reach-1	392	PF 1	Proposed	900.00	335.10	343.27	340.60	343.30	0.000452	1.84	1317.72	855.42	0.11
Reach-1	392	PF 1	Cumulative	900.00	335.10	343.27	340.60	343.30	0.000451	1.84	1317.86	747.74	0.11
Reach-1	390.2	PF 1	Duplicate	980.00	334.50	342.88	341.81	342.91	0.000883	2.69	1971.22	1080.24	0.16
Reach-1	390.2	PF 1	Existing	980.00	334.50	342.99	341.72	343.12	0.002356	4.43	698.56	477.16	0.27
Reach-1	390.2	PF 1	Proposed	980.00	334.50	342.99	341.72	343.12	0.002356	4.43	698.56	477.16	0.27
Reach-1	390.2	PF 1	Cumulative	980.00	334.50	342.99	341.72	343.12	0.002356	4.43	698.61	290.34	0.27
Reach-1	390	PF 1	Duplicate	980.00	334.50	342.88	341.85	342.90	0.001542	2.13	1854.41	1061.51	0.06
Reach-1	390	PF 1	Existing	980.00	334.50	342.98	342.06	343.11	0.007262	4.67	569.20	456.80	0.18
Reach-1	390	PF 1	Proposed	980.00	334.50	342.98	342.06	343.11	0.007262	4.67	569.20	456.80	0.18
Reach-1	390	PF 1	Cumulative	980.00	334.50	342.98	342.05	343.11	0.007261	4.67	569.24	270.90	0.18
Reach-1	384	PF 1	Duplicate	980.00	334.30	342.20	341.75	342.61	0.007086	7.20	547.19	434.96	0.45
Reach-1	384	PF 1	Existing	980.00	334.30	342.20	341.75	342.61	0.007074	7.19	547.78	435.46	0.45
Reach-1	384	PF 1	Proposed	980.00	334.30	342.20	341.75	342.61	0.007074	7.19	547.78	435.46	0.45
Reach-1	384	PF 1	Cumulative	980.00	334.30	342.20	341.75	342.61	0.007086	7.20	547.19	434.96	0.45
Reach-1	382	PF 1	Duplicate	1094.00	334.10	340.91	340.02	341.18	0.003201	5.74	448.92	395.19	0.43
Reach-1	382	PF 1	Existing	1094.00	334.10	340.90	340.02	341.18	0.003219	5.75	447.38	393.89	0.43
Reach-1	382	PF 1	Proposed	1094.00	334.10	340.90	340.02	341.18	0.003219	5.75	447.38	393.89	0.43
Reach-1	382	PF 1	Cumulative	1094.00	334.10	340.91	340.02	341.18	0.003201	5.74	448.92	395.19	0.43
Reach-1	380	PF 1	Duplicate	1094.00	333.90	340.54	340.15	340.71	0.006853	5.73	588.87	477.74	0.39
Reach-1	380	PF 1	Existing	1094.00	333.90	340.53	340.14	340.71	0.006997	5.79	583.91	476.53	0.40
Reach-1	380	PF 1	Proposed	1094.00	333.90	340.53	340.14	340.71	0.006997	5.79	583.91	476.53	0.40
Reach-1	380	PF 1	Cumulative	1094.00	333.90	340.54	340.15	340.71	0.006853	5.73	588.87	477.74	0.39
Reach-1	378			Culvert									
Reach-1	376	PF 1	Duplicate	1094.00	330.80	338.32	337.01	338.35	0.001161	2.53	983.10	519.52	0.16
Reach-1	376	PF 1	Existing	1094.00	330.80	338.32	337.01	338.35	0.001162	2.53	982.72	519.44	0.16
Reach-1	376	PF 1	Proposed	1094.00	330.80	338.32	337.01	338.35	0.001162	2.53	982.72	519.44	0.16
Reach-1	376	PF 1	Cumulative	1094.00	330.80	338.32	337.01	338.35	0.001161	2.53	983.10	519.52	0.16
Reach-1	374	PF 1	Duplicate	1094.00	330.80	338.05	337.34	338.24	0.002465	4.86	431.89	298.18	0.37
Reach-1	374	PF 1	Existing	1094.00	330.80	338.05	337.33	338.24	0.002469	4.86	431.59	298.06	0.37
Reach-1	374	PF 1	Proposed	1094.00	330.80	338.05	337.33	338.24	0.002469	4.86	431.59	298.06	0.37

HEC-RAS River: RIVER-1 Reach: Reach-1 Profile: PF 1 (Continued)

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
Reach-1	374	PF 1	Cumulative	1094.00	330.80	338.05	337.34	338.24	0.002465	4.86	431.89	298.18	0.37
Reach-1	372	PF 1	Duplicate	1094.00	328.90	338.16	334.87	338.16	0.000011	0.41	5004.44	1713.91	0.03
Reach-1	372	PF 1	Existing	1094.00	328.90	338.16	334.87	338.16	0.000011	0.41	5002.87	1713.67	0.03
Reach-1	372	PF 1	Proposed	1094.00	328.90	338.16	334.87	338.16	0.000011	0.41	5002.87	1713.67	0.03
Reach-1	372	PF 1	Cumulative	1094.00	328.90	338.16	334.87	338.16	0.000011	0.41	5004.44	1713.91	0.03
Reach-1	370.2	PF 1	Duplicate	1094.00	328.30	338.16	335.17	338.16	0.000030	0.52	3529.42	1389.35	0.03
Reach-1	370.2	PF 1	Existing	1094.00	328.30	338.16	335.17	338.16	0.000030	0.52	3528.15	1389.11	0.03
Reach-1	370.2	PF 1	Proposed	1094.00	328.30	338.16	335.17	338.16	0.000030	0.52	3528.15	1389.11	0.03
Reach-1	370.2	PF 1	Cumulative	1094.00	328.30	338.16	335.17	338.16	0.000030	0.52	3529.42	1389.35	0.03
Reach-1	370	PF 1	Duplicate	1094.00	328.30	337.25	337.25	338.08	0.016882	9.52	320.07	160.00	0.43
Reach-1	370	PF 1	Existing	1094.00	328.30	337.25	337.25	338.08	0.016847	9.51	320.38	160.00	0.43
Reach-1	370	PF 1	Proposed	1094.00	328.30	337.25	337.25	338.08	0.016847	9.51	320.38	160.00	0.43
Reach-1	370	PF 1	Cumulative	1094.00	328.30	337.25	337.25	338.08	0.016882	9.52	320.07	160.00	0.43
Reach-1	368	PF 1	Duplicate	1094.00	327.40	336.05	336.05	337.25	0.008568	10.60	299.20	130.00	0.64
Reach-1	368	PF 1	Existing	1094.00	327.40	336.04	336.04	337.25	0.008603	10.62	298.53	130.00	0.64
Reach-1	368	PF 1	Proposed	1094.00	327.40	336.04	336.04	337.25	0.008603	10.62	298.53	130.00	0.64
Reach-1	368	PF 1	Cumulative	1094.00	327.40	336.05	336.05	337.25	0.008568	10.60	299.20	130.00	0.64
Reach-1	366	PF 1	Duplicate	1094.00	327.30	335.68	334.34	336.40	0.005446	7.25	406.28	663.79	0.57
Reach-1	366	PF 1	Existing	1094.00	327.30	334.88	334.33	336.26	0.011981	9.57	146.29	109.12	0.82
Reach-1	366	PF 1	Proposed	1094.00	327.30	334.33	334.33	336.29	0.018142	11.24	97.35	56.30	1.00
Reach-1	366	PF 1	Cumulative	1094.00	327.30	334.34	334.34	336.30	0.018108	11.23	97.42	56.51	1.00
Reach-1	364.64 Project Site	PF 1	Existing	1094.00	329.60	333.54	332.38	333.91	0.004346	4.91	223.31	313.41	0.51
Reach-1	364.64 Project Site	PF 1	Proposed	1094.00	326.76	333.32	329.74	333.51	0.001421	3.44	317.73	138.04	0.30
Reach-1	364.64 Project Site	PF 1	Cumulative	1094.00	326.76	333.32	329.74	333.51	0.001422	3.44	317.71	138.03	0.30
Reach-1	364	PF 1	Duplicate	1094.00	326.50	332.40	332.40	333.04	0.011229	8.88	407.10	282.11	0.76
Reach-1	364	PF 1	Existing	1094.00	326.50	332.63	332.40	333.08	0.008011	7.77	473.81	304.63	0.65
Reach-1	364	PF 1	Proposed	1094.00	326.50	332.63	332.40	333.08	0.008011	7.77	473.81	304.63	0.65
Reach-1	364	PF 1	Cumulative	1094.00	326.50	332.62	332.40	333.08	0.008070	7.79	472.26	304.12	0.65
Reach-1	362	PF 1	Duplicate	1269.00	325.20	331.57		331.61	0.000319	2.45	1212.00	485.51	0.19
Reach-1	362	PF 1	Existing	1269.00	325.20	332.61		332.62	0.000161	1.97	1862.58	781.05	0.14
Reach-1	362	PF 1	Proposed	1269.00	325.20	332.61		332.62	0.000161	1.97	1862.58	781.05	0.14
Reach-1	362	PF 1	Cumulative	1269.00	325.20	332.60		332.62	0.000162	1.97	1859.58	779.88	0.14
Reach-1	360	PF 1	Duplicate	1269.00	324.30	331.45	325.41	331.56	0.001511	4.16	643.67	361.73	0.30
Reach-1	360	PF 1	Existing	1269.00	324.30	332.57	325.41	332.61	0.000526	2.75	1200.39	632.18	0.18
Reach-1	360	PF 1	Proposed	1269.00	324.30	332.57	325.41	332.61	0.000526	2.75	1200.39	632.18	0.18
Reach-1	360	PF 1	Cumulative	1269.00	324.30	332.57	325.41	332.60	0.000528	2.75	1197.86	631.22	0.18
Reach-1	357			Bridge									
Reach-1	354	PF 1	Duplicate	1269.00	323.90	331.09		331.15	0.000566	2.22	661.49	210.39	0.22
Reach-1	354	PF 1	Existing	1269.00	323.90	331.09		331.15	0.000566	2.22	661.37	210.32	0.22
Reach-1	354	PF 1	Proposed	1269.00	323.90	331.09		331.15	0.000566	2.22	661.37	210.32	0.22
Reach-1	354	PF 1	Cumulative	1269.00	323.90	331.09		331.15	0.000566	2.22	661.49	210.39	0.22
Reach-1	352	PF 1	Duplicate	1269.00	323.50	331.00		331.12	0.000310	2.86	479.03	112.54	0.20
Reach-1	352	PF 1	Existing	1269.00	323.50	331.00		331.12	0.000310	2.86	478.96	112.51	0.20
Reach-1	352	PF 1	Proposed	1269.00	323.50	331.00		331.12	0.000310	2.86	478.96	112.51	0.20
Reach-1	352	PF 1	Cumulative	1269.00	323.50	331.00		331.12	0.000310	2.86	479.03	112.54	0.20
Reach-1	350	PF 1	Duplicate	1269.00	322.80	330.30	329.10	330.76	0.003008	7.17	404.36	277.21	0.46
Reach-1	350	PF 1	Existing	1269.00	322.80	330.30	329.10	330.75	0.003009	7.17	404.25	277.12	0.46
Reach-1	350	PF 1	Proposed	1269.00	322.80	330.30	329.10	330.75	0.003009	7.17	404.25	277.12	0.46
Reach-1	350	PF 1	Cumulative	1269.00	322.80	330.30	329.10	330.76	0.003008	7.17	404.36	277.21	0.46
Reach-1	349			Bridge									
Reach-1	348	PF 1	Duplicate	1269.00	322.80	329.15	329.10	330.07	0.007039	9.80	260.27	116.17	0.69
Reach-1	348	PF 1	Existing	1269.00	322.80	329.15	329.10	330.07	0.007046	9.81	260.17	116.16	0.69
Reach-1	348	PF 1	Proposed	1269.00	322.80	329.15	329.10	330.07	0.007046	9.81	260.17	116.16	0.69
Reach-1	348	PF 1	Cumulative	1269.00	322.80	329.15	329.10	330.07	0.007039	9.80	260.27	116.17	0.69
Reach-1	344	PF 1	Duplicate	1269.00	322.30	329.36	328.74	329.61	0.001775	5.85	753.76	383.08	0.45
Reach-1	344	PF 1	Existing	1269.00	322.30	329.36	328.75	329.61	0.001777	5.85	753.59	383.07	0.45
Reach-1	344	PF 1	Proposed	1269.00	322.30	329.36	328.75	329.61	0.001777	5.85	753.59	383.07	0.45
Reach-1	344	PF 1	Cumulative	1269.00	322.30	329.36	328.74	329.61	0.001775	5.85	753.76	383.08	0.45
Reach-1	342	PF 1	Duplicate	1269.00	322.50	329.19	326.57	329.23	0.000218	2.03	1591.30	957.44	0.16
Reach-1	342	PF 1	Existing	1269.00	322.50	329.19	326.57	329.23	0.000218	2.04	1590.63	957.24	0.16
Reach-1	342	PF 1	Proposed	1269.00	322.50	329.19	326.57	329.23	0.000218	2.04	1590.63	957.24	0.16
Reach-1	342	PF 1	Cumulative	1269.00	322.50	329.19	326.57	329.23	0.000218	2.03	1591.30	957.44	0.16
Reach-1	340	PF 1	Duplicate	1269.00	322.30	329.03	325.99	329.17	0.000652	3.74	1028.60	864.69	0.25
Reach-1	340	PF 1	Existing	1269.00	322.30	329.03	325.98	329.17	0.000652	3.74	1027.89	864.44	0.25
Reach-1	340	PF 1	Proposed	1269.00	322.30	329.03	325.98	329.17	0.000652	3.74	1027.89	864.44	0.25
Reach-1	340	PF 1	Cumulative	1269.00	322.30	329.03	325.99	329.17	0.000652	3.74	1028.60	864.69	0.25
Reach-1	339			Culvert									
Reach-1	338	PF 1	Duplicate	1269.00	322.00	328.64	325.68	329.16	0.001688	5.88	275.62	155.64	0.40
Reach-1	338	PF 1	Existing	1269.00	322.00	328.64	325.68	329.16	0.001688	5.88	275.62	155.64	0.40
Reach-1	338	PF 1	Proposed	1269.00	322.00	328.64	325.68	329.16	0.001688	5.88	275.62	155.64	0.40
Reach-1	338	PF 1	Cumulative	1269.00	322.00	328.64	325.68	329.16	0.001688	5.88	275.62	155.64	0.40

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1*****************************************
**************************************
 *  HEC-2 WATER SURFACE PROFILES           *                                                  *  U.S. ARMY CORPS OF ENGINEERS
    *
 *                                         *                                                  *  HYDROLOGIC ENGINEERING CENTER
    *
 *  Version   4.6.2;  May 1991             *                                                  *  609 SECOND STREET, SUITE D
    *
 *                                         *                                                  *  DAVIS, CALIFORNIA 95616-4687
    *
 *  RUN DATE    06MAY14    TIME   09:05:54  *                                                 *          (916) 756-1104
    *
 *****************************************
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X     X  XXXXXXX   XXXXX              XXXXX
X     X  X        X     X            X     X
X     X  X        X                        X
XXXXXXX  XXXX     X          XXXXX    XXXXX
X     X  X        X                 X
X     X  X        X     X           X
X     X  XXXXXXX   XXXXX            XXXXXXX
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   06MAY14      09:05:54                                                                                                PAGE    1
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                                                                                  THIS RUN EXECUTED 06MAY14    09:05:54
 ************************************
  HEC-2 WATER SURFACE PROFILES

  Version   4.6.2;  May 1991
 ************************************
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 SPLIT FLOW BEING PERFORMED
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SF  PLIT FLOWS THAT OCCUR ON WEST LITTLE LLAGAS CREEK


JC
JP              60.

TNLEFT BANK SPILL BTWN SEC 484 AND 482
NS     2     482     484     472     .05    .007
NG     0   366.8     100   367.5

TNLEFT BANK SPILL BTWN SEC 482 AND 481
NS     2     481     482     472     .05    .007
NG     0   366.5     200   366.8

TNLEFT BANK SPILL BTWN SEC 481 AND 480.7
NS     2   480.7     481     472     .05    .007
NG     0   366.5      10   366.5

TNLEFT BANK SPILL BTWN SEC 480.7 AND 480.3
NS     2   480.3   480.7     472     .05    .007
NG     0   366.5      40   366.5

TNLEFT BANK SPILL BTWN SEC 480.3 AND 480
NS     2     480   480.3     472     .05    .007
NG     0   367.1     300   366.5

TW  LEFT BANK SPILL BTWN SEC 476 AND 478
WS2.        476.    478.    472.2.6
WC0.       362.4    200.   363.6

TW  LEFT BANK SPILL BTWN SEC 474 AND 476
WS2.        474.    476.    472.2.6
WC0.       357.5    650.   362.4

TNLEFT BANK SPILL BTWN SEC 472 AND 474
NS     2     472     474     448     .05     .01
NG     0   353.9     510   357.5
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TNLEFT BANK SPILL BTWN SEC 470 AND 472
NS     2     470     472     448    .045    .017
NG     0   362.4     200   353.9
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TNLEFT BANK SPILL BTWN SEC 464 AND 470
NS     2     464     470     448    .045    .017
NG     0   354.7      32   362.4

TNLEFT BANK SPILL BTWN SEC 462 AND 464
NS     2     462     464     448     .05     .02
NG     0   351.2     180   354.7

TNLEFT BANK SPILL BTWN SEC 461 AND 462
NS     2     461     462     448     .05     .02
NG     0   351.6     200   351.3     320   351.2     600   351.2

TC  RATING CURVE AT MONTEREY HIGHWAY D/S OF WATSONVILLE ROAD (over Monterey)
CS7.    282.    282.    270.
CR467.  319.24  683.    319.37  893.    319.48  1105.   319.58  1313.   319.67
CR1518. 319.75  1758.   319.79

TC  RATING CURVE AT MONTEREY HIGHWAY D/S/ OF WATSONVILLE ROAD (To Llagas)
CS7.    282.    282.    -1.
CR42.   319.24  82.     319.37  87.     319.48  95.     319.58  107.    319.67
CR117.  319.75  133.    319.79

TN  RIGHT BANK FLOW BTWN SEC. 262. AND 264.
NS2.    262.    264.    -1.     .04     .0024
NG0.    313.6   600.    315.1

TN  RIGHT BANK FLOW BTWN SEC. 260 AND 262
NS2.    260.    262.    -1.     .04     .0024
NG0.    316.3   40.     313.6

TN  RIGHT BANK FLOW BTWN SEC. 252. AND 254.
NS2.    252.    254.    -1.     .04     .0012
NG0.    311.4   300.    312.6

TN  RIGHT BANK FLOW BTWN SEC. 250 AND 252.
NS2.    250.    252.    -1.     .04     .0023
NG0.    309.6   350.    311.4

TN  RIGHT BANK FLOW BTWN SEC. 222. AND 230.
NS2.    222.    230.    -1.     .04     .0038
NG0.    307.5   435.    308.0

TN  RIGHT BANK FLOW BTWN SEC. 220. AND 222.
NS2.    220.    222.    -1.0    .04     .0012
NG0.    306.3   580.0   307.5
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TN  RIGHT BANK FLOW BTWN SEC. 212. AND 220.
NS2.    212.    220.    -1.     .04     .0014
NG0.    306.5   100.    306.3

TN  RIGHT BANK FLOW BTWN SEC. 21O. AND 212.
NS2.    210.    212.    -1.     .04     .0014
NG0.    306.5   230.    306.5

TN  RIGHT BANK FLOW BTWN SEC. 206. AND 210.
NS2.    206.    210.    -1.     .04     .0015
NG0.    305.    230.    306.5

TN  RIGHT BANK FLOW BTWN SEC. 204. AND 206.
NS2.    204.    206.    -1.     .04     .0055
NG0.    304.0   320.    305.
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T1SANTA CLARA COUNTY FLOOD INSURANCE STUDY
T2NOLTE AND ASSOCIATES (trw) JUNE 1992
T3      WEST LITTLE LLAGAS

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

          2.                                                                  304.96

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

 1.                -1.


J3  VARIABLE CODES FOR SUMMARY PRINTOUT

   150.

NC   .040     .040       .030       .3          .5
QT   1.       3246.
        MODEL IS SET UP TO READ LEFT TO RIGHT WHILE LOOKING DOWNSTREAM
        CROSS SECTIONS ARE BASED UPON TOPOGRAPHIC INFORMATION RECEIVED FROM
          DIGITIZED CROSS SECTIONS AND 200 SCALE MORGAN HILL BASE MAPS
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        STARTING WATER SURFACE ELEVATION FROM EAST LITTLE LLAGAS RUN
        D/S FACE OF HWY 101 - DOUBLE BOX CULVERT
        CONFLUENCE WITH MADRONE CHANNEL
 X1   198.0    14.0       4982.9     5017.1
 X3       10                          4982.9                  5017.1
 GR   301.0    4754.3     300.0      4952.3      298.0       4964.7      300.0       4972.3      301.9       4982.9
 GR   296.1    4983.0     296.1      5000.0      296.1       5017.0      301.9       5017.1      300.0       5035.2
 GR   299.9    5045.2     298.1      5076.1      299.8       5110.9      299.4       5328.0

   Highway 101


 SC   2.013    .2         2.6                    5.5         17.0        300.        12.3        296.9       296.1
        U/S FACE OF HWY 101 - DOUBLE BOX CULVERT
 X1   200.0    25.0       4982.9     5017.1      300.0       300.0       300.0
 X2                       2.
 X3       10                          4982.9                  5017.1
 BT   23.0     2802.8     317.0      316.0       2955.2      316.3       312.6       3053.5      315.9       311.4
 BT   3060.2   315.9      312.1      3365.2      314.5       311.8       3664.1      312.9       307.4       3988.9
 BT   310.8    303.4      4413.5     308.3       302.5       4789.7      306.7       302.4       4912.5      306.1
 BT   304.0    4974.8     305.9      303.7       4982.9      305.8       302.7       4983.0      305.8       302.4
 BT   4991.9   305.8      302.4      5000.0      305.7       302.4       5012.5      305.7       302.4       5017.0
 BT   305.7    302.4      5017.1     305.7       302.8       5039.6      305.6       302.1       5164.2      305.2
 BT   302.4    5391.6     304.6      301.6       5581.0      304.2       300.7       5620.8      304.1       300.5
 GR   316.0    2802.8     312.6      2955.2      311.4       3053.5      312.1       3060.2      311.8       3365.2
 GR   307.4    3664.1     303.4      3988.9      302.5       4413.5      302.4       4789.7      304.0       4912.5
 GR   303.7    4974.8     302.7      4982.9      296.9       4983.0      296.9       4991.9      296.9       5000.0
 GR   296.9    5012.5     296.9      5017.0      302.8       5017.1      302.1       5039.6      302.4       5164.2
 GR   301.6    5391.6     300.7      5581.0      300.5       5620.8      301.1       5760.       310.        5780.
1
    06MAY14      09:05:54                                                                                          PAGE     5



 NC                       .035

 ET            4.1                    4900.       5060.
 X1   202.0    24.0       4959.2     5039.1      63.         64.         63.6
 X3       10
 GR   306.0    4828.5     304.5      4850.0      301.8       4866.3      300.6       4870.0      300.6       4877.2
 GR   303.1    4892.2     302.0      4959.2      298.4       4975.7      298.3       4988.8      297.3       4995.4
 GR   297.3    5000.0     297.3      5005.7      298.4       5009.9      298.9       5024.4      302.3       5039.1
 GR   303.1    5084.3     302.0      5088.7      301.7       5387.6      300.8       5685.1      300.0       5688.5
 GR   300.0    5691.3     305.3      5706.8      311.3       5718.5      312.3       5742.9

 NC                                  .1          .3
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ET            4.1                      4675.0       5285.
X1   204.0    23.0       4984.0     5012.8      218.1       253.1       223.5
X3       10
GR   308.5    4583.3     306.9      4614.6      306.0       4623.4      301.9       4650.8      301.8       4655.3
GR   303.3    4665.2     302.7      4703.7      303.1       4809.6      303.6       4873.0      302.3       4984.0
GR   298.8    4989.9     298.8      5000.0      298.8       5008.1      302.2       5012.8      303.6       5044.7
GR   303.8    5159.1     302.9      5161.4      301.3       5553.0      300.8       5783.6      303.4       5796.7
GR   303.8    5802.5     303.4      5837.6      304.        5860.


ET            4.1                      4380.0      5370.0
X1   206.0    28.0       4986.5     5025.1      365.        366.        365.4
X3       10
GR   310.4    4306.5     307.7      4321.4      303.5       4340.3      303.5       4346.9      304.6       4353.9
GR   304.0    4498.1     303.7      4694.4      305.1       4699.9      304.1       4761.0      303.4       4961.4
GR   304.0    4975.3     304.1      4986.5      299.5       4995.8      299.5       5000.0      299.5       5002.4
GR   302.6    5006.1     303.5      5025.1      302.5       5077.4      301.2       5081.8      301.2       5086.1
GR   302.9    5093.2     304.0      5138.1      303.6       5314.2      304.7       5371.2      304.0       5385.6
GR   302.7    5585.0     304.7      5871.9      305.        6050.


ET            4.1                       4460.       5285.
X1   208.0    19.0       4991.1     5007.5      350.4       319.8       333.0
X3       10
BT   9.0      4958.6     304.4      304.1       4991.1      304.3       304.3       4991.2      304.3       300.9
BT   4997.9   304.2      302.0      5000.0      304.2       302.0       5002.5      304.0       301.9       5007.4
BT   304.0    302.0      5007.5     304.0       304.0       5042.3      305.0       305.0
GR   314.0    3625.      312.0      3740.       310.0       3835.       308.0       3890.       306.3       4000.
GR   305.2    4660.      304.1      4958.6      304.3       4991.1      300.9       4991.2      300.9       4997.9
GR   300.9    5000.0     300.9      5002.5      300.9       5007.4      304.0       5007.5      305.0       5042.3
GR   304.4    5220.      305.       5350.       304.        5550.       305.2       5920.
```

Private Creek Crossing


```
ET            4.1                       4460.       5285.
         PRIVATE CREEK CROSSING, RESTRICTS FLOW IN CHANNEL
X1   210.                                       10.         10.         10.
X2                                                                      1.
X3       10
```

```
ET            4.1                     4310.0        5245
X1   212.0    29.0       4988.5     5010.2      155.0       208.6       164.9
X3       10
GR   315.5    3256.5     313.1      3507.0      306.8       3951.5      306.5       4213.7      305.3       4221.1
GR   305.9    4228.2     305.8      4256.5      304.9       4260.0      305.7       4272.0      305.0       4597.6
GR   304.8    4601.7     305.6      4609.1      305.9       4639.6      304.9       4743.3      304.6       4896.4
GR   305.2    4898.4     304.9      4988.5      300.9       4996.8      300.9       5000.0      300.9       5001.9
GR   304.6    5010.2     304.7      5130.5      304.6       5262.2      304.4       5266.9      304.4       5282.9
GR   305.2    5441.5     305.0      5689.6      305.8       5935.4      306.5       5945.5

NC   .05      .05                   .3          .5

ET            4.1                     4325.0        5230
        D/S FACE OF LLAGAS AVE. SINGLE BOX CULVERT
X1   214.0    36.0       4995.4     5004.6      51.4        65.5        63.0
X3       10
GR   315.5    3217.3     312.0      3513.7      307.2       3908.5      307.1       3936.4      306.2       3940.0
GR   305.9    4101.6     306.5      4106.0      306.5       4126.1      305.5       4131.9      306.1       4192.2
GR   305.8    4327.4     305.5      4586.3      305.9       4590.4      305.6       4610.0      304.8       4613.3
GR   304.4    4877.3     304.9      4880.7      305.0       4897.3      304.3       4900.0      304.6       4947.4
GR   305.5    4949.9     305.5      4965.6      304.8       4969.4      305.5       4995.4      301.2       4995.5
GR   301.2    5000.0     301.2      5004.5      305.5       5004.6      305.5       5163.4      305.5       5312.3
GR   305.1    5496.2     305.0      5730.3      306.0       5898.2      306.3       5911.3      305.3       5932.1
GR   304.6    5982.5

  Llagas Avenue


ET            4.11                    4350.0        5215
X1   220.0    21.0       4995.4     5004.6       25.         25.         25.
X3       10
BT   21.0     3233.5     316.2      315.2       3266.8      315.7       315.2       3659.5      309.9       309.6
BT   4004.7   307.9      307.1      4330.9      307.0       306.7       4645.4      306.8       305.3       4960.8
BT   306.5    304.7      4995.4     306.5       305.6       4995.5      306.5       305.6       4998.2      306.5
BT   305.6    5000.0     306.5      305.6       5004.5      306.5       305.6       5004.6      306.4       305.6
BT   5012.6   306.4      305.6      5066.9      306.2       304.2       5202.5      305.6       304.3       5517.8
BT   306.0    304.3      5909.3     306.5       306.5       5951.8      306.2       305.8       5978.9      306.0
BT   305.2    5986.5     305.9      305.2
GR   315.2    3233.5     315.2      3266.8      309.6       3659.5      307.1       4004.7      306.7       4330.9
GR   305.3    4645.4     304.7      4960.8      305.6       4995.4      301.1       4995.5      301.2       4998.2
GR   301.2    5000.0     301.2      5004.5      305.6       5004.6      305.6       5012.6      304.2       5066.9
GR   304.3    5202.5     304.3      5517.8      306.5       5909.3      305.8       5951.8      305.2       5978.9
GR   305.2    5986.5
```

```
ET            4.11                    4350.0        5210
        U/S FACE OF LLAGAS AVE. SINGLE BOX CULVERT
X1   220.2                                           1.0         1.0         1.0
X2                                                                     1.0
X3       10


ET            4.1                     4300.0       5260.
X1   222.0    23.0       4986.0     5009.4      48.0        63.3        53.7
X3       10
GR   306.5    4200.      306.       4700.       305.7       4786.5      305.2       4801.8      305.1       4911.2
GR   305.9    4942.2     304.5      4949.5      304.4       4981.0      303.8       4986.0      303.7       4986.1
GR   301.6    4996.2     301.6      5000.0      301.6       5002.6      304.9       5009.3      305.0       5009.4
GR   304.9    5031.3     305.2      5078.4      305.1       5150.5      306.2       5200.       307.2       5540.
GR   307.5    6160.      307.5      6190.       307.1       6191.

  Private Crossing to Horse Barn


ET            4.1                     4385.0       5535.
        PRIVATE CROSSING TO HORSE BARN
X1   230.0    28.0       4986.0     5012.5      369.4       407.5       372.0
X2                                  306.1       307.0
X3       10
GR   308.5    4100.      306.5      4817.5      306.5       4838.0      305.5       4846.4      305.5       4857.5
GR   306.1    4869.8     307.0      4986.0      306.1       4995.4      302.1       4995.5      302.1       5000.0
GR   302.1    5005.0     306.1      5005.1      307.0       5012.5      306.2       5039.6      304.8       5111.1
GR   305.4    5211.4     306.7      5359.3      307.3       5457.9      306.2       5460.3      306.2       5476.6
GR   306.7    5712.2     307.3      5757.0      307.1       6043.4      307.6       6450.3      308.        6580.
GR   308.     6600.      307.       6601.       306.6       6800.

  Private Crossing


ET            4.1                     4420.0      5500.0
        PRIVATE CROSSING THAT HAS COLLAPSED - RESTRICTS FLOW IN CHANNEL
X1   240.0    21.0       4989.6     5007.6      124.5       150.0       138.7
X2                                  304.        305.5
X3       10
GR   310.     4020.      308.       4200.       306.9       4780.3      306.0       4799.8      305.7       4906.6
GR   304.9    4989.6     302.5      4996.7      302.5       5000.0      302.5       5003.0      305.6       5007.6
GR   305.5    5142.8     306.7      5335.6      307.7       5577.7      307.8       5747.6      307.0       5759.8
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 GR   308.0    5970.0     308.7      6345.2      309.3       6378.4      309.5       6428.4      309.0       6433.4
 GR   308.9    6481.7

 NC   .045     .045                  .1          .3

 ET                 4.1                  4510        5410
 X1   242.0    17.0       4985.8     5014.1      385.0       320.0       350.0
 X3       10
 GR   308.5    4454.7     308.5      4475.3      307.9       4485.3      307.0       4692.1      305.8       4985.8
 GR   303.1    4994.6     303.1      5000.0      303.1       5004.0      304.8       5014.1      306.2       5123.8
 GR   306.4    5240.8     307.4      5439.5      308.4       5798.1      309.1       6111.3      308.7       6126.3
1
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 GR   309.3    6135.7     309.6      6173.1


 ET           4.1                       4585.      5335.0
 X1   244.0    20.0       4981.5     5015.2      345.0       286.4       304.7
 X3       10
 GR   310.1    4269.4     308.8      4638.9      308.4       4640.8      307.2       4819.5      306.1       4981.5
 GR   303.6    4997.3     303.6      5000.0      303.6       5002.4      305.3       5015.2      305.3       5019.2
 GR   307.1    5026.2     307.7      5036.7      306.6       5046.2      306.3       5103.8      307.6       5260.5
 GR   308.4    5680.8     308.6      6029.2      309.9       6053.2      309.9       6122.0      309.3       6149.5


 NC   .08      .08        .04
 ET           4.1                       4680.      5240.0
 X1   246.0    24.0       4977.8     5018.3      381.4       378.0       379.4
 X3   10.
 GR   309.2    4135.7     308.3      4476.0      308.6       4477.7      308.6       4489.3      308.2       4494.8
 GR   308.1    4695.0     308.4      4781.4      308.9       4785.6      308.7       4800.7      307.7       4809.7
 GR   308.7    4977.8     306.3      4989.5      304.5       4997.1      304.5       5000.0      304.5       5001.6
 GR   306.9    5010.3     309.2      5018.3      309.2       5023.1      308.4       5035.4      308.6       5331.4
 GR   308.5    5645.6     308.9      5923.3      308.3       6128.7      308.0       6481.7


 NC                                  .3          .5
 ET           4.1                       4695.      5225.0
         D/S FACE OF SEYMOUR AVE. - 5 PIPE CULVERT, RESTRICTS FLOW IN CHANNEL
 X1   248.0    22.0       4994.0     5006.1      55.0        55.0        55.0
 BT   22.0     4143.5     310.7      310.7       4548.9      309.7       309.3       4818.3      308.5       308.1
 BT   4994.0   307.6      306.7      4994.1      307.6       306.15      4997.9      307.5       306.15      5000.0
 BT   307.5    306.15     5006.0     307.6       306.15      5006.1      307.8       306.15      5010.6      307.8
 BT   307.6    5066.4     308.9      308.3       5201.0      309.3       309.3       5208.1      309.1       308.8
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BT   5327.0   309.3      308.7      5485.7      309.6       309.1       5490.4      309.6       309.4       5518.7
BT   309.6    309.0      5979.6     309.6       309.3       6510.8      309.1       308.4       6775.0      308.0
BT   307.5    6815.3     307.5      307.5       6831.8      307.1       307.1
GR   310.7    4143.5     309.3      4548.9      308.1       4818.3      306.7       4994.0      304.9       4994.1
GR   304.9    4997.9     304.9      5000.0      304.9       5006.0      306.15      5006.1      307.6       5010.6
GR   308.3    5066.4     309.3      5201.0      308.8       5208.1      308.7       5327.0      309.1       5485.7
GR   309.4    5490.4     309.0      5518.7      309.3       5979.6      308.4       6510.8      307.5       6775.0
GR   307.5    6815.3     307.1      6831.8

  Seymour Avenue


NC   .045     .045       .035
ET            4.1                      4700.      5200.0
        U/S FACE OF SEYMOUR AVE. - 5 PIPE CULVERT, RESTRICTS FLOW IN CHANNEL
X1   250.0                                        20.0        20.0        20.0
X2                                                                        1.0

1
   06MAY14      09:05:54                                                                                    PAGE    9



ET            4.1                      4715.0      5180.0
X1   252.0    23.0       4991.4     5012.3      65.5        65.         65.3
GR   312.     3500.      310.1      4165.9      309.8       4280.       308.4       4831.4      307.7       4991.4
GR   305.8    4997.8     305.8      5000.0      305.8       5002.2      307.7       5012.3      307.8       5053.2
GR   310.0    5166.3     309.3      5348.5      309.3       5362.2      308.8       5363.2      308.8       5403.8
GR   309.6    5405.6     309.8      5516.4      309.0       5521.5      309.4       5540.1      310.4       5735.3
GR   311.4    6034.7     310.7      6316.4      310.1       6332.0

NC                                  .1          .3

ET            4.1                      4830.       5155.
X1   254.0    12.0       4984.8     5006.3      462.5       465.5       463.3
GR   312.8    3800.      310.9      4022.4      309.7       4667.2      309.7       4984.8      308.7       4994.6
GR   307.1    4997.5     307.1      5000.0      307.1       5002.1      309.3       5006.3      311.1       5061.1
GR   311.4    5190.5     312.6      5526.9


ET            4.1                      4975.0      5010.0
QT   1.       1936.
X1   256.0    15.0       4991.3     5010.7      590.0       565.5       586.9
GR   313.3    3650.      311.0      4316.9      310.9       4982.1      312.6       4984.7      312.7       4991.3
GR   307.7    4996.2     307.7      5000.0      307.7       5003.7      310.2       5010.7      310.1       5042.8
GR   310.0    5127.8     310.5      5219.4      310.7       5250.3      311.5       5650.       312.6       5910.
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NC   .04      .04        .03        .3          .5
ET            4.1                   4993.4      5006.6
        D/S FACE SOUTHERN PACIFIC RR - SINGLE BOX CULVERT
X1   258.0    11.0       4993.4     5006.6      85.         60.         73.6
GR   316.0    4255.3     316.0      4786.4      316.0       4993.4      307.7       4993.5      307.7       5000.0
GR   307.7    5006.5     316.0      5006.6      315.9       5193.6      315.7       5547.5      315.4       5950.4
GR   314.6    6369.9

  SPRR


ET            4.11                    4990.0    5006.6
SC   1.013    .5         2.6                    5.4         13.         16.         8.3         308.3       306.9
        U/S FACE SOUTHERN PACIFIC RR - SINGLE BOX CULVERT
X1   260.0    14.0       4993.4     5006.6      16.0        16.0        16.0
X2                       2.
BT   14.0     4287.3     316.3      315.3       4297.6      316.3       315.3       4702.4      316.3       315.3
BT   4993.0   316.3      313.3      4993.4      316.3       313.3       4993.5      316.3       313.3       5000.0
BT   316.3    313.3      5006.5     316.3       313.3       5006.6      316.3       313.3       5010.9      316.3
BT   316.3    5129.5     316.3      316.3       5477.0      316.3       316.3       5890.3      315.7       315.7
BT   6297.0   314.8      314.8
GR   315.3    4287.3     315.3      4297.6      315.3       4702.4      313.3       4993.0      313.3       4993.4
GR   307.9    4993.5     307.9      5000.0      307.9       5006.5      313.3       5006.6      316.3       5010.9
GR   316.3    5129.5     316.3      5477.0      315.7       5890.3      314.8       6297.0
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```
NC   .045     .045       .045
ET            4.1                     4930.0      5065.0
X1   262.0    38.0       4986.4     5011.7      60.         60.         60.
GR   314.0    3650.0     312.7      4098.1      312.1       4102.9      312.1       4360.8      312.3       4364.3
GR   312.2    4381.5     311.6      4393.0      311.2       4704.9      310.8       4962.6      310.6       4971.1
GR   310.5    4978.4     310.0      4981.5      310.0       4986.4      308.1       4993.2      308.1       5000.0
GR   308.1    5008.4     310.0      5011.7      311.8       5020.2      310.3       5026.2      310.4       5035.1
GR   310.7    5039.6     310.7      5055.5      311.2       5061.9      310.9       5159.5      312.8       5625.2
GR   313.6    5843.8     313.4      6091.5      311.9       6298.6      311.5       6305.4      311.5       6310.2
GR   311.9    6316.8     311.1      6743.4      308.9       7043.3      308.2       7049.8      308.5       7064.4
GR   311.5    7081.1     311.7      7099.6      308.8       7118.1

NC                                  .1          .3
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ET            4.1                       4510.      5485.0
X1   264.0    41.0       4992.2     5009.4      440.        360.0       422.7
GR   316.6    4340.0     309.8      4370.3      310.0       4380.       311.8       4697.4      311.7       4897.6
GR   311.7    4938.6     311.9      4942.4      311.9       4950.2      313.1       4959.2      313.1       4962.3
GR   311.9    4965.5     310.0      4992.2      308.6       4996.2      308.6       5000.0      308.6       5004.7
GR   310.9    5009.4     311.9      5014.4      311.3       5017.4      311.5       5025.5      311.7       5041.5
GR   312.4    5322.2     313.3      5336.7      313.5       5349.6      312.9       5366.1      313.0       5422.1
GR   312.8    5425.3     312.8      5433.0      313.3       5443.0      313.8       5617.8      314.0       5629.3
GR   314.0    5644.5     313.8      5652.9      314.1       5664.9      313.7       5689.4      313.7       5721.7
GR   314.8    5757.0     314.9      5816.4      314.7       5824.2      314.8       5865.9      315.1       5885.1
GR   315.1    5911.3


ET                 9.1                                                                                                5315
X1   266.0    22.0       4991.3     5013.8      295.0       384.4       337.5
X3       10
GR   316.8    4370.0     310.0      4400.       312.1       4969.6      312.5       4974.9      312.7       4986.3
GR   311.8    4991.3     309.4      4997.0      309.4       5000.0      309.4       5005.1      312.5       5013.8
GR   312.5    5021.1     311.7      5027.7      313.2       5308.5      315.1       5512.3      315.7       5518.7
GR   315.7    5533.4     316.4      5600.       315.4       5850.       316.        6150.       317.5       6650.
GR   318.     7060.      318.8      7200.

NC                        .04

ET                 9.1                                                                                    4455
X1   268.0    32.0       4988.4     5012.2      380.2       460.0       440.8
GR   317.1    4120.      310.2      4160.       311.5       4450.0      312.0       4740.       312.5       4871.6
GR   312.8    4886.1     312.8      4905.9      313.7       4915.0      314.3       4924.0      313.1       4928.3
GR   313.1    4935.8     314.3      4965.3      316.5       4972.9      313.5       4982.5      312.9       4988.4
GR   309.7    4995.5     309.7      5000.0      309.7       5004.7      313.1       5012.2      313.9       5018.4
GR   313.8    5028.3     312.9      5046.5      313.4       5096.4      315.6       5209.2      316.6       5278.5
GR   317.0    5289.8     317.9      5304.8      317.4       5400.       318.        5750.       318.8       6000.0
GR   319.4    6200.      320.       6300.
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ET                 9.1                                                                                    4615
X1   270.0    26.0       4990.0     5015.0      621.2       644.4       637.0
X3       10
GR   317.6    4047.3     314.0      4084.1      314.2       4137.0      313.7       4184.1      313.0       4403.8
GR   313.8    4572.5     313.9      4830.8      313.1       4974.7      313.2       4979.4      313.1       4990.0
GR   310.0    4996.6     310.0      5000.0      310.0       5004.5      313.5       5015.0      313.9       5077.3
GR   315.6    5146.7     317.0      5288.7      317.5       5375.0      316.9       5390.7      317.4       5393.5
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GR   318.0    5418.2     318.2      5427.4      317.6       5480.       317.0       5500.       318.        5780.
GR   320.     6000.


ET                9.1                                                                                  4730        5325
X1   272.0    23.0       4985.0     5010.9      491.2       430.7       467.1
X3       10
GR   319.0    3793.1     314.5      3804.8      313.9       4452.0      314.5       4967.2      314.8       4975.7
GR   313.2    4980.8     313.0      4985.0      311.1       4995.8      310.2       4998.1      310.2       5000.0
GR   310.2    5001.7     314.3      5010.9      313.9       5034.3      315.4       5167.3      313.7       5173.5
GR   317.5    5184.0     318.9      5207.7      318.9       5270.       314.8       5280.       316.        5660.
GR   318.     5750.      319.3      5900.       320.        6020.


ET                9.1                                                                                  4850
X1   274.0    20.0       4989.0     5014.9      510.4       459.8       476.8
X3       10
GR   320.6    3791.4     320.6      3798.7      318.0       3805.0      317.8       3809.3      314.8       3819.8
GR   314.8    3823.4     315.2      3829.6      315.9       4285.8      315.3       4404.4      314.5       4971.3
GR   314.7    4989.0     310.7      4999.1      310.7       5000.0      310.7       5001.6      314.6       5014.9
GR   314.8    5022.0     314.4      5029.3      314.5       5053.4      317.6       5325.2      319.0       5363.6


ET                9.1                                                                                  4950        5045
        D/S EFFECTIVE FLOW ENCROACHMENT (4 ON 1 EXPANSION)
X1   276.0    19.0       4986.7     5014.0      525.9       520.4       524.8
X3
GR   321.7    3417.1     321.7      3425.9      320.0       3428.9      320.0       3431.3      317.1       3441.2
GR   318.0    3791.3     316.4      4342.8      316.2       4909.9      315.4       4952.3      315.3       4970.1
GR   316.5    4978.2     316.3      4986.7      310.9       4995.8      310.9       5000.0      310.9       5003.3
GR   315.7    5014.0     315.5      5042.2      318.4       5056.4      319.1       5081.4

NC                                   .3          .5

        D/S FACE MONTEREY HWY - DOUBLE BOX CULVERT
X1   278.0    20.0       4989.1     5010.8      150.        50.0        91.7
X3                                   4838.1      320.4
GR   319.4    4471.9     319.1      4786.1      320.0       4796.4      320.0       4820.7      320.4       4821.9
GR   320.4    4838.1     319.0      4848.5      319.1       4903.1      319.5       4906.6      319.7       4956.5
GR   318.6    4965.8     316.6      4976.1      314.9       4989.1      311.0       4989.2      311.0       5000.0
GR   311.0    5010.7     315.2      5010.8      316.8       5055.3      318.0       5071.4      318.9       5500.0
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SC   2.013    .50        2.6        0.0        4.0        10.0       65.        8.3        311.2      310.9
        U/S FACE MONTEREY HWY - DOUBLE BOX CULVERT
X1   280.0    22.0       4989.1     5010.8     65.0       65.0       65.0
X2                       2.
X3                                  4849.3     319.9      5074.8
BT   22.0     4484.0     320.8      319.8      4489.3     320.8      319.0      4610.6     320.6      319.3
BT   4651.6   320.5      319.4      4761.3     320.4      319.4      4820.7     320.4      319.2      4849.6
BT   320.4    319.9      4887.4     320.4      319.2      4928.4     320.4      319.2      4989.1     320.5
BT   315.2    4989.2     320.5      315.2      4994.0     320.4      315.2      5000.0     320.4      315.2
BT   5005.0   320.3      315.2      5010.7     320.2      315.2      5010.8     320.2      315.2      5071.9
BT   320.1    316.8      5074.8     320.1      318.0      5090.6     320.2      318.0      5098.6     320.2
BT   316.5    5228.6     320.1      316.5      5276.4     319.8      317.3
GR   319.8    4484.0     319.0      4489.3     319.3      4610.6     319.4      4651.6     319.4      4761.3
GR   319.2    4820.7     319.9      4849.6     319.2      4887.4     319.2      4928.4     315.2      4989.1
GR   311.2    4989.2     311.2      4994.0     311.2      5000.0     311.2      5005.0     311.2      5010.7
GR   315.2    5010.8     316.8      5071.9     318.0      5074.8     318.0      5090.6     316.5      5098.6
GR   316.5    5228.6     317.3      5276.4

NC   .07      .07        .05

ET                 9.1                                                                      4934.4        5125
X1   282.0    24.0       4980.8     5016.3     30.0       75.0       50.2
X3       10
GR   319.1    4907.0     319.0      4923.6     321.4      4934.4     319.5      4941.5     318.9      4980.8
GR   311.2    4993.2     311.2      5000.0     311.2      5005.8     316.7      5016.3     317.5      5077.5
GR   317.6    5180.      340.       5180.1     340.       5210.      318.2      5210.1     318.6      5429.8
GR   318.6    5470.      340.       5470.1     340.       5965.2     318.3      5965.3     318.4      5988.4
GR   320.8    6060.9     322.0      6248.2     322.9      6577.5     325.3      6846.0

NC                      .03

ET                 9.1                                                                                   5255
        D/S FACE WATSONVILLE ROAD - SINGLE BOX CULVERT
X1   284.0    20.0       4993.4     5006.6     86.2       150.0      130.0
BT   20.0     4854.0     320.0      318.6      4993.4     318.0      315.7      4993.5     318.0      315.7
BT   4994.9   317.6      315.7      5000.0     317.6      315.7      5006.5     317.7      315.7      5006.6
BT   317.7    315.7      5015.3     317.7      316.0      5076.1     317.8      316.2      5210.5     318.1
BT   316.7    5311.2     318.3      317.1      5458.2     318.7      318.4      5645.1     319.7      318.6
BT   5765.5   320.4      319.8      5825.2     320.7      320.6      5941.6     321.3      320.7      6033.8
BT   321.8    321.7      6112.0     322.1      321.9      6192.4     322.7      321.9      6287.6     323.0
BT   322.4
GR   320.0    4854.0     315.7      4993.4     311.2      4993.5     311.2      4994.9     311.2      5000.0
GR   311.2    5006.5     315.7      5006.6     316.0      5015.3     316.2      5076.1     316.7      5210.5
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GR   317.1    5311.2     318.4      5458.2      318.6       5645.1      319.8       5765.5      320.6       5825.2
GR   320.7    5941.6     321.7      6033.8      321.9       6112.0      321.9       6192.4      322.4       6287.6

  Watsonville Road

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ET                 9.1                                                                                                5285
        U/S FACE WATSONVILLE ROAD - SINGLE BOX CULVERT
X1   290.0    20.0       4993.4     5006.6      30.0        30.0        30.0
BT   20.0     4854.0     320.0      318.6       4993.4      318.0       315.7       4993.5      318.0       315.7
BT   4994.9   317.6      315.7      5000.0      317.6       315.7       5006.5      317.7       315.7       5006.6
BT   317.7    315.7      5015.3     317.7       315.0       5076.1      317.8       316.2       5210.5      318.1
BT   316.7    5311.2     318.3      317.1       5458.2      318.7       318.4       5645.1      319.7       318.6
BT   5765.5   320.4      319.8      5825.2      320.7       320.6       5941.6      321.3       320.7       6033.8
BT   321.8    321.7      6112.0     322.1       321.9       6192.4      322.7       321.9       6287.6      323.0
BT   322.4
GR   320.0    4854.0     315.7      4993.4      311.2       4993.5      311.2       4994.9      311.2       5000.0
GR   311.2    5006.5     315.7      5006.6      315.0       5015.3      316.2       5076.1      316.7       5210.5
GR   317.1    5311.2     318.4      5458.2      318.6       5645.1      319.8       5765.5      320.6       5825.2
GR   320.7    5941.6     321.7      6033.8      321.9       6112.0      321.9       6192.4      322.4       6287.6

  Encroach at Monterey Highway


NC   .045     .045       .045
ET                 9.1                                                                                    4675        5585
X1   292.0    35.0       4982.8     5007.7      285.0       310.3       300.0
X3       10
GR   322.6    2793.4     322.6      2800.7      317.0       2815.7      318.2       3340.4      318.6       4306.6
GR   319.0    4463.4     318.4      4472.0      320.0       4500.2      319.3       4543.2      318.5       4561.1
GR   316.8    4569.7     315.9      4720.6      314.9       4745.5      315.3       4837.2      315.9       4982.8
GR   311.2    4998.0     311.2      5000.0      311.2       5001.6      315.0       5007.7      315.8       5054.4
GR   317.2    5253.8     316.2      5295.6      316.8       5323.5      317.4       5328.4      316.7       5331.3
GR   316.7    5370.9     317.7      5373.0      318.7       5391.6      319.9       5398.0      320.4       5514.5
GR   319.4    5559.9     318.5      5567.9      319.3       5592.8      320.6       5744.0      322.0       5833.7

NC                      .04        .1          .3

ET                 9.1                                                                                    4550        5460
X1   294.0    38.0       4982.5     5015.5      475.0       440.0       462.1
X3       10
GR   324.1    2681.4     324.0      2688.9      321.0       2701.1      321.4       3008.1      320.0       3013.3
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GR   319.7    3132.8     321.1      3295.1      320.2       3349.4      321.2       3406.9      322.2       3570.2
GR   321.2    3573.2     319.8      3620.5      320.6       3627.7      319.8       3804.5      319.2       4449.8
GR   320.0    4467.8     320.4      4522.7      321.0       4738.1      319.2       4837.8      318.5       4936.3
GR   318.4    4955.9     319.5      4964.3      317.2       4982.5      314.8       4991.0      311.2       4998.1
GR   311.2    5000.0     311.2      5005.1      317.5       5015.5      317.1       5037.9      318.1       5234.6
GR   317.1    5377.4     316.9      5581.6      318.2       5596.3      318.9       5606.9      317.2       5621.4
GR   319.5    5775.5     322.0      5988.3      323.0       6100.0


ET                9.1                                                                                 4675        5335
X1   296.0    38.0       4986.0     5019.7      530.0       490.0       510.0
X3       10
GR   324.7    2115.7     321.7      2134.6      322.8       2146.3      322.1       2551.1      320.0       2622.7
GR   321.1    2807.3     320.6      3020.0      320.3       3363.7      322.1       4060.0      321.3       4174.8
GR   321.8    4254.6     321.9      4410.1      321.0       4422.7      319.1       4432.4      319.1       4440.7
GR   317.3    4452.4     317.1      4481.7      316.5       4489.5      314.3       4494.4      314.3       4495.7
GR   314.3    4498.4     316.5      4504.6      319.9       4778.0      319.6       4914.7      318.7       4960.3
1
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GR   318.1    4986.0     311.4      4996.6      311.4       5000.0      311.4       5003.6      316.1       5010.7
GR   318.0    5019.7     317.3      5057.0      316.8       5088.4      318.0       5180.2      320.2       5358.3
GR   321.8    5617.1     323.1      5954.8      325.2       6025.9


ET                9.1                                                                                 4770        5240
X1   298.0    40.0       4982.6     5071.1      360.0       400.        383.5
X3       10
GR   325.1    2239.4     323.4      2305.7      325.1       2319.6      324.7       2330.4      322.7       2343.2
GR   322.1    2549.1     320.6      2570.9      323.2       2630.7      322.6       2736.9      323.1       2896.6
GR   323.1    2941.7     325.0      2955.9      324.8       2970.2      321.9       2982.0      321.6       3062.5
GR   320.4    3415.9     322.7      3684.5      320.0       3910.1      321.1       3945.7      319.2       4062.6
GR   320.3    4400.0     315.7      4488.4      314.6       4497.8      314.7       4504.7      316.3       4513.6
GR   317.8    4576.3     318.4      4821.1      318.1       4982.6      311.5       4997.2      311.5       5000.0
GR   311.5    5004.5     312.4      5008.2      311.6       5050.0      315.0       5056.5      318.8       5071.1
GR   318.6    5199.5     318.0      5350.7      320.0       5426.6      322.0       5605.2      323.0       5850.9


ET                9.1                                                                                 4870        5140
X1   300.0    44.0       4983.5     5077.0      370.7       400.7       390.1
X3       10
GR   326.7    2097.6     323.2      2394.9      322.1       2534.6      320.8       2544.8      321.0       2583.2
GR   324.3    2831.8     323.7      2843.8      323.3       3010.5      322.7       3050.4      325.7       3134.5
GR   322.8    3146.8     324.0      3206.8      321.1       3606.6      323.2       3673.5      322.4       3767.1
GR   322.6    4045.2     320.8      4105.7      321.0       4126.3      319.2       4360.6      318.9       4391.1
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GR   317.3    4396.7     317.3      4403.0      320.0       4425.5      319.3       4512.3      318.5       4568.4
GR   319.7    4745.4     319.8      4890.9      319.1       4983.5      312.5       4996.9      312.5       5000.0
GR   312.5    5004.2     314.9      5010.3      315.7       5058.6      319.0       5077.0      319.4       5093.6
GR   320.2    5097.1     320.2      5107.8      318.6       5339.2      320.0       5443.2      319.0       5523.1
GR   319.0    5634.3     320.0      5680.8      321.0       5704.8      322.6       5782.2


ET                 9.1                                                                                 4955        5045
X1   302.0    19.0       4953.2     5050.1      385.        320.        360.
X3   10.
GR   325.4    3850.      321.3      4871.2      321.4       4918.3      321.6       4953.2      318.1       4967.2
GR   312.9    4983.0     312.9      5000.0      312.9       5029.3      317.0       5041.4      320.9       5050.1
GR   320.7    5115.7     320.7      5245.6      320.1       5284.7      320.9       5363.1      321.0       5438.7
GR   322.0    5554.1     322.0      5569.4      322.0       5604.4      322.5       5636.7

NC   .04      .04        .03        .3          .5

        D/S FACE La CROSSE DR. "1" - QUADRUPLE BOX CULVERT
X1   304.0    40.0       4970.8     5029.2      50.0        50.0        50.0
X3   10.                              4936.9                  5104.0
GR   325.5    2515.4     327.1      2545.0      326.5       2619.8      324.0       2634.8      326.0       2864.1
GR   327.0    2958.0     327.3      3071.1      326.9       3178.7      327.1       3233.4      324.1       3242.9
GR   326.8    3467.7     326.5      3520.6      324.3       3553.8      324.1       3587.1      323.8       3662.7
GR   325.1    3907.5     323.1      3977.3      322.2       4099.0      320.4       4117.8      319.9       4185.7
GR   320.3    4256.0     321.5      4321.7      321.5       4449.8      321.5       4557.4      321.4       4671.4
GR   321.6    4807.8     321.7      4936.9      321.1       4970.8      313.1       4970.9      313.1       5000.0
GR   313.1    5029.1     321.1      5029.2      321.3       5104.0      320.5       5270.4      320.9       5359.4
GR   321.3    5439.5     320.6      5513.4      321.0       5633.1      321.5       5692.3      322.0       5779.0
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  LaCross Drive


SC   4.013    .2         2.6        0.          8.0         14.         60.         12.3        313.7       313.1
        U/S FACE La CROSSE DR. "1" - QUADRUPLE BOX CULVERT
X1   310.0    18.0       4970.8     5029.2      60.         60.         60.
X2                       2.
X3   10.
BT   18.0     3900.      325.       325.        4619.6      324.2       322.1       4646.9      324.1       322.1
BT   4761.7   323.5      322.1      4812.6      323.0       322.9       4841.5      323.0       323.0       4944.8
BT   323.4    323.0      4970.8     323.2       322.6       4970.9      323.2       321.7       4980.2      323.1
BT   321.7    5000.0     322.8      321.7       5025.0      322.7       321.7       5029.1      322.6       322.3
BT   5029.2   322.6      322.3      5040.3      322.9       322.9       5094.4      322.4       322.4       5145.2
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BT   321.8    321.6      5227.2     321.5      321.5
GR   325.     3900.      322.1      4619.6     322.1      4646.9     322.1      4761.7     322.9      4812.6
GR   323.0    4841.5     323.0      4944.8     322.6      4970.8     313.7      4970.9     313.7      4980.2
GR   313.7    5000.0     313.7      5025.0     313.7      5029.1     322.3      5029.2     322.9      5040.3
GR   322.4    5094.4     321.6      5145.2     321.5      5227.2


X1   312.0    19.0       4966.3     5046.8     10.0       50.0       34.0
X3                                                        5081.4     322.8
GR   323.0    4922.0     322.6      4966.3     313.7      4977.7     313.8      5000.0     313.9      5023.2
GR   318.7    5036.9     322.1      5046.8     322.8      5081.4     322.2      5215.3     321.5      5222.7
GR   321.0    5261.4     323.0      5292.4     323.5      5363.4     322.6      5455.5     320.3      5483.9
GR   319.5    5520.8     321.1      5534.8     322.1      5575.4     321.5      5650.0

NC                                  .1         .3

X1   314.0    25.0       4985.0     5015.0     220.       260.0      241.9
X3                                                        5120.5     326.5
GR   326.0    4150.3     326.0      4197.0     324.8      4219.4     324.7      4821.8     323.7      4914.3
GR   321.4    4936.0     319.1      4953.0     318.1      4985.0     314.9      4993.9     314.9      5000.0
GR   314.9    5006.1     318.6      5015.0     319.5      5047.8     322.8      5057.9     324.4      5066.5
GR   324.6    5077.3     325.8      5093.3     326.5      5120.5     324.2      5217.6     323.0      5235.2
GR   324.5    5302.6     325.5      5371.4     324.2      5484.9     324.0      5573.5     324.3      5638.9

  Edmundson Creek Confluence


QT   1.       1444.
X1   316.0    40.0       4966.7     5038.0     395.0      395.       395.0
X3                                  4862.4     326.3      5071.6     325.7
GR   328.2    1738.5     325.7      1753.5     324.3      2041.9     325.9      2117.6     325.7      2341.8
GR   326.7    2418.5     325.9      2572.7     325.1      2930.0     326.2      3167.7     325.8      3270.5
GR   325.2    3455.3     325.8      3557.4     324.6      3882.9     325.5      3931.4     326.7      3951.4
GR   327.6    3992.2     328.4      4021.0     327.4      4024.6     325.5      4185.2     324.9      4420.8
GR   324.5    4521.9     325.4      4549.5     326.6      4640.7     325.5      4770.1     326.3      4862.4
GR   325.5    4895.8     325.1      4966.7     320.6      4977.3     315.3      4987.8     315.3      5000.0
GR   315.3    5015.5     320.3      5027.1     325.4      5038.0     325.7      5071.6     324.4      5088.9
GR   325.9    5117.9     323.6      5287.8     323.3      5335.3     325.2      5538.5     323.7      5585.3
1
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NC                                  .3         .5

        D/S FACE La CROSSE DR. "2" - TRIPLE BOX CULVERT
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X1   318.0    13.0       4976.5     5023.5      10.         70.         50.0
X3   10.
GR   325.5    4914.5     323.9      4976.5      315.4       4976.6      315.4       5000.0      315.4       5023.4
GR   323.4    5023.5     326.5      5060.2      326.4       5125.2      326.7       5147.6      326.6       5156.6
GR   324.8    5294.4     325.4      5361.9      324.5       5449.5

  LaCross Drive


SC   3.013    .40        2.6        0.0         8.5         15.         70.0        12.3        315.6       315.4
        U/S FACE La CROSSE DR. "2" - TRIPLE BOX CULVERT
X1   320.0    15.0       4976.5     5023.5      70.0        70.0        70.0
X2                       2.
X3   10.
BT   15.0     4927.6     328.0      328.0       4963.0      326.4       326.1       4976.5      326.3       325.6
BT   4976.6   326.3      324.1      4986.3      326.3       324.1       5000.0      326.2       324.1       5023.4
BT   326.3    324.1      5023.5     326.3       324.8       5031.9      326.3       324.9       5046.7      326.4
BT   326.0    5114.5     326.1      326.0       5168.0      326.4       326.4       5238.8      325.3       325.3
BT   5329.1   324.4      324.1      5432.7      323.9       323.9
GR   328.0    4927.6     326.1      4963.0      325.6       4976.5      315.6       4976.6      315.6       4986.3
GR   315.6    5000.0     315.6      5023.4      324.8       5023.5      324.9       5031.9      326.0       5046.7
GR   326.0    5114.5     326.4      5168.0      325.3       5238.8      324.1       5329.1      323.9       5432.7


X1   322.0    24.0       4957.4     5039.3      60.0        60.0        60.0
X3   10.
GR   325.9    4677.6     325.3      4798.1      325.1       4903.4      328.1       4922.7      327.4       4938.9
GR   325.7    4946.4     325.5      4957.4      315.8       4980.0      315.8       5000.0      315.8       5019.2
GR   319.7    5029.2     325.4      5039.3      325.8       5094.1      324.8       5097.6      325.0       5119.7
GR   325.8    5125.1     326.4      5221.7      324.4       5326.2      324.9       5335.3      325.7       5348.8
GR   326.1    5416.1     326.4      5510.5      326.5       5589.6      326.1       5652.9

NC                                  .1          .3

X1   324.0    40.0       4972.8     5065.5      525.0       525.0       525.0
X3                                  4930.2      326.5       5162.7      326.07
GR   330.8    2226.8     327.0      2268.2      323.9       2322.9      326.5       2331.2      327.1       2705.4
GR   326.7    2765.3     327.0      2807.9      326.6       3003.2      327.4       3163.7      326.0       3334.7
GR   326.5    3610.5     327.3      4038.5      325.5       4128.8      325.1       4340.4      326.1       4366.7
GR   328.7    4468.0     327.3      4553.0      326.9       4634.4      325.7       4688.0      325.6       4909.8
GR   326.5    4930.2     322.6      4938.8      321.3       4972.8      318.4       4980.7      318.3       4989.8
GR   316.6    4995.7     316.6      5000.0      316.6       5003.6      318.0       5007.3      318.0       5016.8
GR   320.9    5027.3     321.3      5065.5      316.5       5076.5      316.5       5083.0      325.7       5097.1
GR   326.0    5162.7     325.5      5361.3      325.9       5542.0      327.0       5904.4      327.3       6111.3
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QT   1.       1269.
X1   326.0    30.0       4967.6     5039.8      260.        230.        255.0
X3                                  4932.3      326.9
GR   328.3    3230.0     327.9      3461.0      327.7       3794.6      328.2       4094.5      327.7       4214.1
GR   327.2    4513.7     326.4      4548.4      329.3       4627.0      328.6       4670.0      326.4       4703.2
GR   325.0    4817.3     326.9      4932.3      324.4       4951.0      324.3       4967.6      318.7       4981.2
GR   318.3    4992.3     316.6      4995.9      316.6       5000.0      316.6       5004.1      318.2       5006.7
GR   318.3    5016.3     323.4      5039.8      323.4       5200.9      323.4       5281.1      324.1       5297.0
GR   324.1    5306.0     325.1      5412.2      326.3       5743.5      327.5       6111.8      328.3       6261.3

NC   .045     .045                  .3          .5

ET                 9.1                                                                                  4955        5045
        D/S FACE EDMUNDSON AVE. - TRIPLE BOX CULVERT
X1   328.0    20.0       4977.9     5022.1      70.         78.         71.2
GR   329.1    4679.2     328.6      4709.0      327.5       4833.9      321.8       4977.9      315.3       4978.0
GR   315.3    4989.5     315.3      5000.0      315.3       5022.0      321.8       5022.1      323.0       5161.1
GR   323.9    5266.3     324.4      5313.1      324.8       5326.5      325.7       5452.6      325.2       5662.6
GR   326.4    5766.6     327.2      5889.8      327.0       6071.9      328.7       6250.7      329.3       6367.0

  Edmundson Avenue (Tennant)


SC   3.013    .40        2.6        0.0         6.5         13.3        80.         12.3        317.9       315.3
        U/S FACE EDMUNDSON AVE. - TRIPLE BOX CULVERT
X1   330.0    27.0       4977.9     5022.1      80.0        80.0        80.0
X2                       2.
X3   10.
BT   27.0     4594.1     327.9      327.9       4908.9      328.4       327.8       4936.6      328.3       326.6
BT   4967.3   328.3      326.9      4977.9      328.3       324.4       4978.0      328.2       324.4       4990.0
BT   328.2    324.4      5000.0     328.2       324.4       5018.3      328.1       324.4       5022.0      327.9
BT   324.4    5022.1     327.9      327.2       5074.7      327.7       326.9       5162.2      327.2       326.4
BT   5254.9   326.8      325.8      5324.1      326.4       325.8       5393.4      326.1       325.6       5450.2
BT   325.8    325.6      5532.3     326.0       326.0       5614.6      326.9       326.9       5680.6      326.5
BT   326.5    5718.8     326.3      326.3       5721.2      325.5       325.5       5745.7      325.6       325.6
BT   5773.4   327.6      327.6      5826.2      326.5       326.5       5901.1      327.1       327.1       5963.6
BT   329.5    329.5
GR   327.9    4594.1     327.8      4908.9      326.6       4936.6      326.9       4967.3      324.4       4977.9
GR   317.9    4978.0     317.9      4990.0      317.9       5000.0      317.9       5018.3      317.9       5022.0
GR   327.2    5022.1     326.9      5074.7      326.4       5162.2      325.8       5254.9      325.8       5324.1
GR   325.6    5393.4     325.6      5450.2      326.0       5532.3      326.9       5614.6      326.5       5680.6
GR   326.3    5718.8     325.5      5721.2      325.6       5745.7      327.6       5773.4      326.5       5826.2
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 GR   327.1    5901.1     329.5      5963.6

 NC   .12                            .1          .3

 X1   332.0    39.0       4974.3     5037.7      60.0        60.0        60.0
 X3                                  4738.3      330.33      5788.3      330.7
 GR   328.0    3464.0     327.9      3570.5      326.6       3716.8      326.9       3780.0      327.4       3871.7
 GR   327.4    4002.1     328.5      4185.5      329.3       4359.2      328.3       4652.4      330.3       4738.3
 GR   330.1    4761.7     328.4      4825.2      327.5       4911.6      325.6       4942.5      325.3       4961.8
 GR   322.4    4974.3     319.1      4987.3      318.8       4994.8      317.9       4996.9      317.9       5000.0
 GR   317.9    5005.1     318.9      5008.2      319.5       5022.2      323.3       5037.7      324.4       5096.2
1
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 GR   324.7    5195.9     325.3      5301.6      325.8       5496.3      326.5       5573.9      327.6       5738.5
 GR   330.7    5788.3     330.3      5805.0      328.8       5829.2      331.0       5901.7      330.9       5920.8
 GR   329.9    6042.1     331.9      6096.3      335.3       6152.0      336.1       6169.1


 X1   334.0    39.0       4989.1     5012.7      445.6       400.0       432.0
 X3                                  4631.6      330.1         5147.1
 GR   332.4    2589.1     332.4      2598.7      330.5       2608.0      327.9       2688.3      329.6       2850.1
 GR   329.2    3043.0     329.7      3102.1      330.0       3257.5      329.1       3358.2      328.4       3771.4
 GR   327.6    4591.8     330.1      4631.6      329.7       4717.3      328.7       4720.5      326.9       4930.6
 GR   325.1    4950.1     323.0      4989.1      319.7       4994.8      319.7       5000.0      319.7       5005.3
 GR   323.6    5012.7     324.4      5033.9      325.3       5147.1      325.8       5399.6      326.6       5456.2
 GR   327.6    5592.3     327.6      5664.0      326.6       5673.5      327.8       5739.1      321.0       5785.1
 GR   318.5    5793.8     318.6      5989.5      323.6       6021.5      326.5       6069.7      328.8       6120.2
 GR   327.6    6138.7     328.4      6383.1      329.4       6399.3      330.3       6465.0


 X1   336.0    40.0       4988.6     5011.3      359.0       357.6       358.9
 X3                                  4912.6      329.4         5047.4
 GR   331.9    2622.2     332.1      2639.3      330.6       2666.6      328.5       2711.2      332.3       2730.0
 GR   330.4    3055.2     329.6      3356.9      332.9       3672.7      329.7       3893.4      328.9       4107.6
 GR   330.4    4516.8     331.1      4570.9      330.0       4623.7      328.5       4853.6      329.4       4912.6
 GR   327.3    4968.6     324.4      4988.6      321.3       4996.7      321.3       5000.0      321.3       5004.5
 GR   325.6    5011.3     326.4      5047.4      327.8       5299.9      329.5       5386.9      329.7       5485.7
 GR   328.8    5568.6     330.4      5571.6      330.3       5575.7      328.1       5589.8      327.8       5610.0
 GR   330.4    5624.0     329.9      5639.5      327.1       5665.5      327.0       5686.4      330.8       5755.4
 GR   330.9    5793.3     328.0      5901.8      329.5       6039.6      328.3       6063.1      329.8       6360.6

 NC                                  .3          .5

         D/S FACE EDES CT. - TRIPLE BOX CULVERT
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 X1   338.0    45.0       4984.2     5015.9      83.8        83.6        83.6
 X3                                  4857.0      329.6       5440.6      330.2
 GR   334.7    2615.5     334.7      2623.3      333.4       2649.6      331.6       2659.9      332.5       2715.7
 GR   332.7    2757.5     329.1      2768.9      328.7       2854.1      331.7       2862.2      330.1       2991.8
 GR   330.3    3552.1     332.7      3654.1      333.2       3686.2      329.6       3856.8      329.3       3893.4
 GR   330.3    4344.8     330.5      4502.5      331.0       4554.2      330.2       4606.4      329.5       4732.2
 GR   328.1    4835.9     329.6      4857.0      329.2       4873.2      327.5       4984.2      322.0       4984.3
 GR   322.0    4993.8     322.0      5000.0      322.0       5015.8      327.7       5015.9      329.2       5094.9
 GR   329.8    5250.5     330.2      5440.6      328.7       5480.0      330.7       5606.6      332.5       5616.8
 GR   331.4    5634.9     327.8      5666.7      326.7       5784.9      330.6       5866.8      332.9       5928.5
 GR   334.0    5975.9     334.4      5994.1      330.0       6023.6      328.1       6041.2      330.1       6319.9


 ET                 9.1                                                                                   4860        5110
 SC   3.013    .2         2.6        0.0         5.          10.         45.         9.2         322.5       322.5
         U/S FACE EDES CT. - TRIPLE BOX CULVERT
 X1   340.0    37.0       4984.2     5015.9      45.0        45.0        45.0
 X2                       2.
 X3       10
 BT   37.0     2614.2     331.0      330.0       2620.4      332.1       330.9       2803.5      329.4       329.1
 BT   2879.3   331.6      331.6      3006.0      331.2       331.2       3065.2      330.4       329.8       3218.1
 BT   331.2    331.1      3354.0     331.1       331.1       3652.0      330.5       329.9       3685.1      333.3
 BT   333.3    3869.5     329.7      329.5       3931.7      330.0       330.0       4241.0      331.2       330.8
1
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 BT   4531.1   330.4      330.0      4623.5      330.3       329.8       4644.4      331.2       331.2       4824.2
 BT   328.6    328.5      4835.2     328.6       327.9       4984.2      328.6       327.5       4984.3      328.4
 BT   327.5    4986.2     328.4      327.5       4994.1      328.4       327.5       4996.8      328.4       327.5
 BT   5000.0   328.4      327.5      5003.3      328.4       327.5       5006.4      328.6       327.5       5015.8
 BT   328.6    327.5      5015.9     328.6       327.5       5020.9      328.6       328.2       5085.3      329.2
 BT   328.2    5287.6     330.1      330.0       5474.1      328.2       328.2       5715.6      328.0       328.0
 BT   5861.6   330.2      329.0      5906.7      332.8       332.8       5934.3      334.4       334.4       5992.1
 BT   335.0    335.0
 GR   330.0    2614.2     330.9      2620.4      329.1       2803.5      331.6       2879.3      331.2       3006.0
 GR   329.8    3065.2     331.1      3218.1      331.1       3354.0      329.9       3652.0      333.3       3685.1
 GR   329.5    3869.5     330.0      3931.7      330.8       4241.0      330.0       4531.1      329.8       4623.5
 GR   331.2    4644.4     328.5      4824.2      325.9       4835.2      327.5       4984.2      322.3       4984.3
 GR   322.3    4986.2     322.3      4994.1      322.3       4996.8      322.3       5000.0      322.3       5003.3
 GR   322.3    5006.4     322.3      5015.8      327.5       5015.9      328.2       5020.9      328.2       5085.3
 GR   330.0    5287.6     328.2      5474.1      328.0       5715.6      329.0       5861.6      332.8       5906.7
 GR   334.4    5934.3     335.0      5992.1


 ET                 9.1                                                                                   4935        5175
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X1   342.0    44.0       4946.8     5011.2      65.0        65.0        65.0
X3       10
GR   335.6    2870.3     336.0      2951.5      334.4       2984.0      330.4       3008.5      330.1       3020.1
GR   330.0    3455.0     329.9      3620.8      333.0       3644.2      332.3       3686.4      331.3       3701.4
GR   329.9    4304.2     332.3      4314.4      330.0       4503.1      331.1       4569.8      330.3       4596.6
GR   331.3    4645.8     329.9      4751.6      328.7       4795.1      325.5       4804.7      325.0       4906.8
GR   328.9    4915.3     327.8      4933.2      330.0       4935.3      325.3       4946.8      324.6       4989.5
GR   322.5    4995.8     322.5      5000.0      322.5       5003.5      326.4       5011.2      328.6       5137.6
GR   328.7    5415.5     331.4      5428.6      328.3       5446.3      330.6       5613.0      329.0       5633.1
GR   325.8    5659.0     327.2      5682.9      327.5       5835.1      332.2       5880.7      335.0       5932.9
GR   335.0    5977.6     336.0      6006.8      329.0       6219.7      329.7       6302.0


ET                 9.1                                                                                   4950        5085
X1   344.0    32.0       4991.2     5009.5      574.3       570.9       571.5
X3       10
GR   333.4    2746.7     334.7      2775.3      336.9       2796.3      336.9       2803.8      332.6       2819.0
GR   333.1    2861.5     331.9      3144.3      331.7       3182.9      331.1       3847.9      330.4       3854.3
GR   330.4    3884.0     331.0      4507.7      332.2       4566.2      330.2       4734.1      328.4       4758.1
GR   326.2    4991.2     322.3      4997.8      322.3       5000.0      322.3       5001.5      327.1       5009.5
GR   328.3    5104.4     330.4      5151.9      331.3       5337.8      331.1       5579.7      333.8       5601.6
GR   333.5    5615.6     331.0      5633.5      331.1       5943.1      333.2       6049.8      335.3       6174.9
GR   337.8    6304.6     340.1      6381.1


        D/S FACE SMALL ONE LANE CROSSING - WOOD DECK, ONE OPENING
X1   348.0    32.0       4994.0     5005.6      25.0        25.0        25.0
X3                                  4953.9      330.3       5383.4      331.5
BT   32.0     2756.4     333.9      332.9       2817.4      337.1       337.1       2841.6      333.3       333.1
BT   3150.6   331.8      331.8      3562.0      332.9       332.9       3854.5      331.2       331.2       3902.7
BT   331.1    331.1      4235.4     332.1       332.1       4515.1      331.5       331.4       4575.7      332.6
BT   332.6    4628.9     331.8      331.8       4925.5      329.5       329.5       4953.9      330.3       330.3
BT   4964.8   327.4      326.9      4978.3      327.8       326.7       4994.0      328.2       327.55      4994.1
BT   328.2    327.55     4997.9     328.2       327.55      5000.0      328.2       327.55      5001.3      328.2
BT   327.55   5005.5     328.1      327.55      5005.6      328.1       327.5       5055.0      328.2       327.1
1
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BT   5082.5   330.1      330.1      5115.9      330.5       330.5       5383.4      331.5       331.5       5582.0
BT   331.8    330.6      5606.2     335.5       335.5       6015.5      333.7       333.7       6127.7      334.8
BT   334.8    6297.0     339.9      339.9       6380.0      342.4       342.4
GR   332.9    2756.4     337.1      2817.4      333.1       2841.6      331.8       3150.6      332.9       3562.0
GR   331.2    3854.5     331.1      3902.7      332.1       4235.4      331.4       4515.1      332.6       4575.7
GR   331.8    4628.9     329.5      4925.5      330.3       4953.9      326.9       4964.8      326.7       4978.3
GR   326.9    4994.0     322.8      4994.1      322.8       4997.9      322.8       5000.0      322.8       5001.3
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GR   322.8    5005.5     327.5      5005.6      327.1       5055.0      330.1       5082.5      330.5       5115.9
GR   331.5    5383.4     330.6      5582.0      335.5       5606.2      333.7       6015.5      334.8       6127.7
GR   339.9    6297.0     342.4      6380.0

  Barrett Avenue


        U/S FACE SMALL ONE LANE CROSSING - WOOD DECK, ONE OPENING
X1   350.0    32.0       4994.0     5005.6      12.0        12.0        12.0
X3                                  4953.9      330.3       5383.4      331.5
BT   32.0     2756.4     333.9      332.9       2817.4      337.1       337.1       2841.6      333.3       333.1
BT   3150.6   331.8      331.8      3562.0      332.9       332.9       3854.5      331.2       331.2       3902.7
BT   331.1    331.1      4235.4     332.1       332.1       4515.1      331.5       331.4       4575.7      332.6
BT   332.6    4628.9     331.8      331.8       4925.5      329.5       329.5       4953.9      330.3       330.3
BT   4964.8   327.4      326.9      4978.3      327.8       326.7       4994.0      328.2       327.55      4994.1
BT   328.2    327.55     4997.9     328.2       327.55      5000.0      328.2       327.55      5001.3      328.2
BT   327.55   5005.5     328.1      327.55      5005.6      328.1       327.5       5055.0      328.2       327.1
BT   5082.5   330.1      330.1      5115.9      330.5       330.5       5383.4      331.5       331.5       5582.0
BT   331.8    330.6      5606.2     335.5       335.5       6015.5      333.7       333.7       6127.7      334.8
BT   334.8    6297.0     339.9      339.9       6380.0      342.4       342.4
GR   332.9    2756.4     337.1      2817.4      333.1       2841.6      331.8       3150.6      332.9       3562.0
GR   331.2    3854.5     331.1      3902.7      332.1       4235.4      331.4       4515.1      332.6       4575.7
GR   331.8    4628.9     329.5      4925.5      330.3       4953.9      326.9       4964.8      326.7       4978.3
GR   326.9    4994.0     322.8      4994.1      322.8       4997.9      322.8       5000.0      322.8       5001.3
GR   322.8    5005.5     327.5      5005.6      327.1       5055.0      330.1       5082.5      330.5       5115.9
GR   331.5    5383.4     330.6      5582.0      335.5       5606.2      333.7       6015.5      334.8       6127.7
GR   339.9    6297.0     342.4      6380.0


X1   352.0    29.0       4982.7     5053.0      380.0       380.0       380.0
X3                                  4675.2      334.7       5085.4      337.3
GR   338.1    3015.0     336.4      3024.5      335.6       3257.7      335.0       3269.1      334.2       3466.9
GR   335.6    3507.5     333.9      3931.1      334.7       3965.3      332.3       3985.0      333.8       4394.1
GR   334.1    4599.2     334.7      4675.2      331.3       4945.5      330.5       4982.7      323.5       4997.5
GR   323.5    5000.0     323.5      5003.7      323.9       5023.1      326.1       5053.0      332.3       5076.9
GR   337.3    5085.4     336.8      5094.6      336.0       5113.8      335.2       5119.7      329.2       5127.8
GR   330.3    5213.9     332.0      5239.0      333.7       6070.2      337.1       6113.0


        D/S FACE COSMO AVE. - TWIN PIPE CULVERT
X1   354.0    32.0       4995.1     5046.7      25.0        25.0        25.0
X3                                  4413.5      336.3
BT   32.      3029.1     338.1      338.1       3047.8      336.2       336.2       3282.8      335.        335.
BT   3511.7   334.5      334.5      3522.5      335.2       335.2       3920.5      333.3       333.3       4080.5
BT   332.5    332.5      4097.6     333.5       333.5       4407.6      334.5       334.5       4413.5      336.3
BT   336.3    4602.4     335.1      335.1       4659.9      335.        335.        4692.8      334.6       334.6
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 BT   4713.5   333.9      333.9      4995.1      330.6       330.6       4995.2      330.6       328.4       5000.
1
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 BT   330.6    328.4      5004.9     330.6       328.4       5005.0      330.6       328.6       5046.7      330.6
 BT   329.2    5052.9     330.6      328.6       5053.       330.6       328.0       5082.9      330.6       328.
 BT   5083.    330.6      328.       5163.6      331.1       331.1       5299.8      332.3       332.3       5493.8
 BT   332.3    332.3      5624.2     333.        333.        5938.4      333.2       333.2       6087.1      335.5
 BT   335.5    6129.9     338.1      338.1       6171.5      338.1       338.1
 GR   338.1    3029.1     336.2      3047.8      335.0       3282.8      334.5       3511.7      335.2       3522.5
 GR   333.3    3920.5     332.5      4080.5      333.5       4097.6      334.5       4407.6      336.3       4413.5
 GR   335.1    4602.4     335.0      4659.9      334.6       4692.8      333.9       4713.5      330.6       4995.1
 GR   323.9    4995.2     323.9      5000.0      323.9       5004.9      328.6       5005.0      329.2       5046.7
 GR   328.6    5052.9     319.4      5053.0      319.4       5082.9      328.0       5083.0      331.1       5163.6
 GR   332.3    5299.8     332.3      5493.8      333.0       5624.2      333.2       5938.4      335.5       6087.1
 GR   338.1    6129.9     338.1      6171.5


         U/S FACE COSMO AVE. - TWIN PIPE CULVERT
 X1   360.0    26.0       4995.1     5007.6      60.0        60.0        60.0
 X3                                  4441.5      336.3
 BT   26.      3087.7     338.5      338.5       3102.1      336.0       335.3       3596.3      334.1       334.1
 BT   4070.9   334.4      334.4      4112.8      332.9       332.6       4433.8      334.2       334.2       4441.5
 BT   336.6    336.3      4722.2     335.0       335.0       4749.7      333.8       333.8       4908.5      331.6
 BT   330.3    4995.1     331.7      330.5       4995.2      331.7       328.8       4997.8      331.7       328.8
 BT   5000.0   331.6      328.8      5004.9      331.6       328.8       5005.0      331.6       328.8       5007.6
 BT   331.6    330.6      5024.0     331.7       330.6       5076.4      331.8       330.0       5081.0      331.8
 BT   329.8    5081.1     331.9      329.8       5111.0      331.9       329.9       5111.1      331.9       329.9
 BT   5188.9   331.3      331.3      5933.9      335.1       335.1       6227.1      342.3       342.3
 GR   338.5    3087.7     335.3      3102.1      334.1       3596.3      334.4       4070.9      332.6       4112.8
 GR   334.2    4433.8     336.3      4441.5      335.0       4722.2      333.8       4749.7      330.3       4908.5
 GR   330.5    4995.1     324.3      4995.2      324.3       4997.8      324.3       5000.0      324.3       5004.9
 GR   328.8    5005.0     330.6      5007.6      330.6       5024.0      330.0       5076.4      329.8       5081.0
 GR   321.5    5081.1     321.5      5111.0      329.9       5111.1      331.3       5188.9      335.1       5933.9
 GR   342.3    6227.1


 X1   362.0    32.0       4991.5     5010.1      40.0        40.0        40.0
 X3                                  4439.3      336.2
 GR   338.4    3095.5     335.4      3108.9      335.2       3827.5      332.9       4138.9      334.2       4435.0
 GR   336.2    4439.3     335.5      4624.5      335.3       4713.1      334.0       4735.7      330.6       4861.4
 GR   328.3    4991.5     325.2      4997.4      325.2       5000.0      325.2       5003.6      329.5       5010.1
 GR   329.7    5056.7     321.6      5074.0      321.0       5089.5      319.7       5094.0      319.7       5098.3
 GR   321.6    5100.6     322.5      5117.6      330.2       5133.4      331.0       5201.2      331.6       5315.7
 GR   332.4    5513.0     333.1      5700.8      338.1       6000.4      348.5       6285.2      362.3       6456.5
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GR   375.8    6559.2     383.9      6613.7

NC            .186       .04        .1          .3
QT   1.       1094.
X1   364.0    32.0       4993.9     5008.5      725.0       725.0       725.0
X3       10                          4700.8      335.6       5183.6      334.4
GR   340.4    3273.3     337.6      3309.5      335.5       3314.7      337.0       3548.5      336.1       4156.9
GR   336.1    4252.5     335.5      4261.5      334.1       4450.0      331.1       4500.0      331.7       4645.1
GR   335.4    4650.7     335.6      4700.8      333.0       4703.9      332.        4750.       330.        4993.9
GR   326.5    4997.9     326.5      5000.0      326.5       5002.6      332.3       5008.5      333.5       5072.0
GR   334.4    5183.6     333.1      5213.7      338.4       5576.2      341.2       5677.1      342.8       5683.0
GR   347.4    5727.8     355.5      5738.4      357.0       5831.6      369.2       5893.9      384.3       5971.3
GR   397.5    6018.0     414.0      6064.9
1
    06MAY14      09:05:54                                                                                          PAGE    22



  End Encroachment at Monterey Highway


ET                 4.1                    4920.        5100
X1   366.0    29.0       4987.3     5013.7      448.2       443.9       445.4
X3       10
GR   341.3    3378.6     337.9      3408.6      339.2       3418.8      340.2       3559.5      337.4       3781.6
GR   338.9    3868.5     335.7      4469.0      335.5       4610.3      335.5       4670.9      334.9       4695.6
GR   333.9    4724.5     334.9      4768.4      335.7       4857.1      335.2       4924.5      334.8       4987.3
GR   327.3    4998.4     327.3      5000.0      327.3       5001.3      334.9       5013.7      336.2       5239.2
GR   339.0    5440.5     341.1      5580.5      340.6       5636.8      340.3       5674.5      342.0       5705.6
GR   345.5    5857.7     347.6      5977.9      353.1       6051.2      354.4       6059.6

NC                        .03        .3          .5

        D/S FACE SPRING AVE. - SINGLE BOX CULVERT
X1   368.0    25.0       4995.9     5004.1      50.0        50.0        50.0
X3       10                              4935                    5065
GR   340.5    3506.3     340.1      3588.1      337.2       3669.2      338.0       3725.3      337.9       3944.1
GR   335.8    4140.8     335.1      4158.4      333.6       4464.0      333.1       4524.7      333.9       4620.4
GR   335.5    4672.5     335.4      4724.2      335.2       4874.7      333.4       4995.9      327.4       4996.0
GR   327.4    5000.0     327.4      5004.0      333.4       5004.1      336.1       5079.6      339.1       5505.4
GR   340.2    5641.3     340.9      5657.5      340.2       5678.9      349.6       6043.9      357.2       6212.9

  Spring Avenue


ET                 4.1                    4775        5120
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 X1   370.0    28.0       4995.9     5004.1           54.         54.         54.
 X3       10                              4920                    5080
 BT   28.      3439.9     341.9      341.9       3447.0      339.3       339.3       3457.5      339.1       339.1
 BT   3914.9   338.6      338.6      4142.8      336.4       336.4       4154.9      335.1       335.1       4196.6
 BT   334.6    334.6      4684.4     334.5       334.5       4731.1      334.0       334.0       4742.6      335.9
 BT   335.9    4828.8     336.3      336.3       4889.3      336.5       336.5       4984.8      335.2       335.2
 BT   4995.9   335.1      334.3      4996.0      335.2       334.3       5000.0      335.2       334.3       5002.9
 BT   335.2    334.3      5004.0     335.2       334.3       5004.1      335.2       333.9       5215.6      337.3
 BT   337.3    5637.4     340.5      340.0       5674.6      341.0       339.6       5690.4      341.2       341.0
 BT   5792.7   343.1      343.1      5997.5      347.3       346.9       6006.5      348.0       348.0       6142.8
 BT   352.1    350.8      6226.2     355.0       354.0
 GR   341.9    3439.9     339.3      3447.0      339.1       3457.5      338.6       3914.9      336.4       4142.8
 GR   335.1    4154.9     334.6      4196.6      334.5       4684.4      334.0       4731.1      335.9       4742.6
 GR   336.3    4828.8     336.5      4889.3      335.2       4984.8      334.3       4995.9      328.3       4996.0
 GR   328.3    5000.0     328.3      5002.9      328.3       5004.0      333.9       5004.1      337.3       5215.6
 GR   340.0    5637.4     339.6      5674.6      341.0       5690.4      343.1       5792.7      346.9       5997.5
 GR   348.0    6006.5     350.8      6142.8      354.0       6226.2

 NC   .045                .04        .1          .3

 ET                 4.1                    4775        5120
1
    06MAY14      09:05:54                                                                                    PAGE    23


        U/S FACE SPRING AVE. - SINGLE BOX CULVERT
 X1   370.2                                          1.0         1.0         1.0
 X3       10


 ET                 4.1                    4700        5190
 X1   372.0    24.0       4980.1     5008.4      80.0        60.0        70.0
 X3       10
 GR   342.3    3438.2     342.3      3445.8      339.4       3452.6      339.5       3469.7      334.7       4127.6
 GR   333.5    4456.3     333.4      4597.2      334.9       4640.8      334.9       4656.0      333.3       4689.5
 GR   334.7    4858.3     336.6      4940.7      335.3       4980.1      328.9       4996.8      328.9       5000.0
 GR   328.9    5003.4     334.7      5008.4      335.8       5137.5      337.8       5319.6      340.1       5620.8
 GR   341.5    5680.3     343.4      5807.2      348.5       6015.6      350.6       6107.9


 X1   374.0    28.0       4990.1     5008.4      576.1       655.1       624.8
 X3       10                              4700                  5019.6       339.3
 GR   343.8    3535.8     340.5      3546.4      336.4       4069.1      336.1       4110.7      335.8       4611.2
 GR   334.7    4641.4     338.2      4925.3      336.5       4990.1      330.8       4996.8      330.8       5000.0
 GR   330.8    5003.4     336.7      5008.4      337.1       5012.8      339.3       5019.6      338.0       5069.0
 GR   336.9    5084.8     339.5      5316.4      340.4       5422.5      341.1       5481.0      341.4       5534.5
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GR   341.5    5583.4     345.6      5617.9      345.4       5693.2      346.3       5716.5      347.8       5736.8
GR   347.1    5828.3     349.4      5897.5      348.5       6065.7

NC   .08      .07        .045       .3          .5

ET                 9.1                                                                                  4700        5040
        D/S FACE COILINO AVE. - SINGLE BOX CULVERT UNDER A PARKING AREA
X1   376.0    19.0       4995.8     5004.2      37.4        24.5        24.8
X3       10                            4700
GR   342.7    3572.3     337.4      4036.1      336.2       4065.5      335.2       4541.8      336.0       4580.1
GR   336.0    4605.1     336.       4995.8      330.8       4995.9      330.8       4997.4      330.8       5000.0
GR   330.8    5004.1     336.0      5004.2      337.0       5084.6      339.9       5381.6      341.3       5506.9
GR   343.7    5626.2     346.0      5801.8      346.1       5871.6      349.2       5901.8

NC            .10

  Dunne Avenue

ET                 9.1                                                                                  4205
SC   1.013    .5         2.6        0.          5.0         8.25        610.        8.3         333.9       330.8
        U/S FACE DUNNE AVE. - SINGLE BOX CULVERT
X1   380.0    20.0       4995.8     5004.2      619.1       606.3       610.0
X2                       2.
X3       10                          4826.6       340.6
BT   20.      3907.5     345.0      345.0       3923.3      343.7       339.5       4479.1      339.2       339.2
BT   4826.6   340.6      340.6      4877.1      339.7       339.7       4990.9      339.7       338.6       4995.8
BT   339.7    338.9      4995.9     339.7       338.9       5000.0      339.7       338.9       5004.1      339.7
BT   338.4    5004.2     339.7      338.9       5012.9      339.7       337.5       5076.3      339.6       339.0
BT   5305.2   341.5      340.5      5503.8      343.9       343.8       5568.7      346.2       346.2       5712.4
BT   350.1    350.1      5720.7     348.4       347.4       5920.5      351.9       350.9       6138.0      354.9
BT   353.9
GR   345.0    3907.5     339.5      3923.3      339.2       4479.1      340.6       4826.6      339.7       4877.1
GR   338.6    4990.9     338.9      4995.8      333.9       4995.9      333.9       5000.0      333.9       5004.1
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GR   338.9    5004.2     337.5      5012.9      339.0       5076.3      340.5       5305.2      343.8       5503.8
GR   346.2    5568.7     350.1      5712.4      347.4       5720.7      350.9       5920.5      353.9       6138.0

NC   .045     .055       .04

ET                 9.1                                                                                  4230
X1   382.0    20.0       4994.0     5011.4      110.0       80.0        95.0
X3       10                          4879.5       341.1
GR   345.6    3926.7     345.6      3934.6      339.5       3954.0      339.7       4126.3      339.5       4497.6
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GR   340.5    4774.9     341.5      4808.0      341.5       4826.6      340.5       4868.5      341.1       4879.5
GR   339.6    4994.0     334.1      4997.1      334.1       5000.0      334.1       5003.7      337.6       5011.4
GR   340.3    5134.1     341.0      5313.2      347.4       5534.8      350.5       5602.8      353.9       5676.9

NC   .191

ET                 9.1                                                                                   4305
QT   1.       980.
        D/S FACE 5TH STREET - SINGLE BOX CULVERT
X1   384.0    20.0       4995.9     5004.1      305.0       300.0       305.0
X3       10                          4496.9       342.6
GR   346.5    3918.8     345.1      3946.9      340.5       3958.5      341.3       4105.6      342.6       4496.9
GR   341.8    4769.6     341.5      4797.7      340.7       4823.8      340.0       4985.2      339.5       4995.9
GR   334.3    4996.0     334.3      5000.0      334.3       5004.0      339.5       5004.1      346.7       5177.5
GR   354.5    5267.7     356.0      5311.8      376.4       5412.1      376.7       5448.8      384.5       5467.4

  5th Street


ET                 9.1                                                                                   4640
X1   390.0    26.0       4995.9     5004.1           59.         59.         59.
X3       10
BT   26.      3940.8     346.8      346.8       3948.5      346.8       346.8       3958.4      345.5       345.5
BT   3997.8   345.1      345.1      4009.5      341.1       341.1       4747.6      341.4       341.4       4792.7
BT   341.5    341.5      4836.5     341.0       341.0       4848.4      340.6       340.6       4857.3      341.2
BT   341.2    4920.1     340.9      340.9       4925.5      340.2       340.2       4986.4      340.0       340.0
BT   4995.9   340.5      339.6      4996.0      340.5       339.6       5000.0      340.5       339.6       5004.0
BT   340.5    339.6      5004.1     340.5       339.6       5008.0      340.5       339.5       5061.9      342.6
BT   341.3    5221.1     354.2      352.4       5223.7      355.9       355.9       5271.0      360.1       360.1
BT   5316.7   363.9      363.3      5346.2      379.4       379.4       5394.0      382.1       382.1
GR   346.8    3940.8     346.8      3948.5      345.5       3958.4      345.1       3997.8      341.1       4009.5
GR   341.4    4747.6     341.5      4792.7      341.0       4836.5      340.6       4848.4      341.2       4857.3
GR   340.9    4920.1     340.2      4925.5      339.2       4986.4      339.6       4995.9      334.5       4996.0
GR   334.5    5000.0     334.6      5004.0      339.4       5004.1      339.5       5008.0      341.3       5061.9
GR   352.4    5221.1     355.9      5223.7      360.1       5271.0      363.3       5316.7      379.4       5346.2
GR   382.1    5394.0


ET                 9.1                                                                                   4640
        U/S FACE 5TH STREET - SINGLE BOX CULVERT
X1   390.2                                          1.0         1.0         1.0
X3       10
1
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NC            .07        .05

ET                 9.1                                                                                    4480
QT   1.       900.
        D/S FACE MONTEREY RD. @ 4TH STREET - SINGLE BOX CULVERT
X1   392.0         15.      993.9   5006.1      160.        160.        160.
X3       10
GR      344       4060        346       4070         346        4090         344        4150         342        4180
GR      342       4230        342       4875       339.1      4993.9       335.1      4994.0       335.1       5000.
GR    335.1     5006.0      339.1     5006.1       340.0      5150.0        342.        5185         350        5290

  Monterey Road


ET                 9.1                                                                                    4410
SC    1.015         .2          3         25           4          12         290         8.2       335.8       335.1
        U/S FACE MONTEREY RD. @ 4TH STREET - SINGLE BOX CULVERT
X1   394.0         17.   4993.9     5006.1      290.        290.        290.
X2                            2.   339.8       341.3
X3       10
GR      344       4050        344       4090         346        4130         346        4150         346        4200
GR      344       4240        344       4330         344       4640.         342        4700       339.8      4993.9
GR    335.8      4994.      335.8      5000.       335.8       5006.       339.8      5006.1       342.0       5100.
GR      348       5120        350       5140

NC                       .04

ET                 4.1                  4500
QT   1.       840.
        D/S FACE 3RD STREET - WOODEN DECK BRIDGE CROSSING
X1   402.0    20.0       4994.4     5005.6      350.        350.0       350.0
X3       10
BT   20.0     3927.0     348.4      348.4       3930.6      348.0       347.0       4092.5      346.5       346.2
BT   4691.8   344.0      344.0      4715.4      344.9       344.9       4739.1      344.9       344.9       4763.2
BT   344.3    343.9      4994.4     342.8       341.7       4994.5      342.8       341.6       4998.2      342.8
BT   341.6    5000.0     342.8      341.6       5001.4      342.8       341.6       5005.5      342.9       341.6
BT   5005.6   342.9      342.0      5078.4      344.5       344.4       5136.6      351.3       349.5       5302.1
BT   380.2    374.7      5388.1     395.9       390.2       5411.8      398.0       391.2       5414.7      398.3
BT   397.3
GR   348.4    3927.0     347.0      3930.6      346.2       4092.5      344.0       4691.8      344.9       4715.4
GR   344.9    4739.1     343.9      4763.2      341.7       4994.4      337.0       4994.5      337.0       4998.2
GR   337.0    5000.0     337.0      5001.4      337.0       5005.5      342.0       5005.6      344.4       5078.4
GR   349.5    5136.6     374.7      5302.1      390.2       5388.1      391.2       5411.8      397.3       5414.7

NC   .126     .05        .045
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3rd Street

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 ET                 9.1                                                                                    4500
1
    06MAY14      09:05:54                                                                                                PAGE   26


        U/S FACE 3RD STREET - WOODEN DECK BRIDGE CROSSING
 X1   410.0                                      13.5        13.5        13.5
 X3       10


 X1   411.     16.        4970.      5022.       145.        125.        130.
 X3       10
 GR   348.3    3900.      346.6      3905.       346.        4000.       346.5       4100.       346.        4400.
 GR   346.     4500.      344.       4650.       344.        4690.       342.        4970.       341.5       4980.
 GR   337.5    4982.      337.5      5018.       341.5       5020.       342.        5022.       346.        5120.
 GR   348.     5140.


 QT   1.       700.
 ET                 9.1                                                                                    4600        5072
        D/S FACE DEL MONTE @ 2ND STREET - SINGLE BOX CULVERT
 X1   412.0    28.0       4995.7     5004.9      215.        235.        230.0
 X3       10
 GR   348.9    3741.5     348.9      3750.4      347.6       3756.7      347.3       3892.9      347.8       3906.7
 GR   346.9    3925.2     347.9      3937.6      345.7       4373.4      345.0       4495.7      345.9       4524.2
 GR   345.8    4542.9     345.0      4564.4      343.9       4794.2      342.1       4995.7      337.6       4995.8
 GR   337.6    5000.0     337.6      5004.8      342.1       5004.9      344.7       5048.4      345.3       5215.4
 GR   346.8    5276.1     357.2      5315.0      357.9       5352.6      376.3       5368.1      381.8       5440.8
 GR   394.9    5464.0     395.7      5505.9      417.7       5549.1
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Del Monte Avenue

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        U/S FACE DEL MONTE @ 2ND STREET - SINGLE BOX CULVERT
 X1   420.0    20.0       4995.7     5004.9      1.          1.          1.
 X3       10                             4600
 BT   20.0     3450.      350.       350.        3750.       348.        348.        4050.       346.        346.
 BT   4600.0   344.5      344.5      4891.3      344.5       343.3       4913.0      344.5       343.8       4933.4
 BT   344.5    343.6      4986.7     344.6       343.4       4995.7      344.6       343.5       4995.8      344.6
 BT   343.5    5000.0     344.6      343.5       5004.8      344.7       343.5       5004.9      345.3       343.5
 BT   5016.3   345.3      343.8      5096.3      348.8       345.9       5113.4      354.6       354.6       5139.0
 BT   356.0    356.0      5154.6     361.3       361.3       5194.8      364.3       361.8       5225.7      383.0
 BT   383.0
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GR   350.     3450.      348.       3750.       346.        4050.       344.5       4600.0      343.3       4891.3
GR   343.8    4913.0     343.6      4933.4      343.4       4986.7      343.5       4995.7      339.0       4995.8
GR   339.0    5000.0     339.0      5004.8      343.5       5004.9      343.8       5016.3      345.9       5096.3
GR   354.6    5113.4     356.0      5139.0      361.3       5154.6      361.8       5194.8      383.0       5225.7


X1   420.2                                                 1           1         1.0
X3       10                              4600                    5071


ET                 4.1                   4705
QT   1.       650.
1
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        D/S FACE WARREN AVE. - SINGLE BOX CULVERT
X1   422.0    28.0       4994.4     5005.6      250.0       250.0       250.0
X3      10.
GR   345.3    4179.9     344.9      4325.8      344.2       4390.2      344.9       4409.9      343.6       4738.8
GR   343.7    4798.2     343.8      4981.6      344.3       4994.4      339.7       4994.5      339.7       5000.0
GR   339.7    5005.5     344.3      5005.6      351.3       5191.7      352.1       5220.7      356.0       5225.8
GR   357.9    5374.5     361.7      5377.7      363.3       5428.6      363.9       5436.3      364.7       5474.8
GR   369.1    5477.7     369.2      5576.6      365.9       5587.4      363.6       5618.2      360.0       5731.8
GR   357.9    5756.5     355.8      5992.3      356.7       6038.6

  Warren Avenue


X1   430.0    22.0       4994.4     5005.6            40.         40.         40.
X3       10                              4670
BT   22.      4746.5     344.7      344.7       4747.8      344.0       343.6       4988.7      344.7       344.5
BT   4994.4   344.7      344.3      4994.5      344.8       344.3       5000.0      344.8       344.3       5005.5
BT   344.9    344.3      5005.6     345.2       344.3       5012.1      345.2       344.7       5199.6      351.4
BT   349.9    5385.2     359.6      359.1       5392.8      360.2       360.0       5417.8      361.9       361.1
BT   5557.5   363.1      362.7      5616.7      361.4       359.7       5708.4      358.4       356.6       5721.3
BT   357.9    353.6      5737.0     357.3       353.5       5750.3      356.7       355.8       5904.4      355.7
BT   355.7    5996.6     356.9      356.4       6012.7      357.1       356.1
GR   344.7    4746.5     343.6      4747.8      344.5       4988.7      344.3       4994.4      339.8       4994.5
GR   339.8    5000.0     339.8      5005.5      344.3       5005.6      344.7       5012.1      349.9       5199.6
GR   359.1    5385.2     360.0      5392.8      361.1       5417.8      362.7       5557.5      359.7       5616.7
GR   356.6    5708.4     353.6      5721.3      353.5       5737.0      355.8       5750.3      355.7       5904.4
GR   356.4    5996.6     356.1      6012.7


ET                 9.1                                                                                   4680
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        U/S FACE WARREN AVE. - SINGLE BOX CULVERT
 X1   430.2                                          1.0         1.0         1.0
 X3       10


 QT   1.       500.
 X1   434.0    30.0       4986.9     5012.4      680.0       680.0       680.0
 X3       10                          4855.1
 GR   351.1    2949.6     350.5      2967.0      349.8       2970.1      346.9       3682.3      346.9       3696.4
 GR   344.7    4144.6     346.3      4185.3      344.3       4350.7      345.4       4408.6      346.0       4532.7
 GR   347.7    4536.9     346.1      4749.1      347.4       4855.1      346.7       4861.5      346.1       4977.4
 GR   345.2    4986.9     340.7      4994.8      340.7       5000.0      340.7       5004.5      346.4       5012.4
 GR   348.1    5122.0     353.8      5648.2      355.1       5671.2      356.4       5744.2      358.2       5837.5
 GR   359.9    5863.0     359.4      5884.0      358.6       5893.0      358.7       5936.0      360.6       5942.2

 NC   .143     .04        .025       .3          .5

        D/S FACE MAIN STREET - SINGLE BOX CULVERT
 X1   436.0    35.0       4995.4     5004.6      50.0        70.0        63.0
 X3       10                          4872.1
 GR   351.5    2972.4     350.6      2976.2      348.2       3147.9      347.2       3526.0      346.7       3696.0
 GR   346.8    3710.4     346.0      3737.2      347.1       3958.0      347.1       3995.0      345.9       3998.6
 GR   344.8    4197.9     345.6      4201.4      344.9       4352.4      344.3       4364.6      344.9       4385.3
 GR   344.8    4404.5     345.1      4417.1      347.4       4626.9      346.1       4633.8      347.1       4872.1
1
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 GR   346.6    4876.0     346.4      4959.3      345.7       4976.9      346.1       4995.4      341.1       4995.5
 GR   341.1    5000.0     341.1      5004.5      346.1       5004.6      346.0       5023.7      346.5       5055.2
 GR   350.4    5409.9     355.8      5763.3      357.6       5866.3      358.5       5915.9      360.5       6003.8

   Main Avenue


 X1   440.0    33.0       4995.4     5004.6           69.         69.         69.
 X3       10                          4771.3
 BT   33.      3016.8     351.4      351.2       3159.9      349.9       349.3       3311.6      348.9       348.5
 BT   3672.9   347.5      347.5      3882.5      346.4       345.6       3885.0      346.8       346.8       3932.4
 BT   347.1    347.1      3935.3     346.2       346.2       4012.5      346.9       346.9       4014.3      346.0
 BT   345.6    4165.1     345.6      345.2       4373.2      345.3       345.3       4390.9      345.4       344.9
 BT   4397.2   345.4      345.1      4543.2      347.0       347.0       4771.3      346.8       346.2       4990.5
 BT   346.8    346.0      4995.4     346.8       346.2       4995.5      346.8       346.2       5000.0      346.9
 BT   346.2    5004.5     346.9      346.2       5004.6      346.9       346.2       5008.3      346.9       344.6
 BT   5018.2   347.0      346.3      5110.3      347.7       347.3       5381.4      350.4       350.4       5640.6
 BT   354.2    353.5      5665.4     354.6       354.1       5687.0      354.9       354.1       5714.4      355.7
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BT   355.7    5801.0     356.9      356.8       5869.8      358.1       358.1       6082.6      362.8       361.8
GR   351.2    3016.8     349.3      3159.9      348.5       3311.6      347.5       3672.9      345.6       3882.5
GR   346.8    3885.0     347.1      3932.4      346.2       3935.3      346.9       4012.5      345.6       4014.3
GR   345.2    4165.1     345.3      4373.2      344.9       4390.9      345.1       4397.2      347.0       4543.2
GR   346.2    4771.3     346.0      4990.5      346.2       4995.4      341.2       4995.5      341.2       5000.0
GR   341.2    5004.5     346.2      5004.6      346.2       5008.3      346.3       5018.2      347.3       5110.3
GR   350.4    5381.4     353.5      5640.6      354.1       5665.4      354.1       5687.0      355.7       5714.4
GR   356.8    5801.0     358.1      5869.8      361.8       6082.6


        U/S FACE MAIN STREET - SINGLE BOX CULVERT
X1   440.2                                          1.0         1.0         1.0
X3       10                          4771.3                    5120

NC                       .03

ET                 9.1                                                                                  4700        5180
X1   442.0    31.0       4985.8     5006.7      65.0        65.0        65.0
X3       10
GR   351.0    2982.4     351.9      3105.8      348.6       3300.5      346.7       3628.1      347.5       3659.5
GR   347.5    3683.4     346.6      3717.5      346.7       3872.2      347.6       3877.3      346.9       4000.2
GR   346.1    4064.2     345.1      4145.5      345.4       4331.6      344.8       4342.1      345.3       4359.2
GR   345.2    4380.6     347.1      4477.0      347.6       4702.3      346.4       4985.8      341.3       4997.1
GR   341.3    5000.0     341.3      5003.8      345.7       5006.7      347.1       5025.9      347.3       5108.1
GR   349.3    5336.4     350.1      5338.4      353.1       5525.2      353.7       5633.1      354.5       5684.2
GR   361.0    5853.0

NC                                  .1          .3

X1   444.0    30.0       4985.6     5007.7      420.0       420.0       420.0
X3       10                              4665                    5160
GR   352.1    2994.0     350.1      2999.7      350.4       3045.8      348.8       3283.7      348.6       3317.1
GR   349.6    3320.8     348.6      3606.4      347.8       3666.4      347.4       3900.1      346.8       3905.9
GR   347.7    4256.0     345.8      4656.4      348.1       4754.2      347.9       4861.0      347.1       4919.4
GR   347.5    4985.6     341.8      4996.4      341.8       5000.0      341.8       5003.1      346.8       5007.7
GR   348.0    5025.5     346.0      5149.4      349.2       5344.0      352.0       5375.9      353.4       5617.7
1
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GR   354.9    5630.5     354.5      5681.8      357.5       5772.0      359.2       5811.1      362.1       5949.5


X1   446.0    27.0       4989.3     5010.1      430.0       430.0       430.0
X3                                      4775                  5150.0
GR   350.1    2982.2     353.1      3022.4      352.6       3045.9      348.6       3263.9      347.4       3624.5
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GR   348.3    3664.0     348.2      3696.8      347.7       3722.7      348.8       4046.2      349.0       4366.3
GR   348.6    4646.5     347.6      4989.3      342.2       4998.2      342.2       5000.0      342.2       5003.1
GR   348.5    5010.1     348.7      5047.9      347.9       5056.2      350.4       5398.0      352.5       5628.0
GR   351.5    5642.6     352.3      5662.5      351.8       5683.9      351.9       5692.7      354.4       5709.9
GR   355.0    5814.3     358.0      5919.9


X1   448.0    30.0       4984.1     5009.9      475.0       475.0       475.0
X3                                     4875                5055.4      350.0
GR   353.5    3069.6     350.4      3340.8      352.7       3347.3      352.4       3600.8      350.1       3629.7
GR   351.4    3667.8     350.5      3721.6      349.3       4184.8      349.5       4453.2      348.6       4770.4
GR   348.9    4868.5     349.4      4984.1      342.9       4998.6      342.9       5000.0      342.9       5002.4
GR   347.6    5006.7     349.1      5009.9      350.0       5055.4      348.7       5059.8      350.3       5099.0
GR   350.3    5298.3     352.4      5484.3      353.8       5491.9      354.5       5619.1      353.0       5646.0
GR   352.5    5682.7     354.6      5716.1      356.7       5822.2      358.6       5833.0      360.4       5986.1


X1   449.     30.        4985.0     5011.0      500.        500.        500.
X3       10                            4985                    5011
GR   354.4    3087.1     350.6      3604.3      351.7       3645.2      351.4       3672.6      350.5       3693.2
GR   350.4    3996.7     349.4      4014.6      349.4       4049.6      349.8       4321.8      349.1       4325.6
GR   349.4    4595.5     348.7      4599.5      349.4       4610.9      349.2       4685.8      348.9       4692.5
GR   349.8    4701.1     349.2      4762.8      352.3       4767.4      353.4       4951.3      348.8       4985.0
GR   343.3    4990.0     343.3      5000.0      343.3       5010.0      349.5       5011.0      350.2       5069.5
GR   351.1    5084.6     355.2      5671.2      355.7       5690.5      355.5       5706.9      359.5       5864.6

NC                       .03

QT   1.       400.
        D/S FACE, CORNER OF HALE AND WRIGHT - TWIN PIPES OPEN INTO A SINGLE BOX
X1   450.0    30.0       4996.9     5003.1      40.         1.0         20.0
X3       10                            4951.3                  5069.5
BT   7.       4951.3     353.4      353.4       4996.9      351.        351.0       4997.       351.        348.8
BT   5000.    351.5      348.8      5003.       351.5       348.8       5003.1      351.5       351.5       5069.5
BT   350.2    350.2
GR   354.4    3087.1     350.6      3604.3      351.7       3645.2      351.4       3672.6      350.5       3693.2
GR   350.4    3996.7     349.4      4014.6      349.4       4049.6      349.8       4321.8      349.1       4325.6
GR   349.4    4595.5     348.7      4599.5      349.4       4610.9      349.2       4685.8      348.9       4692.5
GR   349.8    4701.1     349.2      4762.8      352.3       4767.4      353.4       4951.3      351.0       4996.9
GR   343.3    4997.0     343.3      5000.0      343.3       5003.0      351.5       5003.1      350.2       5069.5
GR   351.1    5084.6     355.2      5671.2      355.7       5690.5      355.5       5706.9      359.5       5864.6

  Wright Ave
  Encroach at Hale
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```
ET                 9.1                                                                                    4975        5080
        U/S FACE, CORNER OF HALE AND WRIGHT - TWIN PIPES OPEN INTO A SINGLE BOX
X1   460.0    30.0       4997.4     5002.6      80.0        80.0        80.0
X3       10
BT   30.0     3071.5     354.3      354.3       3077.6      352.4       352.2       3572.2      350.5       350.5
BT   3604.7   351.4      351.4      3767.9      350.9       350.9       4018.5      350.0       350.0       4316.0
BT   349.4    349.4      4526.6     351.0       351.0       4681.9      350.7       350.7       4684.8      349.4
BT   349.4    4855.8     349.9      349.5       4944.7      350.6       350.1       4959.2      350.8       350.8
BT   4975.0   351.2      351.2      4995.5      351.1       349.8       4997.4      351.1       349.0       4997.5
BT   351.1    349.0      5000.0     351.1       349.0       5002.5      351.1       349.0       5002.6      351.1
BT   349.0    5004.5     351.1      349.6       5288.9      352.0       351.3       5306.3      352.1       351.9
BT   5345.1   352.3      352.0      5358.3      353.7       353.7       5557.8      357.4       357.4       5586.9
BT   358.3    358.3      5643.0     358.6       358.6       5671.8      361.7       361.7       5771.7      364.9
BT   364.9
GR   354.3    3071.5     352.2      3077.6      350.5       3572.2      351.4       3604.7      350.9       3767.9
GR   350.0    4018.5     349.4      4316.0      351.0       4526.6      350.7       4681.9      349.4       4684.8
GR   349.5    4855.8     350.1      4944.7      350.8       4959.2      351.2       4975.0      349.8       4995.5
GR   349.0    4997.4     346.5      4997.5      346.5       5000.0      346.5       5002.5      349.0       5002.6
GR   349.6    5004.5     351.3      5288.9      351.9       5306.3      352.0       5345.1      353.7       5358.3
GR   357.4    5557.8     358.3      5586.9      358.6       5643.0      361.7       5671.8      364.9       5771.7

NC   .05                .035

ET                 9.1                                                                                    4982        5080
X1   461.     24.        4975.      5004.5      10.         10.         10.
GR   354.3    3071.5     352.2      3077.6      350.5       3572.2      351.4       3604.7      350.9       3767.9
GR   350.0    4018.5     349.4      4316.0      351.0       4526.6      350.7       4681.9      349.4       4684.8
GR   349.5    4855.8     350.1      4944.7      350.8       4959.2      351.2       4975.0      349.8       4995.5
GR   346.5    4997.0     346.5      5000.0      346.5       5003.0      349.6       5004.5      349.2       5010.0
GR   349.1    5150.0     349.5      5320.0      352.7       5400.0      357.4       5557.8


X1   462.0        24.0   4988.6     5005.9      600.0       600.0       600.0
X3                                   4988.6
GR   354.6    3119.3     351.8      3130.9      352.0       3436.0      351.5       3632.5      352.2       3681.4
GR   351.4    4304.6     348.2      4310.4      351.7       4318.8      352.4       4348.9      352.5       4576.5
GR   353.4    4674.8     352.5      4878.6      352.3       4951.7      353.0       4970.7      352.7       4988.6
GR   349.2    4998.3     349.2      5000.0      349.2       5002.0      352.2       5005.9      352.5       5021.8
GR   352.5    5110.8     353.9      5233.8      356.7       5298.0      366.8       5428.3

NC                                  .3          .5
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        D/S FACE HILLWOOD LANE - SEMI-CIRCLE ARCH CULVERT
 X1   464.0        31.0   4988.9     5011.1      180.0       180.0       180.0
 X3   10.                              4988.9
 BT     -31.   3030.      355.2      355.2       3040.       352.6       352.6       3410.       352.7       352.7
 BT               3500.      352.5      352.5       3650.        352.        352.       4010.       349.8       349.8
 BT               4500.      349.6      349.6      4876.2       352.5       350.8      4879.9       353.1       353.1
 BT              4906.2      353.6      353.6      4944.1       353.7       353.2      4982.1       355.1       353.7
 BT              4988.9      355.1      354.7      4989.0       355.1        350.      4991.5       355.1       351.5
 BT              4993.0      355.1      352.0      4994.5       355.1       352.5      4996.0       355.1       353.0
 BT              5000.0      355.1      353.5      5004.0       355.1       353.0      5005.5       355.7       352.5
 BT              5007.0      355.7      352.0      5008.5       355.7       351.5      5011.0       355.7       350.0
1
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 BT              5011.1      355.8      355.8      5050.3       355.8       355.8      5135.9       355.0       354.7
 BT              5161.6      355.0      354.8      5251.4       358.5       358.2      5256.5       359.0       358.9
 BT              5262.2      360.9      360.5
 GR   355.2    3030.      352.6      3040.       352.7       3410.       352.5       3500.       352.        3650.
 GR   349.8    4010.      349.6      4500.       350.8       4876.2      353.1       4879.9      353.6       4906.2
 GR   353.2    4944.1     353.7      4982.1      354.7       4988.9      350.        4989.       350.        4991.5
 GR   350.     4993.      350.0      4994.5      350.0       4996.0      350.0       5000.0      350.0       5004.0
 GR   350.0    5005.5     350.       5007.       350.        5008.5      350.        5011.       355.8       5011.1
 GR   355.8    5050.3     354.7      5135.9      354.8       5161.6      358.2       5251.4      358.9       5256.5
 GR   360.5    5262.2

   Hillwood Lane


        U/S FACE HILLWOOD LANE - SEMI-CIRCLE ARCH CULVERT
 X1   470.0        31.0   4988.9     5011.1      32.0        32.0        32.0
 X3   10.                              4944.1                  5050.3
 BT    -31.0   3030.      355.2      355.2       3040.       352.6       352.6       3410.       352.7       352.7
 BT               3500.      352.5      352.5       3650.        352.        352.       4010.       349.8       349.8
 BT               4500.      349.6      349.6      4876.2       352.5       350.8      4879.9       353.1       353.1
 BT              4906.2      353.6      353.6      4944.1       353.7       353.2      4982.1       355.1       353.7
 BT              4988.9      355.1      354.7      4989.0       355.1        350.      4991.5       355.1       351.5
 BT              4993.0      355.1      352.0      4994.5       355.1       352.5      4996.0       355.1       353.0
 BT              5000.0      355.1      353.5      5004.0       355.1       353.0      5005.5       355.7       352.5
 BT              5007.0      355.7      352.0      5008.5       355.7       351.5      5011.0       355.7       350.0
 BT              5011.1      355.8      355.8      5050.3       355.8       355.8      5135.9       355.0       354.7
 BT              5161.6      355.0      354.8      5251.4       358.5       358.2      5256.5       359.0       358.9
 BT              5262.2      360.9      360.5
 GR   355.2    3030.      352.6      3040.       352.7       3410.       352.5       3500.       352.        3650.
 GR   349.8    4010.      349.6      4500.       350.8       4876.2      353.1       4879.9      353.6       4906.2
 GR   353.2    4944.1     353.7      4982.1      354.7       4988.9      350.        4989.       350.        4991.5
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 GR   350.     4993.      350.0      4994.5      350.0       4996.0      350.0       5000.0      350.0       5004.0
 GR   350.0    5005.5     350.       5007.       350.        5008.5      350.        5011.       355.8       5011.1
 GR   355.8    5050.3     354.7      5135.9      354.8       5161.6      358.2       5251.4      358.9       5256.5
 GR   360.5    5262.2


 X1   472.0        28.0   4988.7     5025.2      230.0       210.0       225.0
 X3                                  4889.6                    5043.4
 GR   353.8    2992.8     353.8      3000.7      352.2       3005.5      351.3       3348.6      352.0       3399.0
 GR   350.8    4117.7     348.0      4147.4      349.8       4150.4      351.1       4467.5      351.9       4643.4
 GR   353.5    4724.0     353.3      4829.2      352.6       4834.4      353.9       4889.6      350.6       4898.1
 GR   350.6    4902.0     353.0      4910.4      353.1       4988.7      351.1       4996.8      350.3       5000.0
 GR   351.1    5004.4     354.7      5015.8      356.3       5025.2      356.4       5043.4      356.2       5121.7
 GR   355.0    5141.0     355.0      5163.2      359.1         5242.8

 NC                                  .1          .3

   End Encroachment

 QT        1        100
1
    06MAY14      09:05:54                                                                                          PAGE    32


 X1   474.0        22.0   4991.7     5004.6      510.0       510.0       510.0
 X3   10.                              4991.7
 GR   353.8    2667.8     353.5      2676.2      351.3       2687.3      351.4       2997.3      352.6       3028.4
 GR   350.1    3795.2     348.4      3801.1      352.0       4262.6      353.0       4438.1      354.3       4441.4
 GR   351.6    4483.1     351.5      4486.4      353.2       4490.0      355.5       4801.8      355.9       4888.2
 GR   356.7    4982.6     357.4      4986.9      357.5       4991.7      354.6       4998.7      354.6       5000.0
 GR   354.6    5001.9     356.8      5004.6


 X1   476.0        37.0   4989.0     5005.6      650.0       650.0       650.0
 X3   10.                                 4989
 GR   351.4    2219.6     354.7      2233.3      355.1       2300.0      351.9       2400.0      351.1       2415.7
 GR   353.6    2433.5     352.9      2456.6      347.5       2465.7      349.3       2519.9      352.1       2540.3
 GR   351.1    2574.2     352.2      2585.3      352.6       2624.0      352.5       2727.5      351.6       2741.4
 GR   352.3    2981.9     351.9      3149.5      353.4       3229.0      353.7       3289.1      352.0       3300.6
 GR   352.4    3341.7     353.2      3354.4      353.3       3669.0      355.5       3955.2      356.1       3999.2
 GR   353.4    4008.2     354.3      4012.3      355.3       4041.9      357.2       4311.9      355.5       4319.6
 GR   360.6    4902.8     362.4      4989.0      358.0       4999.0      358.0       5000.0      358.0       5001.7
 GR   361.6    5005.6     362.9      5037.8

 NC   .045     .045       .04        .3          .5
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```
        D/S FACE CHRISTEPH RD. - TWIN PIPE CULVERT
 X1   478.0        37.0   4996.1     5004.0      225.0       180.0       200.0
 X3   10.                              4996.1
 GR   354.2    2037.9     352.0      2046.4      351.1       2072.1      353.9       2083.5      337.6       2124.9
 GR   340.2    2190.7     351.0      2204.6      353.2       2334.8      351.3       2476.7      352.2       2653.0
 GR   350.9    2663.5     352.7      2979.0      352.3       3120.1      354.0       3532.4      355.3       3647.0
 GR   355.8    3681.5     357.0      3691.8      357.0       3701.7      354.9       3710.5      354.9       3718.4
 GR   356.5    3730.5     357.4      3771.9      355.5       3822.6      357.5       4120.5      355.8       4134.3
 GR   358.5    4452.4     362.0      4786.3      366.5       4797.5      366.0       4827.3      361.8       4849.1
 GR   363.0    4951.2     363.6      4996.1      358.3       4996.2      358.3       5000.0      358.3       5003.9
 GR   362.5    5004.0     363.8      5065.5

   Christeph Road


 SC   2.013    0.5        2.6        0.          3.0         0.          22.         1.3         358.5       358.3
        U/S FACE CHRISTEPH RD. - TWIN PIPE CULVERT
 X1   480.0        16.0   4996.1     5004.0      22.0        22.0        22.0
 X2                       2.
 X3                                  4741.8      367.1       5009.8      364.1
 BT     16.0   4650.5     364.5      363.5       4664.0      364.4       361.0       4729.2      364.3       361.3
 BT   4741.8   367.1      367.1      4871.7      365.5       365.5       4893.5      363.9       363.6       4955.9
 BT   363.5    363.5      4992.1     363.5       363.0       4996.1      363.5       361.5       4996.2      363.5
 BT   361.5    5000.0     363.5      361.5       5003.9      363.5       361.5       5004.0      364.0       361.5
 BT   5009.8   364.1      364.1      5066.8      364.4       363.9       5132.7      366.1       366.1
 GR   363.5    4650.5     361.0      4664.0      361.3       4729.2      367.1       4741.8      365.5       4871.7
 GR   363.6    4893.5     363.5      4955.9      363.0       4992.1      361.5       4996.1      358.5       4996.2
 GR   358.5    5000.0     358.5      5003.9      361.5       5004.0      364.1       5009.8      363.9       5066.8
 GR   366.1    5132.7

   Transition Structure

1
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        TRANSITION STRUCTURE, IMPROVEMENT CHANNEL TO EXISTING CHANNEL
 X1   480.3    10.        4970.      5033.       300.        300.        300.
 X3   10.
 BT   10.      4970.      366.5      366.5       4976.       366.5       366.5       4996.9      366.5       362.
 BT   4997.    366.5      362.       5000.       366.5       362.        5000.1      366.5       362.        5013.
 BT   366.5    366.5      5026.      366.5       366.5       5033.       366.5       366.5       5045.       366.5
 BT    366.5
 GR   366.5    4970.      366.5      4976.       362.        4996.9      359.00      4997.       359.00      5000.
 GR   362.0    5000.1     366.5      5013.       366.5       5026.       366.5       5033.       366.5       5045.
```

```
X1   480.7    10.        4970.      5033.       30.         30.         30.
X3   10.
BT   10.      4970.      366.5      366.5       4976.       366.5       366.5       4996.9      366.5       362.
BT   4997.    366.5      362.       5000.       366.5       362.        5000.1      366.5       362.        5013.
BT   366.5    366.5      5026.      366.5       366.5       5033.       366.5       366.5       5045.       366.5
BT    366.5
GR   366.5    4970.      366.5      4976.       362.        4996.9      359.00      4997.       359.00      5000.
GR   362.0    5000.1     366.5      5013.       366.5       5026.       366.5       5033.       366.5       5045.

NC                                 .1          .3

X1   481.     10.        4970.      5033.       10.         10.         10.
X3       10                             4915
GR   366.5    4970.      363.5      4976.       362.        4987.       357.99      4995.       357.99      5000.
GR   357.99   5005.      362.       5013.       363.5       5026.       366.5       5033.       366.5       5045.


ET            4.1                       4940.      5035.6
X1   482.0        28.0   4972.0     5030.0      200.0       200.0       200.0
X3   10.
GR    356.5     3231.6      356.5     3319.6       354.3      3324.8       356.3      3328.7       360.1      4166.1
GR    364.7     4430.6      367.4     4437.0       366.8      4515.8       364.4      4535.7       363.9      4546.8
GR    364.0     4586.1      364.5     4595.7       367.3      4618.9       367.1      4723.4       364.7      4726.0
GR    366.8     4912.6      363.7      4966.       366.7       4972.       363.7       4978.       362.7      4987.0
GR    358.7     4995.0      358.7     5000.0       358.7      5005.0       362.7      5013.0       363.7       5024.
GR    366.7      5030.      367.8     5042.7       371.9      5051.8

NC                            .013         .2          .4

        D/S FACE LLAGAS RD. - DOUBLE BOX CULVERT - (one box open at this time)
X1   484.0        17.0   4989.9       5010.6    100.        100.        100.
X3   10.                              4989.0                  5010.6
GR    354.8     3181.1      355.8     3191.6       355.8      3299.9       354.8      3306.4       355.8      3312.8
GR    357.7     3602.2      360.2     4181.0       363.0      4392.4       363.9      4525.6       364.0      4594.0
GR    366.0     4595.5      367.5     4989.0       364.2      4989.9       359.2      4990.0       359.2      5010.5
GR    371.6     5010.6      372.7     5065.1
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Llagas Road

1

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QT        1        300
SC    1.013         .2          3         30         2.7         2.7         130         9.1       361.4       359.2
        U/S FACE LLAGAS RD. - AT THIS TIME THIS BRIDGE ACTS AS AN OBSTRUCTION
X1   490.          10.     4989.9     5010.6        100.        100.        100.
X2                             2      364.1       369.9
X3       10                          4989.8                  5010.7
GR    367.1     4723.9      369.4     4989.8       363.7      4989.9       359.7      4990.0       359.7      5010.5
GR    363.7     5010.6      371.1     5010.7       372.7      5065.1       372.7      5218.7       375.1      5363.3


QT        1        400
X1   491.     33.        4986.9     5031.       10.         10.         10.
X3   10.                            4986.9                  5031.
GR   353.9    1636.7     352.2      1644.7      351.1       1665.6      349.7       1812.5      349.4       1882.1
GR   352.4    2336.3     353.2      2634.2      352.3       2735.0      353.4       2899.9      354.8       3181.1
GR   355.8    3191.6     355.8      3299.9      354.8       3306.4      355.8       3312.8      357.7       3602.2
GR   360.2    4181.0     363.0      4392.4      363.9       4525.6      364.0       4594.0      367.4       4595.5
GR   367.1    4723.9     369.4      4986.9      366.3       4987.0      362.3       4995.0      362.3       5000.0
GR   362.3    5005.0     363.3      5007.0      363.3       5019.0      369.5       5031.       371.6       5065.1
GR   372.7    5218.7     375.1      5363.3      379.4       5570.7

NC                                 .1          .3

X1   492.0    13.0       4969.0     5031.0      130.0       90.0        100.0
X3   10.                               4969                    5031
GR   371.7    4280.6     369.6      4534.8      369.0       4539.8      369.9       4963.0      366.3       4969.0
GR   366.3    4987.0     362.3      4995.0      362.3       5000.0      362.3       5005.0      363.3       5007.
GR   363.3    5019.      369.6      5031.0      369.3       5096.8


X1   494.0    16.0       4963.0     5031.0      455.0       455.0       455.0
X3   10.
GR   375.3    4379.1     373.5      4891.6      370.8       4963.       367.8       4969.2      367.8       4987.0
GR   363.8    4995.0     363.8      5000.0      363.8       5005.0      364.8       5007.0      364.8       5019.0
GR   371.1    5031.      377.9      5240.7      379.7       5308.2      378.4       5312.8      380.3       5318.7
GR   380.5    5328.6


X1   496.0    14.        4920.      5080.       700.        700.        720.
GR   390.     4580.      380.       4660.       378.8       4755.       378.5       4920.       378.        4970.
GR   376.     4990.      375.4      5000.       376.        5020.       378.        5030.       379.        5080.
GR   380.     5180.      382.       5230.       384.        5380.       390.        5550.


X1   498.     15.        4930.      5070.       450.        450.        500.
GR   400.     4640.      390.       4680.       388.        4700.       386.        4730.       384.        4737.
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 GR   382.8    4740.      384.       4750.       384.8       4830.       384.8       4930.       384.        4975.
 GR   382.     5000.      384.       5070.       386.        5088.       390.        5235.       400.        5520.
1
    06MAY14      09:05:54                                                                                          PAGE   35


     SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
     Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
     TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
     SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 *PROF 1
0

 CCHV=     .300 CEHV=     .500
 *SECNO 198.000
 3280 CROSS SECTION    198.00 EXTENDED      5.56 FEET


 3470 ENCROACHMENT STATIONS=     4982.9    5017.1  TYPE=      1  TARGET=       34.200

 3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       301.90 ELREA=    100000.00

        MODEL IS SET UP TO READ LEFT TO RIGHT WHILE LOOKING DOWNSTREAM
        CROSS SECTIONS ARE BASED UPON TOPOGRAPHIC INFORMATION RECEIVED FROM
          DIGITIZED CROSS SECTIONS AND 200 SCALE MORGAN HILL BASE MAPS
        STARTING WATER SURFACE ELEVATION FROM EAST LITTLE LLAGAS RUN
        D/S FACE OF HWY 101 - DOUBLE BOX CULVERT
        CONFLUENCE WITH MADRONE CHANNEL
    198.000      8.86    304.96       .00    304.96    305.16       .20       .00       .00    301.90
     1079.9        .0    1079.9        .0        .0     302.4        .0        .0        .0 100000.00
        .00       .00      3.57       .00      .000      .030      .000      .000    296.10   4982.90
    .000493        0.        0.        0.         0         0         0       .00     34.20   5017.10



 SPECIAL CULVERT

 SC  CUNO      CUNV      ENTLC     COFQ      RDLEN     RISE      SPAN      CULVLN    CHRT      SCL       ELCHU     ELCHD
      2          .013      .20      2.60       .00      5.50     17.00    300.00     12         3       296.90    296.10

 CHART 12 - BOX CULVERT; NON-OFFSET FLARED WINGWALLS; 3/4-INCH CHAMFER AT TOP OF INLET
 SCALE  3 - WINGWALLS FLARED 18.4 DEGREES (3:1); INLET SKEWED 30 DEGREES

 *SECNO 200.000
```

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SPECIAL CULVERT OUTLET CONTROL + WEIR FLOW EG =    305.18
SPECIAL CULVERT

     EGIC      EGOC        H4     QWEIR     QCULV       VCH     ACULV     ELTRD    WEIRLN
    301.87    305.87       .03      542.      537.     3.933     187.0    304.10      451.



3470 ENCROACHMENT STATIONS=     4982.9    5017.1  TYPE=      1  TARGET=       34.200

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       302.70 ELREA=    100000.00

        U/S FACE OF HWY 101 - DOUBLE BOX CULVERT
   200.000      8.04    304.94       .00       .00    305.18       .24       .03       .00    302.70
    1079.9        .0    1079.9        .0        .0     274.5        .0       2.0        .2 100000.00
       .02       .00      3.93       .00      .000      .030      .000      .000    296.90   4982.90
   .000652      300.      300.      300.         2         0         0       .00     34.20   5017.10


1
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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*SECNO 202.000

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  2.04


3470 ENCROACHMENT STATIONS=     4900.0    5060.0  TYPE=      1  TARGET=      160.000
   202.000      7.92    305.22       .00    305.21    305.26       .04       .02       .06    302.00
    1079.9     143.6     888.1      48.2     161.8     497.5      57.1       2.7        .4    302.30
       .03       .89      1.79       .84      .040      .035      .040      .000    297.30   4900.00
   .000157       63.       64.       64.         2         0         0       .00    160.00   5060.00


CCHV=     .100 CEHV=     .300
*SECNO 204.000
3280 CROSS SECTION    204.00 EXTENDED      1.28 FEET
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3470 ENCROACHMENT STATIONS=     4675.0    5285.0  TYPE=      1  TARGET=      610.000
   204.000      6.48    305.28       .00    305.27    305.29       .01       .03       .00    302.30
    1079.9     465.6     229.6     384.7     701.2     168.4     587.0       8.4       2.4    302.20
       .11       .66      1.36       .66      .040      .035      .040      .000    298.80   4675.00
   .000107      218.      224.      253.         2         0         0       .00    610.00   5285.00


*SECNO 206.000
3280 CROSS SECTION    206.00 EXTENDED       .35 FEET


3470 ENCROACHMENT STATIONS=     4380.0    5370.0  TYPE=      1  TARGET=      990.000
   206.000      5.85    305.35       .00    305.34    305.38       .02       .08       .00    304.10
    1690.7     774.7     239.7     676.3     834.7     131.3     605.8      21.2       9.1    303.50
       .20       .93      1.83      1.12      .040      .035      .040      .000    299.50   4380.00
   .000390      365.      365.      366.         2         0         0       .00    990.00   5370.00


*SECNO 208.000
3280 CROSS SECTION    208.00 EXTENDED       .42 FEET


3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .28

1
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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


3370 NORMAL BRIDGE, NRD=   9 MIN ELTRD=   304.00 MAX ELLC=   304.30


3470 ENCROACHMENT STATIONS=     4460.0    5285.0  TYPE=      1  TARGET=      825.000
   208.000      4.72    305.62       .00    305.61    305.71       .09       .32       .02    304.30
    1690.7     909.2      88.6     693.0     382.1      38.0     272.3      29.9      16.2    304.00
       .24      2.38      2.33      2.55      .040      .035      .040      .000    300.90   4460.00
   .004803      350.      333.      320.         3         0         0    -43.94    825.00   5285.00
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*SECNO 210.000
3280 CROSS SECTION    210.00 EXTENDED       .48 FEET


3370 NORMAL BRIDGE, NRD=   9 MIN ELTRD=   304.00 MAX ELLC=   304.30


3470 ENCROACHMENT STATIONS=     4460.0    5285.0  TYPE=      1  TARGET=      825.000
        PRIVATE CREEK CROSSING, RESTRICTS FLOW IN CHANNEL
   210.000      4.78    305.68       .00    305.66    305.76       .08       .04       .00    304.30
    1695.6     920.2      83.9     691.6     412.0      39.0     287.9      30.1      16.4    304.00
       .24      2.23      2.15      2.40      .040      .035      .040      .000    300.90   4460.00
   .003976       10.       10.       10.         2         0         0    -43.94    825.00   5285.00


*SECNO 212.000

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.70


3470 ENCROACHMENT STATIONS=     4310.0    5245.0  TYPE=      1  TARGET=      935.000
   212.000      5.18    306.08       .00    306.07    306.14       .06       .38       .00    304.90
    1695.6     826.0     288.0     581.6     612.7      80.5     335.1      33.6      19.9    304.60
       .27      1.35      3.58      1.74      .040      .035      .040      .000    300.90   4310.00
   .001369      155.      165.      209.         3         0         0       .00    935.00   5245.00


CCHV=     .300 CEHV=     .500
*SECNO 214.000
3280 CROSS SECTION    214.00 EXTENDED      1.58 FEET

1
   06MAY14      09:05:54                                                                                                PAGE   38


    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST



3470 ENCROACHMENT STATIONS=     4325.0    5230.0  TYPE=      1  TARGET=      905.000
        D/S FACE OF LLAGAS AVE. SINGLE BOX CULVERT
   214.000      4.98    306.18       .00    306.17    306.25       .07       .10       .00    305.50
    1695.6    1326.0     188.0     181.7     723.6      45.4     152.9      34.9      21.0    305.50
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       .27      1.83      4.14      1.19      .050      .035      .050      .000    301.20   4325.00
   .002694       51.       63.       66.         2         0         0       .00    905.00   5230.00


 *SECNO 220.000
 BTCARD, BRIDGE STENCL=    4350.00   STENCR=    5215.00
 3280 CROSS SECTION    220.00 EXTENDED      1.56 FEET


 3370 NORMAL BRIDGE, NRD=  21 MIN ELTRD=   305.60 MAX ELLC=   305.60

 3685 20 TRIALS ATTEMPTED WSEL,CWSEL
 3693 PROBABLE MINIMUM SPECIFIC ENERGY
 3720 CRITICAL DEPTH ASSUMED

 3470 ENCROACHMENT STATIONS=     4350.0    5215.0  TYPE=      1  TARGET=      865.000
    220.000      5.66    306.76    306.76    306.76    306.99       .23       .14       .08    305.60
     1701.7     878.2     270.3     553.2     284.4      42.6     168.1      35.3      21.5    305.60
       .28      3.09      6.34      3.29      .050      .035      .050      .000    301.10   4350.00
   .018042       25.       25.       25.        20        16         0   -889.02    865.00   5215.00


 *SECNO 220.200
 3280 CROSS SECTION    220.20 EXTENDED      1.57 FEET


 3370 NORMAL BRIDGE, NRD=  21 MIN ELTRD=   305.60 MAX ELLC=   305.60


 3470 ENCROACHMENT STATIONS=     4350.0    5210.0  TYPE=      1  TARGET=      860.000
         U/S FACE OF LLAGAS AVE. SINGLE BOX CULVERT
    220.200      5.68    306.78       .00    306.77    307.02       .24       .02       .00    305.60
     1701.7     898.6     272.8     530.3     288.4      42.7     158.4      35.3      21.5    305.60
       .28      3.12      6.39      3.35      .050      .035      .050      .000    301.10   4350.00
   .018297        1.        1.        1.         1         0         0   -887.94    860.00   5210.00


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   06MAY14      09:05:54                                                                                PAGE   39


    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST
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*SECNO 222.000
3280 CROSS SECTION    222.00 EXTENDED       .04 FEET


3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  5.15


3470 ENCROACHMENT STATIONS=     4300.0    5260.0  TYPE=      1  TARGET=      960.000
   222.000      5.54    307.14       .00    307.13    307.18       .04       .11       .06    303.80
    1737.0     923.5     327.8     485.6     894.2     107.4     414.0      36.4      22.6    305.00
       .29      1.03      3.05      1.17      .050      .035      .050      .000    301.60   4300.00
   .000720       48.       54.       63.         2         0         0       .00    960.00   5260.00


*SECNO 230.000
3280 CROSS SECTION    230.00 EXTENDED      1.15 FEET


3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .33


3370 NORMAL BRIDGE, NRD=   0 MIN ELTRD=   307.00 MAX ELLC=   306.10


3470 ENCROACHMENT STATIONS=     4385.0    5535.0  TYPE=      1  TARGET=     1150.000
        PRIVATE CROSSING TO HORSE BARN
   230.000      5.65    307.75       .00    307.74    307.81       .06       .62       .01    307.00
    1737.0     624.0     209.7     903.4     374.4      58.3     556.6      47.1      31.9    307.00
       .34      1.67      3.59      1.62      .050      .035      .050      .000    302.10   4385.00
   .006422      369.      372.      408.         2         0         0   -493.69   1150.00   5535.00


*SECNO 240.000

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  3.33


3370 NORMAL BRIDGE, NRD=   0 MIN ELTRD=   305.50 MAX ELLC=   304.00


3470 ENCROACHMENT STATIONS=     4420.0    5500.0  TYPE=      1  TARGET=     1080.000
        PRIVATE CROSSING THAT HAS COLLAPSED - RESTRICTS FLOW IN CHANNEL
   240.000      5.50    308.00       .00    307.98    308.01       .02       .19       .01    304.90
    1737.0     729.0      70.8     937.2     736.1      59.4     853.3      51.3      35.4    305.60
       .38       .99      1.19      1.10      .050      .035      .050      .000    302.50   4420.00
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   .000577      125.      139.      150.         2         0         0    -42.58   1080.00   5500.00


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   06MAY14      09:05:54                                                                                                PAGE   40


    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 CCHV=     .100 CEHV=     .300
 *SECNO 242.000

 3470 ENCROACHMENT STATIONS=     4510.0    5410.0  TYPE=      1  TARGET=      900.000
    242.000      5.07    308.17       .00    308.15    308.20       .03       .18       .00    305.80
     1737.0     618.2     293.7     825.1     657.9     122.8     736.7      64.0      43.5    304.80
        .46       .94      2.39      1.12      .045      .035      .045      .000    303.10   4510.00
    .000459      385.      350.      320.         2         0         0       .00    900.00   5410.00


 *SECNO 244.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .58


 3470 ENCROACHMENT STATIONS=     4585.0    5335.0  TYPE=      1  TARGET=      750.000
    244.000      4.75    308.35       .00    308.34    308.44       .09       .23       .02    306.10
     1737.0     563.8     495.0     678.3     375.6     129.6     429.7      72.8      49.2    305.30
        .49      1.50      3.82      1.58      .045      .035      .045      .000    303.60   4647.48
    .001359      345.      305.      286.         2         0         0       .00    687.51   5335.00


 *SECNO 246.000
 3280 CROSS SECTION    246.00 EXTENDED      1.27 FEET

 7185 MINIMUM SPECIFIC ENERGY
 3720 CRITICAL DEPTH ASSUMED

 3470 ENCROACHMENT STATIONS=     4680.0    5240.0  TYPE=      1  TARGET=      560.000
    246.000      4.77    309.27    309.27    309.26    309.73       .46      1.13       .11    308.70
     1737.0     607.2     848.8     281.1     304.7     112.4     169.9      79.4      54.7    309.20
        .52      1.99      7.55      1.65      .080      .040      .080      .000    304.50   4680.00
    .010984      381.      379.      378.         2         5         0       .00    560.00   5240.00
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CCHV=     .300 CEHV=     .500
*SECNO 248.000
3280 CROSS SECTION    248.00 EXTENDED      3.09 FEET


3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.45

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST



3370 NORMAL BRIDGE, NRD=  22 MIN ELTRD=   307.10 MAX ELLC=   306.70


3470 ENCROACHMENT STATIONS=     4695.0    5225.0  TYPE=      1  TARGET=      530.000
        D/S FACE OF SEYMOUR AVE. - 5 PIPE CULVERT, RESTRICTS FLOW IN CHANNEL
   248.000      5.29    310.19       .00    310.17    310.25       .07       .40       .12    306.70
    1737.0    1124.7     140.7     471.7     549.2      47.0     284.4      80.4      55.4    306.15
       .52      2.05      2.99      1.66      .080      .040      .080      .000    304.90   4695.00
   .005198       55.       55.       55.         3         0         0   -253.71    530.00   5225.00


*SECNO 250.000
3280 CROSS SECTION    250.00 EXTENDED      3.14 FEET


3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.77


3370 NORMAL BRIDGE, NRD=  22 MIN ELTRD=   307.10 MAX ELLC=   306.70


3470 ENCROACHMENT STATIONS=     4700.0    5200.0  TYPE=      1  TARGET=      500.000
        U/S FACE OF SEYMOUR AVE. - 5 PIPE CULVERT, RESTRICTS FLOW IN CHANNEL
   250.000      5.34    310.24       .00    310.23    310.31       .06       .05       .00    306.70
    1737.0    1176.6      92.9     467.4     560.3      47.7     269.5      80.8      55.6    306.15
       .53      2.10      1.95      1.73      .045      .035      .045      .000    304.90   4700.00
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   .001655       20.       20.       20.         2         0         0   -245.21    500.00   5200.00


 *SECNO 252.000
 3280 CROSS SECTION    252.00 EXTENDED       .23 FEET


 3470 ENCROACHMENT STATIONS=     4715.0    5180.0  TYPE=      1  TARGET=      465.000
   252.000      4.53    310.33       .00    310.31    310.40       .07       .09       .00    307.70
    1769.9    1044.2     271.8     453.9     571.8      79.0     271.8      82.1      56.3    307.70
       .54      1.83      3.44      1.67      .045      .035      .045      .000    305.80   4715.00
   .001149       66.       65.       65.         2         0         0       .00    465.00   5180.00


 CCHV=     .100 CEHV=     .300
1
   06MAY14      09:05:54                                                                                                PAGE   42


    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 *SECNO 254.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .33


 3470 ENCROACHMENT STATIONS=     4830.0    5155.0  TYPE=      1  TARGET=      325.000
   254.000      4.11    311.21       .00    311.19    311.75       .55      1.21       .14    309.70
    1769.9    1053.5     523.0     193.4     233.9      60.9      58.1      88.9      60.3    309.30
       .56      4.50      8.59      3.33      .045      .035      .045      .000    307.10   4830.00
   .010868      463.      463.      466.         3         0         0       .00    278.99   5108.99


 *SECNO 256.000
 3280 CROSS SECTION    256.00 EXTENDED      1.95 FEET


 3470 ENCROACHMENT STATIONS=     4975.0    5010.0  TYPE=      1  TARGET=       35.000
   256.000      6.85    314.55       .00    314.50    314.71       .16      2.92       .04    312.70
     459.9      81.5     378.4        .0      45.7     108.7        .0      92.3      62.4 100000.00
       .61      1.78      3.48       .00      .045      .035      .000      .000    307.70   4975.00
   .000988      590.      587.      566.         3         0         0       .00     35.00   5010.00
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CCHV=     .300 CEHV=     .500
*SECNO 258.000

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .68


3470 ENCROACHMENT STATIONS=     4993.4    5006.6  TYPE=      1  TARGET=       13.200
        D/S FACE SOUTHERN PACIFIC RR - SINGLE BOX CULVERT
   258.000      6.83    314.53       .00    314.49    314.94       .41       .10       .12    316.00
     459.9        .0     459.9        .0        .0      89.5        .0      92.5      62.4 100000.00
       .62       .00      5.14       .00      .000      .030      .000      .000    307.70   4993.42
   .002144       85.       74.       60.         1         0         0       .00     13.16   5006.58



SPECIAL CULVERT

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


SC  CUNO      CUNV      ENTLC     COFQ      RDLEN     RISE      SPAN      CULVLN    CHRT      SCL       ELCHU     ELCHD
     1          .013      .50      2.60       .00      5.40     13.00     16.00      8         3       308.30    306.90

CHART  8 - BOX CULVERT WITH FLARED WINGWALLS; NO INLET TOP EDGE BEVEL
SCALE  3 - WINGWALLS FLARED 0 DEGREES (SIDES EXTENDED STRAIGHT)

*SECNO 260.000
BTCARD, BRIDGE STENCL=    4990.00   STENCR=    5006.60

SPECIAL CULVERT OUTLET CONTROL
EGIC =    313.860  EGOC =    315.552  PCWSE=    314.531  ELTRD=    316.300

3280 CROSS SECTION    260.00 EXTENDED       .42 FEET

SPECIAL CULVERT

     EGIC      EGOC        H4     QWEIR     QCULV       VCH     ACULV     ELTRD    WEIRLN
```

```
    313.86    315.55       .61        0.      460.     4.671      70.2    316.30        0.



 3470 ENCROACHMENT STATIONS=     4990.0    5006.6  TYPE=      1  TARGET=       16.600
        U/S FACE SOUTHERN PACIFIC RR - SINGLE BOX CULVERT
   260.000      7.32    315.22       .00    315.08    315.55       .33       .61       .00    313.30
     459.9      11.0     448.9        .0       6.5      96.1        .0      92.6      62.4 100000.00
       .62      1.69      4.67       .00      .040      .030      .000      .000    307.90   4990.00
   .001534       16.       16.       16.         2         0         0       .00     16.60   5006.60


 *SECNO 262.000
 3280 CROSS SECTION    262.00 EXTENDED      6.85 FEET


 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  6.11


 3470 ENCROACHMENT STATIONS=     4930.0    5065.0  TYPE=      1  TARGET=      135.000
   262.000      7.55    315.65       .00    315.48    315.66       .01       .01       .10    310.00
     499.9     179.6     152.0     168.3     281.0     181.4     260.7      93.1      62.5    310.00
       .64       .64       .84       .65      .045      .045      .045      .000    308.10   4930.00
   .000048       60.       60.       60.         2         0         0       .00    135.00   5065.00


 CCHV=     .100 CEHV=     .300
 *SECNO 264.000
 3280 CROSS SECTION    264.00 EXTENDED       .57 FEET

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   06MAY14      09:05:54                                                                                                PAGE   44


    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST



 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  4.14


 3470 ENCROACHMENT STATIONS=     4510.0    5485.0  TYPE=      1  TARGET=      975.000
   264.000      7.07    315.67       .00    315.50    315.67       .00       .02       .00    310.00
```

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    1867.1    1057.0      80.3     729.8    1989.2     113.4    1566.9     113.6      67.7    310.90
       .86       .53       .71       .47      .045      .045      .045      .000    308.60   4510.00
   .000039      440.      423.      360.         2         0         0       .00    975.00   5485.00


 *SECNO 266.000
   266.000      6.28    315.68       .00    315.52    315.69       .00       .01       .00    311.80
    1867.1    1414.7      66.9     385.5    2779.9     121.0     954.5     141.8      74.9    312.50
      1.04       .51       .55       .40      .045      .045      .045      .000    309.40   4374.93
   .000032      295.      338.      384.         2         0         0       .00    933.57   5308.50


 *SECNO 268.000

 3265 DIVIDED FLOW


 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .51


 3470 ENCROACHMENT STATIONS=     4455.0    6300.0  TYPE=      1  TARGET=    -4455.000
   268.000      6.00    315.70       .00    315.53    315.71       .01       .02       .00    312.90
    1867.1    1544.7     135.6     186.7    1830.2     118.7     337.5     169.9      82.8    313.10
      1.18       .84      1.14       .55      .045      .040      .045      .000    309.70   4455.00
   .000120      380.      441.      460.         2         0         0       .00    755.73   5216.06


 *SECNO 270.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .38


 3470 ENCROACHMENT STATIONS=     4615.0    6000.0  TYPE=      1  TARGET=    -4615.000
   270.000      5.83    315.83       .00    315.68    315.88       .05       .16       .01    313.10
    1867.1    1251.0     335.5     280.5     800.7     117.1     209.9     194.5      92.2    313.50
      1.27      1.56      2.87      1.34      .045      .040      .045      .000    310.00   4615.00
   .000811      621.      637.      644.         2         0         0       .00    554.73   5169.73


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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
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    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*SECNO 272.000

3265 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=     4730.0    5325.0  TYPE=      1  TARGET=      595.000
   272.000      5.93    316.13       .00    316.03    316.15       .02       .27       .00    313.00
     813.1     383.1     189.9     240.2     456.2     113.8     321.6     205.4      97.9    314.30
      1.40       .84      1.67       .75      .045      .040      .045      .000    310.20   4730.00
   .000298      491.      467.      431.         2         0         0       .00    498.47   5325.00


*SECNO 274.000

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .60


3470 ENCROACHMENT STATIONS=     4850.0    5363.6  TYPE=      1  TARGET=    -4850.000
   274.000      5.64    316.34       .00    316.24    316.38       .05       .23       .01    314.70
     813.1     330.8     252.3     230.1     243.2      99.9     217.8     213.5     102.7    314.60
      1.49      1.36      2.53      1.06      .045      .040      .045      .000    310.70   4850.00
   .000817      510.      477.      460.         2         0         0       .00    364.49   5214.49


*SECNO 276.000

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .47


3470 ENCROACHMENT STATIONS=     4950.0    5045.0  TYPE=      1  TARGET=       95.000
        D/S EFFECTIVE FLOW ENCROACHMENT (4 ON 1 EXPANSION)
   276.000      6.00    316.90       .00    316.81    317.27       .37       .79       .10    316.30
     813.1     100.9     620.0      92.2      43.2     113.5      39.7     218.1     105.5    315.70
      1.52      2.33      5.46      2.32      .045      .040      .045      .000    310.90   4950.00
   .003639      526.      525.      520.         3         0         0       .00     95.00   5045.00


CCHV=     .300 CEHV=     .500
*SECNO 278.000

3470 ENCROACHMENT STATIONS=     4838.1    5500.0  TYPE=      1  TARGET=    -4838.100
 ELENCL=    320.40  ELENCR= 100000.00
        D/S FACE MONTEREY HWY - DOUBLE BOX CULVERT
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 SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
 Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
 TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
 SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


278.000      6.22    317.22       .00    317.12    317.55       .33       .27       .01    314.90
  813.1      40.6     671.2     101.3      20.2     134.7      55.7     218.5     105.6    315.20
   1.52      2.01      4.98      1.82      .045      .040      .045      .000    311.00   4972.88
.002387      150.       92.       50.         3         0         0       .00     88.12   5061.00



SPECIAL CULVERT

SC  CUNO      CUNV      ENTLC     COFQ      RDLEN     RISE      SPAN      CULVLN    CHRT      SCL       ELCHU     ELCHD
     2          .013      .50      2.60       .00      4.00     10.00     65.00      8         3       311.20    310.90

CHART  8 - BOX CULVERT WITH FLARED WINGWALLS; NO INLET TOP EDGE BEVEL
SCALE  3 - WINGWALLS FLARED 0 DEGREES (SIDES EXTENDED STRAIGHT)

*SECNO 280.000

SPECIAL CULVERT OUTLET CONTROL + WEIR FLOW EG =    319.90
3280 CROSS SECTION    280.00 EXTENDED      2.56 FEET


3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  3.28

SPECIAL CULVERT

     EGIC      EGOC        H4     QWEIR     QCULV       VCH     ACULV     ELTRD    WEIRLN
    318.84    319.95      2.35        0.      805.     1.901      80.0    319.80       16.



3470 ENCROACHMENT STATIONS=     4849.3    5074.8  TYPE=      1  TARGET=      225.500
 ELENCL=    319.90  ELENCR= 100000.00
        U/S FACE MONTEREY HWY - DOUBLE BOX CULVERT
280.000      8.66    319.86       .00    319.41    319.90       .03      2.35       .00    315.20
  813.1     165.8     356.7     290.6     200.8     187.6     243.2     219.1     105.9    315.20
   1.54       .83      1.90      1.19      .045      .040      .045      .000    311.20   4851.56
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   .000222       65.       65.       65.         2         0         0       .00    223.24   5074.80


 *SECNO 282.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .60


 3470 ENCROACHMENT STATIONS=     4934.4    5125.0  TYPE=      1  TARGET=      190.600
   282.000      8.55    319.75       .00    319.24    320.12       .37       .06       .17    318.90
    1936.0      18.6    1301.2     616.2      21.9     227.0     268.3     219.9     106.1    316.70
      1.54       .85      5.73      2.30      .070      .050      .070      .000    311.20   4940.55
   .003557       30.       50.       75.         2         0         0       .00    184.45   5125.00


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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 *SECNO 284.000
 3280 CROSS SECTION    284.00 EXTENDED       .52 FEET


 3370 NORMAL BRIDGE, NRD=  20 MIN ELTRD=   317.60 MAX ELLC=   315.70

        D/S FACE WATSONVILLE ROAD - SINGLE BOX CULVERT
   284.000      9.33    320.53       .00    320.37    320.64       .12       .44       .08    315.70
    1936.0     326.6     417.6    1191.8     212.4      96.9     539.2     222.0     106.9    315.70
      1.55      1.54      4.31      2.21      .070      .030      .070      .000    311.20   4854.00
   .003005       86.      130.      150.         3         0         0   -504.06    356.50   5210.50


 *SECNO 290.000
 3280 CROSS SECTION    290.00 EXTENDED       .63 FEET


 3370 NORMAL BRIDGE, NRD=  20 MIN ELTRD=   317.60 MAX ELLC=   315.70

        U/S FACE WATSONVILLE ROAD - SINGLE BOX CULVERT
   290.000      9.42    320.62       .00    320.49    320.73       .10       .08       .00    315.70
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    1936.0     341.7     401.7    1192.6     226.6      98.2     559.8     222.6     107.2    315.70
      1.56      1.51      4.09      2.13      .070      .030      .070      .000    311.20   4854.00
   .002657       30.       30.       30.         2         0         0   -538.81    356.50   5210.50


 *SECNO 292.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  8.94


 3470 ENCROACHMENT STATIONS=     4675.0    5585.0  TYPE=      1  TARGET=      910.000
    292.000      9.59    320.79       .00    320.68    320.79       .00       .03       .03    315.90
     1936.0     934.8     135.5     865.7    1627.1     191.4    1815.6     238.1     111.5    315.00
       1.71       .57       .71       .48      .045      .045      .045      .000    311.20   4675.00
   .000033      285.      300.      310.         2         0         0       .00    910.00   5585.00


 CCHV=     .100 CEHV=     .300
 *SECNO 294.000

 3265 DIVIDED FLOW

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   06MAY14      09:05:54                                                                                                PAGE   48


     SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
     Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
     TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
     SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .46


 3470 ENCROACHMENT STATIONS=     4550.0    5460.0  TYPE=      1  TARGET=      910.000
    294.000      9.61    320.81       .00    320.70    320.82       .02       .03       .00    317.20
     1936.0     226.4     368.3    1341.3     386.4     230.3    1471.7     267.9     120.6    317.50
       1.84       .59      1.60       .91      .045      .040      .045      .000    311.20   4550.00
   .000156      475.      462.      440.         1         0         0       .00    825.24   5460.00


 *SECNO 296.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .68
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3470 ENCROACHMENT STATIONS=     4675.0    5335.0  TYPE=      1  TARGET=      660.000
   296.000      9.50    320.90       .00    320.81    320.94       .03       .11       .01    318.10
    1936.0     386.9     478.0    1071.1     471.4     217.2     865.5     288.9     129.2    318.00
      1.94       .82      2.20      1.24      .045      .040      .045      .000    311.40   4675.00
   .000334      530.      510.      490.         2         0         0       .00    660.00   5335.00


*SECNO 298.000

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.47


3470 ENCROACHMENT STATIONS=     4770.0    5240.0  TYPE=      1  TARGET=      470.000
   298.000      9.49    320.99       .00    320.90    321.02       .03       .08       .00    318.10
    1936.0     459.9    1193.4     282.7     579.3     679.1     395.1     303.0     134.2    318.80
      2.02       .79      1.76       .72      .045      .040      .045      .000    311.50   4770.00
   .000154      360.      384.      400.         1         0         0       .00    470.00   5240.00


*SECNO 300.000

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .45


3470 ENCROACHMENT STATIONS=     4870.0    5140.0  TYPE=      1  TARGET=      270.000
   300.000      8.53    321.03       .00    320.95    321.17       .13       .11       .03    319.10
    1936.0     207.6    1649.1      79.3     173.1     522.3      74.4     313.7     137.4    319.00
      2.05      1.20      3.16      1.07      .045      .040      .045      .000    312.50   4870.00
   .000753      371.      390.      401.         2         0         0       .00    270.00   5140.00


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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*SECNO 302.000

3470 ENCROACHMENT STATIONS=     4955.0    5045.0  TYPE=      1  TARGET=       90.000
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3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=    100000.00 ELREA=    100000.00

   302.000      8.37    321.27       .00    321.20    321.44       .17       .26       .01 100000.00
    1936.0        .0    1936.0        .0        .0     587.5        .0     319.3     138.9 100000.00
      2.08       .00      3.30       .00      .000      .040      .000      .000    312.90   4955.00
   .000693      385.      360.      320.         2         0         0       .00     90.00   5045.00


CCHV=     .300 CEHV=     .500
*SECNO 304.000

3470 ENCROACHMENT STATIONS=     4936.9    5104.0  TYPE=      1  TARGET=      167.100
        D/S FACE La CROSSE DR. "1" - QUADRUPLE BOX CULVERT
   304.000      8.15    321.25       .00    321.19    321.51       .26       .03       .04    321.10
    1936.0        .1    1935.2        .7        .7     475.4       4.4     320.0     139.1    321.10
      2.09       .16      4.07       .16      .040      .030      .040      .000    313.10   4962.09
   .000567       50.       50.       50.         2         0         0       .00    124.76   5086.85



SPECIAL CULVERT

SC  CUNO      CUNV      ENTLC     COFQ      RDLEN     RISE      SPAN      CULVLN    CHRT      SCL       ELCHU     ELCHD
     4          .013      .20      2.60       .00      8.00     14.00     60.00     12         3       313.70    313.10

CHART 12 - BOX CULVERT; NON-OFFSET FLARED WINGWALLS; 3/4-INCH CHAMFER AT TOP OF INLET
SCALE  3 - WINGWALLS FLARED 18.4 DEGREES (3:1); INLET SKEWED 30 DEGREES

*SECNO 310.000

SPECIAL CULVERT OUTLET CONTROL + WEIR FLOW EG =    321.62
SPECIAL CULVERT

     EGIC      EGOC        H4     QWEIR     QCULV       VCH     ACULV     ELTRD    WEIRLN
    318.95    321.63       .11        1.     1917.     4.356     448.0    321.50       33.



3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       322.60 ELREA=       322.30

        U/S FACE La CROSSE DR. "1" - QUADRUPLE BOX CULVERT
   310.000      7.63    321.33       .00    321.28    321.62       .29       .11       .00    322.60
    1936.0        .0    1936.0        .0        .0     444.5        .0     320.6     139.2    322.30
      2.09       .00      4.36       .00      .000      .030      .000      .000    313.70   4970.81
   .000701       60.       60.       60.         2         0         0       .00     58.38   5029.19
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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 *SECNO 312.000

 3470 ENCROACHMENT STATIONS=         .0    5081.4  TYPE=      1  TARGET=     5081.399
    312.000      7.68    321.38       .00    321.33    321.65       .27       .02       .01    322.60
     1936.0        .0    1936.0        .0        .0     462.5        .0     321.0     139.2    322.10
       2.09       .00      4.19       .00      .000      .030      .000      .000    313.70   4967.86
    .000697       10.       34.       50.         2         0         0       .00     76.83   5044.70


 CCHV=     .100 CEHV=     .300
 *SECNO 314.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .50


 3470 ENCROACHMENT STATIONS=         .0    5120.5  TYPE=      1  TARGET=     5120.499
    314.000      6.48    321.38       .00    321.33    322.07       .69       .30       .12    318.10
     1936.0     383.8    1280.1     272.1     108.6     163.9      82.1     323.2     139.8    318.60
       2.10      3.54      7.81      3.31      .040      .030      .040      .000    314.90   4936.09
    .002732      220.      242.      260.         3         0         0       .00    117.49   5053.58


 *SECNO 316.000

 3470 ENCROACHMENT STATIONS=     4862.4    5071.6  TYPE=      1  TARGET=      209.200
  ELENCL=    326.30  ELENCR=    325.70
    316.000      7.14    322.44       .00    322.43    322.79       .34       .68       .03    325.10
     1444.0        .0    1444.0        .0        .0     308.0        .0     326.2     140.6    325.40
       2.13       .00      4.69       .00      .000      .030      .000      .000    315.30   4972.95
    .001054      395.      395.      395.         2         0         0       .00     58.74   5031.69


 CCHV=     .300 CEHV=     .500
 *SECNO 318.000
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3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       323.90 ELREA=       323.40

        D/S FACE La CROSSE DR. "2" - TRIPLE BOX CULVERT
   318.000      7.16    322.56       .00    322.55    322.85       .29       .05       .02    323.90
    1444.0        .0    1444.0        .0        .0     335.3        .0     326.6     140.6    323.40
      2.13       .00      4.31       .00      .000      .030      .000      .000    315.40   4976.52
   .000781       10.       50.       70.         1         0         0       .00     46.97   5023.49


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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST



SPECIAL CULVERT

SC  CUNO      CUNV      ENTLC     COFQ      RDLEN     RISE      SPAN      CULVLN    CHRT      SCL       ELCHU     ELCHD
     3          .013      .40      2.60       .00      8.50     15.00     70.00     12         3       315.60    315.40

CHART 12 - BOX CULVERT; NON-OFFSET FLARED WINGWALLS; 3/4-INCH CHAMFER AT TOP OF INLET
SCALE  3 - WINGWALLS FLARED 18.4 DEGREES (3:1); INLET SKEWED 30 DEGREES

*SECNO 320.000

SPECIAL CULVERT OUTLET CONTROL
EGIC =    320.599  EGOC =    321.605  PCWSE=    322.558  ELTRD=    323.900

5150, EG OF   321.60 LESS THAN XEG OF   322.85
SPECIAL CULVERT

     EGIC      EGOC        H4     QWEIR     QCULV       VCH     ACULV     ELTRD    WEIRLN
    320.60    321.60       .00        0.     1444.     4.439     382.5    323.90        0.



3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       325.60 ELREA=       324.80

        U/S FACE La CROSSE DR. "2" - TRIPLE BOX CULVERT
   320.000      6.94    322.54       .00    322.53    322.85       .31       .00       .00    325.60
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    1444.0        .0    1444.0        .0        .0     325.3        .0     327.1     140.7    324.80
      2.13       .00      4.44       .00      .000      .030      .000      .000    315.60   4976.53
   .000856       70.       70.       70.         4         0         0       .00     46.94   5023.48


 *SECNO 322.000

 3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       325.50 ELREA=       325.40

   322.000      6.90    322.70       .00    322.69    322.92       .22       .04       .03    325.50
    1444.0        .0    1444.0        .0        .0     383.1        .0     327.6     140.8    325.40
      2.14       .00      3.77       .00      .000      .030      .000      .000    315.80   4963.93
   .000641       60.       60.       60.         2         0         0       .00     70.57   5034.51


 CCHV=     .100 CEHV=     .300
 *SECNO 324.000

 3470 ENCROACHMENT STATIONS=     4930.2    5162.7  TYPE=      1  TARGET=      232.500
  ELENCL=    326.50  ELENCR=    326.07
   324.000      6.64    323.14       .00    323.13    323.28       .14       .35       .01    321.30
    1444.0      45.1    1067.4     331.4      40.8     342.0     123.6     333.0     142.1    321.30
      2.19      1.11      3.12      2.68      .040      .030      .040      .000    316.50   4937.61
   .000711      525.      525.      525.         2         0         0       .00    155.57   5093.18


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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 *SECNO 326.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .61


 3470 ENCROACHMENT STATIONS=     4932.3    6261.3  TYPE=      1  TARGET=    -4932.300
  ELENCL=    326.90  ELENCR= 100000.00
   326.000      6.65    323.25       .00    323.24    323.58       .34       .24       .06    324.30
    1269.0        .0    1269.0        .0        .0     272.3        .0     335.2     142.8    323.40
      2.20       .00      4.66       .00      .000      .030      .000      .000    316.60   4970.17
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   .001479      260.      255.      230.         0         0         0       .00     68.89   5039.06


 CCHV=     .300 CEHV=     .500
 *SECNO 328.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.95


 3470 ENCROACHMENT STATIONS=     4955.0    5045.0  TYPE=      1  TARGET=       90.000
        D/S FACE EDMUNDSON AVE. - TRIPLE BOX CULVERT
   328.000      8.21    323.51       .00    323.51    323.68       .17       .05       .05    321.80
    1269.0      21.4    1215.8      31.8      28.9     362.4      37.0     335.8     142.9    321.80
      2.21       .74      3.35       .86      .045      .030      .045      .000    315.30   4955.00
   .000389       70.       71.       78.         3         0         0       .00     90.00   5045.00



 SPECIAL CULVERT

 SC  CUNO      CUNV      ENTLC     COFQ      RDLEN     RISE      SPAN      CULVLN    CHRT      SCL       ELCHU     ELCHD
     3          .013      .40      2.60       .00      6.50     13.30     80.00     12         3       317.90    315.30

 CHART 12 - BOX CULVERT; NON-OFFSET FLARED WINGWALLS; 3/4-INCH CHAMFER AT TOP OF INLET
 SCALE  3 - WINGWALLS FLARED 18.4 DEGREES (3:1); INLET SKEWED 30 DEGREES

 *SECNO 330.000

 SPECIAL CULVERT OUTLET CONTROL
 EGIC =    322.870  EGOC =    324.086  PCWSE=    323.514  ELTRD=    325.500


 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .55

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 SPECIAL CULVERT
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     EGIC      EGOC        H4     QWEIR     QCULV       VCH     ACULV     ELTRD    WEIRLN
    322.87    324.09       .40        0.     1269.     4.958     259.4    325.50        0.



 3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       324.40 ELREA=       327.20

        U/S FACE EDMUNDSON AVE. - TRIPLE BOX CULVERT
   330.000      5.80    323.70       .00    323.70    324.09       .38       .40       .00    324.40
    1269.0        .0    1269.0        .0        .0     256.0        .0     336.4     143.1    327.20
      2.21       .00      4.96       .00      .000      .030      .000      .000    317.90   4977.91
   .001309       80.       80.       80.         2         0         0       .00     44.15   5022.06


 CCHV=     .100 CEHV=     .300
 *SECNO 332.000

 3470 ENCROACHMENT STATIONS=     4738.3    5788.3  TYPE=      1  TARGET=     1050.000
  ELENCL=    330.33  ELENCR=    330.70
   332.000      5.89    323.79       .00    323.79    324.17       .38       .09       .00    322.40
    1269.0       1.6    1264.0       3.3       4.2     253.6       6.4     336.8     143.1    323.30
      2.22       .39      4.98       .52      .120      .030      .045      .000    317.90   4968.31
   .001636       60.       60.       60.         2         0         0       .00     95.48   5063.79


 *SECNO 334.000
 3685 20 TRIALS ATTEMPTED WSEL,CWSEL
 3693 PROBABLE MINIMUM SPECIFIC ENERGY
 3720 CRITICAL DEPTH ASSUMED

 3470 ENCROACHMENT STATIONS=     4631.6    5147.1  TYPE=      1  TARGET=      515.500
  ELENCL=    330.10  ELENCR= 100000.00
   334.000      7.17    325.67    325.67    325.67    326.45       .77       .99       .12    323.00
    1269.0      64.4     948.5     256.2      65.0     117.1     128.4     339.6     144.6    323.60
      2.24       .99      8.10      2.00      .120      .030      .045      .000    318.50   4943.91
   .003495      446.      432.      400.        20        13         0       .00    203.19   5147.10


 *SECNO 336.000
1
   06MAY14      09:05:54                                                                                                PAGE   54


    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
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    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST



3301 HV CHANGED MORE THAN HVINS

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS=     4912.6    5047.4  TYPE=      1  TARGET=      134.800
 ELENCL=    329.40  ELENCR= 100000.00
   336.000      6.01    327.31    327.31    327.31    328.68      1.37      1.56       .18    324.40
    1269.0      34.6    1096.5     137.8      29.2     109.3      47.4     341.6     145.7    325.60
      2.25      1.18     10.03      2.91      .120      .030      .045      .000    321.30   4968.28
   .005590      359.      359.      358.         4        15         0       .00     79.12   5047.40


CCHV=     .300 CEHV=     .500
*SECNO 338.000

3301 HV CHANGED MORE THAN HVINS


3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.82


3470 ENCROACHMENT STATIONS=     4857.0    5440.6  TYPE=      1  TARGET=      583.600
 ELENCL=    329.60  ELENCR=    330.20
        D/S FACE EDES CT. - TRIPLE BOX CULVERT
   338.000      6.64    328.64       .00    328.64    329.17       .52       .23       .25    327.50
    1269.0      14.9    1235.0      19.1      42.5     210.0      23.3     342.1     146.0    327.70
      2.25       .35      5.88       .82      .120      .030      .045      .000    322.00   4909.68
   .001686       84.       84.       84.         2         0         0       .00    155.79   5065.47



SPECIAL CULVERT

SC  CUNO      CUNV      ENTLC     COFQ      RDLEN     RISE      SPAN      CULVLN    CHRT      SCL       ELCHU     ELCHD
     3          .013      .20      2.60       .00      5.00     10.00     45.00      9         2       322.50    322.50

CHART  9 - BOX CULVERT WITH FLARED WINGWALL AND INLET TOP EDGE BEVEL
SCALE  2 - WINGWALL FLARED 18 TO 33.7 DEGREES; INLET TOP EDGE BEVEL = 0.083D

*SECNO 340.000
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 SPECIAL CULVERT OUTLET CONTROL + WEIR FLOW EG =    328.94
 5150, EG OF   328.94 LESS THAN XEG OF   329.17
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     SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
     Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
     TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
     SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 SPECIAL CULVERT

      EGIC      EGOC        H4     QWEIR     QCULV       VCH     ACULV     ELTRD    WEIRLN
     328.41    330.10       .00      698.      572.     5.060     150.0    328.00      633.



 3470 ENCROACHMENT STATIONS=     4860.0    5110.0  TYPE=      1  TARGET=      250.000
        U/S FACE EDES CT. - TRIPLE BOX CULVERT
    340.000      6.54    328.84       .00    328.84    329.17       .33       .00       .00    327.50
     1269.0     170.9    1046.7      51.4     249.5     206.9      59.4     342.5     146.2    327.50
       2.25       .68      5.06       .87      .120      .030      .045      .000    322.30   4860.00
    .001241       45.       45.       45.         2         0         0       .00    250.00   5110.00


 *SECNO 342.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.42


 3470 ENCROACHMENT STATIONS=     4935.0    5175.0  TYPE=      1  TARGET=      240.000
    342.000      6.63    329.13       .00    329.13    329.28       .15       .06       .06    325.30
     1269.0       8.1    1017.4     243.6      17.9     300.7     225.5     343.3     146.5    326.40
       2.26       .45      3.38      1.08      .120      .030      .045      .000    322.50   4937.43
    .000614       65.       65.       65.         2         0         0       .00    237.57   5175.00


 *SECNO 344.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .50


 3470 ENCROACHMENT STATIONS=     4950.0    5085.0  TYPE=      1  TARGET=      135.000
    344.000      7.29    329.59       .00    329.59    330.06       .47       .62       .16    326.20
```

```
    1269.0     166.4     713.9     388.7     131.6     101.3     151.8     349.4     149.0    327.10
      2.29      1.26      7.05      2.56      .120      .030      .045      .000    322.30   4950.00
   .002436      574.      572.      571.         3         0         0       .00    135.00   5085.00


 *SECNO 348.000

 3370 NORMAL BRIDGE, NRD=  32 MIN ELTRD=   327.40 MAX ELLC=   327.55

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 3685 20 TRIALS ATTEMPTED WSEL,CWSEL
 3693 PROBABLE MINIMUM SPECIFIC ENERGY
 3720 CRITICAL DEPTH ASSUMED

 3470 ENCROACHMENT STATIONS=     4953.9    5383.4  TYPE=      1  TARGET=      429.500
  ELENCL=    330.30  ELENCR=    331.50
        D/S FACE SMALL ONE LANE CROSSING - WOOD DECK, ONE OPENING
   348.000      6.87    329.67    329.67    329.67    330.51       .84       .13       .19    326.90
    1269.0     129.2     654.9     484.9      68.9      71.9      90.6     349.5     149.1    327.50
      2.29      1.87      9.11      5.35      .120      .030      .045      .000    322.80   4955.92
   .017245       25.       25.       25.        20        13         0    -91.10    122.62   5078.55


 *SECNO 350.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.59


 3370 NORMAL BRIDGE, NRD=  32 MIN ELTRD=   327.40 MAX ELLC=   327.55


 3470 ENCROACHMENT STATIONS=     4953.9    5383.4  TYPE=      1  TARGET=      429.500
  ELENCL=    330.30  ELENCR=    331.50
        U/S FACE SMALL ONE LANE CROSSING - WOOD DECK, ONE OPENING
   350.000      7.60    330.40       .00    330.40    330.77       .37       .12       .14    326.90
    1269.0     141.2     495.5     632.3     101.5      80.4     149.5     349.6     149.1    327.50
      2.29      1.39      6.16      4.23      .120      .030      .045      .000    322.80   4905.30
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   .006801       12.       12.       12.         8         0         0    -91.70    202.43   5107.73


 *SECNO 352.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  4.73


 3470 ENCROACHMENT STATIONS=     4675.2    5085.4  TYPE=      1  TARGET=      410.200
  ELENCL=    334.70  ELENCR=    337.30
    352.000      7.54    331.04       .00    331.04    331.16       .12       .31       .08    330.50
     1269.0        .6    1220.0      48.4       6.8     429.6      47.1     353.2     150.5    326.10
       2.33       .09      2.84      1.03      .120      .030      .045      .000    323.50   4957.55
   .000303      380.      380.      380.         2         0         0       .00    114.50   5072.05


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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 *SECNO 354.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .27


 3370 NORMAL BRIDGE, NRD=  32 MIN ELTRD=   330.60 MAX ELLC=   330.60


 3470 ENCROACHMENT STATIONS=     4413.5    6171.5  TYPE=      1  TARGET=    -4413.500
  ELENCL=    336.30  ELENCR= 100000.00
         D/S FACE COSMO AVE. - TWIN PIPE CULVERT
    354.000     11.62    331.02       .00    331.02    331.22       .21       .02       .04    330.60
     1269.0       2.1     178.7    1088.2       7.5      65.7     287.3     353.4     150.6    329.20
       2.33       .28      2.72      3.79      .120      .030      .045      .000    319.40   4959.37
   .004237       25.       25.       25.         3         0         0   -285.65    202.12   5161.49


 *SECNO 360.000

 3370 NORMAL BRIDGE, NRD=  26 MIN ELTRD=   331.30 MAX ELLC=   330.60
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3470 ENCROACHMENT STATIONS=     4441.5    6227.1  TYPE=      1  TARGET=    -4441.500
 ELENCL=    336.30  ELENCR= 100000.00
        U/S FACE COSMO AVE. - TWIN PIPE CULVERT
   360.000      9.71    331.21       .00    331.21    331.50       .29       .24       .04    330.50
    1269.0        .0     164.9    1104.1        .0      44.1     250.5     353.9     150.9    330.60
      2.34       .00      3.74      4.41      .000      .030      .045      .000    321.50   4867.09
   .003703       60.       60.       60.         4         0         0   -269.81    316.96   5184.05


*SECNO 362.000

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  5.44


3470 ENCROACHMENT STATIONS=     4439.3    6613.7  TYPE=      1  TARGET=    -4439.300
 ELENCL=    336.20  ELENCR= 100000.00
   362.000     11.87    331.57       .00    331.57    331.60       .03       .01       .08    328.30
    1269.0      64.6     146.6    1057.8     293.4      95.4     821.4     354.6     151.3    329.50
      2.35       .22      1.54      1.29      .120      .030      .045      .000    319.70   4825.50
   .000125       40.       40.       40.         3         0         0       .00    484.67   5310.17


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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


CCHV=     .100 CEHV=     .300
*SECNO 364.000

3301 HV CHANGED MORE THAN HVINS

3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS=     4700.8    5183.6  TYPE=      1  TARGET=      482.800
 ELENCL=    335.60  ELENCR=    334.40
   364.000      5.89    332.39    332.39    332.39    333.01       .61       .26       .18    330.00
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    1094.0     550.8     543.2        .0     343.2      61.9        .2     368.0     157.7    332.30
      2.39      1.60      8.77       .11      .120      .040      .186      .000    326.50   4731.90
   .010965      725.      725.      725.        20         9         0       .00    281.50   5013.40


 *SECNO 366.000

 3470 ENCROACHMENT STATIONS=     4920.0    5100.0  TYPE=      1  TARGET=      180.000
    366.000      8.45    335.75    334.27    335.75    336.62       .86      3.53       .07    334.80
     1094.0      39.1    1031.9      23.1      49.8     134.5      52.3     371.3     160.0    334.90
       2.40       .78      7.67       .44      .120      .040      .186      .000    327.30   4920.00
    .005992      448.      445.      444.         5        11         0       .00    180.00   5100.00


 CCHV=     .300 CEHV=     .500
 *SECNO 368.000
 7185 MINIMUM SPECIFIC ENERGY
 3720 CRITICAL DEPTH ASSUMED

 3470 ENCROACHMENT STATIONS=     4935.0    5065.0  TYPE=      1  TARGET=      130.000
         D/S FACE SPRING AVE. - SINGLE BOX CULVERT
    368.000      8.65    336.05    336.05    336.05    337.25      1.20       .35       .17    333.40
     1094.0     254.8     744.9      94.3     134.1      70.4      95.3     371.6     160.2    333.40
       2.40      1.90     10.59       .99      .120      .030      .186      .000    327.40   4935.00
    .008537       50.       50.       50.         0         5         0       .00    130.00   5065.00


 *SECNO 370.000

 3370 NORMAL BRIDGE, NRD=  28 MIN ELTRD=   334.00 MAX ELLC=   334.30

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     SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
     Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
     TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
     SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 3685 20 TRIALS ATTEMPTED WSEL,CWSEL
 3693 PROBABLE MINIMUM SPECIFIC ENERGY
 3720 CRITICAL DEPTH ASSUMED

 3470 ENCROACHMENT STATIONS=     4920.0    5080.0  TYPE=      1  TARGET=      160.000
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```
   370.000      8.84    337.14    337.14    337.14    338.08       .95       .66       .08    334.30
    1094.0     274.1     645.9     174.0     119.1      64.5     118.5     372.0     160.4    333.90
      2.41      2.30     10.01      1.47      .120      .030      .186      .000    328.30   4920.00
   .019032       54.       54.       54.        20        13         0    -92.80    160.00   5080.00


 CCHV=     .100 CEHV=     .300
 *SECNO 370.200

 3301 HV CHANGED MORE THAN HVINS


 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  5.02


 3470 ENCROACHMENT STATIONS=     4775.0    5120.0  TYPE=      1  TARGET=      345.000
        U/S FACE SPRING AVE. - SINGLE BOX CULVERT
   370.200      9.83    338.13       .00    338.13    338.18       .04       .00       .09    334.30
    1094.0     701.5     208.9     183.6     465.0      80.0     382.2     372.0     160.4    333.90
      2.41      1.51      2.61       .48      .045      .040      .186      .000    328.30   4775.00
   .000756        1.        1.        1.         3         0         0       .00    345.00   5120.00


 *SECNO 372.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  2.62


 3470 ENCROACHMENT STATIONS=     4700.0    5190.0  TYPE=      1  TARGET=      490.000
   372.000      9.28    338.18       .00    338.18    338.20       .01       .02       .00    335.30
    1094.0     761.4     252.7      79.9     952.0     194.8     488.7     374.1     161.1    334.70
      2.43       .80      1.30       .16      .045      .040      .186      .000    328.90   4700.00
   .000110       80.       70.       60.         2         0         0       .00    490.00   5190.00


 *SECNO 374.000
1
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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST
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3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .25


3470 ENCROACHMENT STATIONS=     4700.0    5019.6  TYPE=      1  TARGET=      319.600
   374.000      7.46    338.26       .00    338.26    338.40       .14       .17       .04    336.50
    1094.0     657.5     433.5       3.0     387.6     102.8       8.1     388.8     166.6    336.70
      2.49      1.70      4.22       .36      .045      .040      .186      .000    330.80   4700.00
   .001763      576.      625.      655.         3         0         0       .00    316.41   5016.41


CCHV=     .300 CEHV=     .500
*SECNO 376.000

3470 ENCROACHMENT STATIONS=     4700.0    5901.8  TYPE=      1  TARGET=    -4700.000
        D/S FACE COILINO AVE. - SINGLE BOX CULVERT UNDER A PARKING AREA
   376.000      7.65    338.45       .00    338.45    338.48       .02       .04       .03    336.00
    1094.0     736.2     144.6     213.2     725.5      63.8     265.0     389.4     167.0    336.00
      2.50      1.01      2.27       .80      .080      .045      .070      .000    330.80   4700.00
   .000912       37.       25.       25.         2         0         0       .00    533.37   5233.37



SPECIAL CULVERT

SC  CUNO      CUNV      ENTLC     COFQ      RDLEN     RISE      SPAN      CULVLN    CHRT      SCL       ELCHU     ELCHD
     1          .013      .50      2.60       .00      5.00      8.25    610.00      8         3       333.90    330.80

CHART  8 - BOX CULVERT WITH FLARED WINGWALLS; NO INLET TOP EDGE BEVEL
SCALE  3 - WINGWALLS FLARED 0 DEGREES (SIDES EXTENDED STRAIGHT)

5130, EGIC=  367.74..MAY BE TOO LARGE IF INLET CONTROLS.
5135, EGOC=  373.04 ..MAY BE TOO LARGE IF OUTLET CONTROLS.
*SECNO 380.000

SPECIAL CULVERT OUTLET CONTROL + WEIR FLOW EG =    340.35
SPECIAL CULVERT

     EGIC      EGOC        H4     QWEIR     QCULV       VCH     ACULV     ELTRD    WEIRLN
    367.74    373.04      1.87      836.      256.     8.306      41.3    339.20      753.


3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS=     4826.6    6138.0  TYPE=      1  TARGET=    -4826.600
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```
 ELENCL=    340.60  ELENCR= 100000.00
        U/S FACE DUNNE AVE. - SINGLE BOX CULVERT
   380.000      6.11    340.01    340.01    340.01    340.47       .46      1.46     -1.46    338.90
    1094.0     227.8     422.2     443.9     106.9      50.8     205.4     399.4     173.3    338.90
      2.54      2.13      8.31      2.16      .080      .045      .100      .000    333.90   4859.64
   .016084      619.      610.      606.        20        14         0       .00    370.98   5230.62


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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 *SECNO 382.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  2.38


 3470 ENCROACHMENT STATIONS=     4879.5    5676.9  TYPE=      1  TARGET=    -4879.500
  ELENCL=    341.10  ELENCR= 100000.00
   382.000      6.71    340.81       .00    340.81    341.04       .24       .51       .07    339.60
    1094.0      70.6     506.3     517.1      56.1      94.8     262.1     400.2     174.1    337.60
      2.55      1.26      5.34      1.97      .045      .040      .055      .000    334.10   4901.46
   .002836      110.       95.       80.         3         0         0       .00    363.71   5265.17


 *SECNO 384.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .54


 3470 ENCROACHMENT STATIONS=     4496.9    5467.4  TYPE=      1  TARGET=    -4496.900
  ELENCL=    342.60  ELENCR= 100000.00
        D/S FACE 5TH STREET - SINGLE BOX CULVERT
   384.000      7.71    342.01       .00    342.01    342.45       .44      1.30       .10    339.50
     980.0     305.1     465.4     209.5     332.2      62.7      75.6     403.3     176.6    339.50
      2.56       .92      7.43      2.77      .191      .040      .055      .000    334.30   4699.54
   .007799      305.      305.      300.         4         0         0       .00    364.90   5064.44


 *SECNO 390.000
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 3370 NORMAL BRIDGE, NRD=  26 MIN ELTRD=   340.00 MAX ELLC=   339.60


 3470 ENCROACHMENT STATIONS=     4640.0    5394.0  TYPE=      1  TARGET=    -4640.000
    390.000      8.36    342.86       .00    342.86    342.96       .10       .41       .10    339.60
      980.0     527.2     256.8     196.0     681.1      60.4      80.4     404.2     177.2    339.40
       2.57       .77      4.25      2.44      .191      .040      .055      .000    334.50   4640.00
    .006151       59.       59.       59.         3         0         0    -94.25    444.21   5084.21


 *SECNO 390.200

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.82

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     SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
     Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
     TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
     SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST



 3470 ENCROACHMENT STATIONS=     4640.0    5394.0  TYPE=      1  TARGET=    -4640.000
         U/S FACE 5TH STREET - SINGLE BOX CULVERT
    390.200      8.38    342.88       .00    342.88    342.96       .09       .00       .00    339.60
      980.0     380.6     264.3     335.1     689.6      67.9     163.9     404.2     177.2    339.40
       2.57       .55      3.89      2.04      .191      .040      .055      .000    334.50   4640.00
    .001855        1.        1.        1.         1         0         0       .00    444.38   5084.38


 *SECNO 392.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  2.61


 3470 ENCROACHMENT STATIONS=     4480.0    5290.0  TYPE=      1  TARGET=    -4480.000

 3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=    100000.00 ELREA=       339.10

         D/S FACE MONTEREY RD. @ 4TH STREET - SINGLE BOX CULVERT
    392.000      7.96    343.06       .00    343.06    343.07       .01       .08       .02 100000.00
      900.0        .0     485.4     414.6        .0     814.3     584.7     408.5     179.3    339.10
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      2.64       .00       .60       .71      .000      .050      .070      .000    335.10   4480.00
   .000230      160.      160.      160.         2         0         0       .00    718.92   5198.92



 SPECIAL CULVERT

 SC  CUNO      CUNV      ENTLC     COFQ      RDLEN     RISE      SPAN      CULVLN    CHRT      SCL       ELCHU     ELCHD
      1          .015      .20      3.00     25.00      4.00     12.00    290.00      8         2       335.80    335.10

 CHART  8 - BOX CULVERT WITH FLARED WINGWALLS; NO INLET TOP EDGE BEVEL
 SCALE  2 - WINGWALLS FLARED 90 OR 15 DEGREES

 5135, EGOC=  355.67 ..MAY BE TOO LARGE IF OUTLET CONTROLS.
 *SECNO 394.000

 SPECIAL CULVERT OUTLET CONTROL + WEIR FLOW EG =    345.05
 SPECIAL CULVERT

      EGIC      EGOC        H4     QWEIR     QCULV       VCH     ACULV     ELTRD    WEIRLN
     353.06    355.67      1.98      544.      357.     1.402      48.0    341.30       25.



 3470 ENCROACHMENT STATIONS=     4410.0    5140.0  TYPE=      1  TARGET=    -4410.000
         U/S FACE MONTEREY RD. @ 4TH STREET - SINGLE BOX CULVERT
    394.000      9.24    345.04       .00    345.04    345.05       .01      1.98       .00    339.80
      900.0     417.4     157.7     324.9    1583.4     112.4     405.1     420.1     184.0    339.80
       2.76       .26      1.40       .80      .191      .050      .070      .000    335.80   4410.00
    .000223      290.      290.      290.         0         0         0       .00    700.16   5110.16


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     SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
     Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
     TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
     SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 *SECNO 402.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .21
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3370 NORMAL BRIDGE, NRD=  20 MIN ELTRD=   342.80 MAX ELLC=   342.00


3470 ENCROACHMENT STATIONS=     4500.0    5414.7  TYPE=      1  TARGET=    -4500.000
        D/S FACE 3RD STREET - WOODEN DECK BRIDGE CROSSING
   402.000      8.20    345.20       .00    345.20    345.28       .08       .20       .04    341.70
     840.0     356.6     281.0     202.4     575.0      77.7     111.4     431.6     189.2    342.00
      2.81       .62      3.61      1.82      .191      .040      .070      .000    337.00   4500.00
   .004359      350.      350.      350.         3         0         0   -239.01    587.55   5087.55


*SECNO 410.000

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  2.41


3470 ENCROACHMENT STATIONS=     4500.0    5414.7  TYPE=      1  TARGET=    -4500.000
        U/S FACE 3RD STREET - WOODEN DECK BRIDGE CROSSING
   410.000      8.29    345.29       .00    345.29    345.32       .03       .02       .01    341.70
     840.0     409.7     226.4     204.0     804.0      92.3     156.3     431.9     189.4    342.00
      2.82       .51      2.45      1.30      .126      .045      .050      .000    337.00   4500.00
   .000751       14.       14.       14.         2         0         0       .00    588.51   5088.51


*SECNO 411.000

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.94

   411.000      7.84    345.34       .00    345.34    345.37       .03       .05       .00    342.00
     840.0     213.0     545.9      81.1     777.5     348.9     136.9     435.6     191.2    342.00
      2.85       .27      1.56       .59      .126      .045      .050      .000    337.50   4549.25
   .000201      145.      130.      125.         2         0         0       .00    554.66   5103.91


*SECNO 412.000

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .39
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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
```

```
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST



3470 ENCROACHMENT STATIONS=     4600.0    5072.0  TYPE=      1  TARGET=      472.000
        D/S FACE DEL MONTE @ 2ND STREET - SINGLE BOX CULVERT
   412.000      7.82    345.42       .00    345.42    345.45       .03       .08       .00    342.10
     700.0     386.1     178.0     135.9     691.6      71.5     103.7     441.0     193.8    342.10
      2.90       .56      2.49      1.31      .126      .045      .050      .000    337.60   4600.00
   .000904      215.      230.      235.         2         0         0       .00    472.00   5072.00


*SECNO 420.000

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .24


3370 NORMAL BRIDGE, NRD=  20 MIN ELTRD=   344.50 MAX ELLC=   343.50


3470 ENCROACHMENT STATIONS=     4600.0    5225.7  TYPE=      1  TARGET=    -4600.000
        U/S FACE DEL MONTE @ 2ND STREET - SINGLE BOX CULVERT
   420.000      6.36    345.36       .00    345.36    345.51       .15       .00       .06    343.50
     700.0     460.8     238.7        .5     339.4      47.7        .8     441.0     193.8    343.50
      2.90      1.36      5.00       .59      .126      .045      .050      .000    339.00   4600.00
   .016293        1.        1.        1.         3         0         0   -353.95    475.99   5075.99


*SECNO 420.200

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  3.35


3470 ENCROACHMENT STATIONS=     4600.0    5071.0  TYPE=      1  TARGET=      471.000
   420.200      6.51    345.51       .00    345.51    345.55       .04       .00       .03    343.50
     700.0     435.9     166.1      97.9     676.2      59.5      75.8     441.0     193.8    343.50
      2.90       .64      2.79      1.29      .126      .045      .050      .000    339.00   4600.00
   .001453        1.        1.        1.         2         0         0       .00    471.00   5071.00


*SECNO 422.000

3470 ENCROACHMENT STATIONS=     4705.0    6038.6  TYPE=      1  TARGET=    -4705.000
        D/S FACE WARREN AVE. - SINGLE BOX CULVERT
   422.000      6.16    345.86       .00    345.86    345.90       .04       .35       .00    344.30
     650.0     434.5     186.0      29.5     614.6      68.5      32.2     445.4     196.2    344.30
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      2.96       .71      2.71       .92      .126      .045      .050      .000    339.70   4705.00
   .001327      250.      250.      250.         2         0         0       .00    341.99   5046.99


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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 *SECNO 430.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .52


 3370 NORMAL BRIDGE, NRD=  22 MIN ELTRD=   344.00 MAX ELLC=   344.30


 3470 ENCROACHMENT STATIONS=     4670.0    6012.7  TYPE=      1  TARGET=    -4670.000
   430.000      6.14    345.94       .00    345.94    346.00       .05       .09       .01    344.30
     650.0     445.3     187.0      17.7     395.1      62.6      13.4     445.9     196.5    344.30
      2.96      1.13      2.99      1.32      .126      .045      .050      .000    339.80   4746.50
   .004919       40.       40.       40.         1         0         0   -104.39    310.74   5057.24


 *SECNO 430.200

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.56


 3470 ENCROACHMENT STATIONS=     4680.0    6012.7  TYPE=      1  TARGET=    -4680.000
        U/S FACE WARREN AVE. - SINGLE BOX CULVERT
   430.200      6.14    345.94       .00    345.94    346.01       .07       .00       .01    344.30
     650.0     377.0     229.9      43.1     467.4      68.4      37.3     446.0     196.5    344.30
      2.96       .81      3.36      1.16      .126      .045      .050      .000    339.80   4746.50
   .002014        1.        1.        1.         0         0         0       .00    310.46   5056.96


 *SECNO 434.000

 3470 ENCROACHMENT STATIONS=     4855.1    5942.2  TYPE=      1  TARGET=    -4855.100
   434.000      6.44    347.14       .00    347.14    347.32       .18      1.26       .05    345.20
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     500.0      43.2     445.6      11.2     101.4     124.0      17.9     452.3     200.5    346.40
      3.02       .43      3.59       .63      .126      .045      .050      .000    340.70   4857.44
   .001668      680.      680.      680.         2         0         0       .00    202.95   5060.38


 CCHV=     .300 CEHV=     .500
 *SECNO 436.000

 3470 ENCROACHMENT STATIONS=     4872.1    6003.8  TYPE=      1  TARGET=    -4872.100
        D/S FACE MAIN STREET - SINGLE BOX CULVERT
   436.000      6.06    347.16       .00    347.16    347.57       .41       .13       .12    346.10
     500.0      47.6     341.0     111.4      98.7      55.2      69.4     452.6     200.8    346.10
      3.03       .48      6.17      1.61      .143      .025      .040      .000    341.10   4872.10
   .002601       50.       63.       70.         3         0         0       .00    242.90   5115.00


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   06MAY14      09:05:54                                                                                                PAGE   66


    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 *SECNO 440.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .43


 3370 NORMAL BRIDGE, NRD=  33 MIN ELTRD=   345.30 MAX ELLC=   346.20


 3470 ENCROACHMENT STATIONS=     4771.3    6082.6  TYPE=      1  TARGET=    -4771.300
   440.000      6.06    347.26    345.76    347.26    348.17       .91       .35       .25    346.20
     500.0      74.2     412.1      13.7     102.1      49.0       8.6     453.0     201.2    346.20
      3.03       .73      8.41      1.59      .143      .025      .040      .000    341.20   4771.30
   .013960       69.       69.       69.         0         6         0   -210.35    334.92   5106.22


 *SECNO 440.200

 3301 HV CHANGED MORE THAN HVINS
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 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  6.56


 3470 ENCROACHMENT STATIONS=     4771.3    5120.0  TYPE=      1  TARGET=      348.700
        U/S FACE MAIN STREET - SINGLE BOX CULVERT
   440.200      7.19    348.39       .00    348.39    348.43       .04       .00       .26    346.20
     500.0     166.1     160.7     173.1     513.8      65.7     186.1     453.0     201.2    346.20
      3.03       .32      2.45       .93      .143      .025      .040      .000    341.20   4771.30
   .000324        1.        1.        1.         4         0         0       .00    348.70   5120.00


 *SECNO 442.000

 3470 ENCROACHMENT STATIONS=     4700.0    5180.0  TYPE=      1  TARGET=      480.000
   442.000      7.11    348.41       .00    348.41    348.46       .05       .02       .01    346.40
     500.0      89.6     268.7     141.7     400.7     113.3     194.6     454.1     201.9    345.70
      3.04       .22      2.37       .73      .143      .030      .040      .000    341.30   4700.00
   .000295       65.       65.       65.         2         0         0       .00    480.00   5180.00


 CCHV=     .100 CEHV=     .300
 *SECNO 444.000
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   06MAY14      09:05:54                                                                                                    PAGE   67


    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST



 3470 ENCROACHMENT STATIONS=     4665.0    5160.0  TYPE=      1  TARGET=      495.000
   444.000      6.74    348.54       .00    348.54    348.58       .04       .12       .00    347.50
     500.0      65.0     233.1     202.0     333.9     106.7     237.4     460.7     206.6    346.80
      3.12       .19      2.18       .85      .143      .030      .040      .000    341.80   4665.00
   .000291      420.      420.      420.         2         0         0       .00    495.00   5160.00


 *SECNO 446.000

 3265 DIVIDED FLOW


 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .41
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3470 ENCROACHMENT STATIONS=     4775.0    5150.0  TYPE=      1  TARGET=      375.000
   446.000      6.41    348.61       .00    348.61    348.91       .30       .25       .08    347.60
     500.0      51.2     418.9      29.9     149.8      87.3      38.4     465.5     210.8    348.50
      3.15       .34      4.80       .78      .143      .030      .040      .000    342.20   4775.00
   .001747      430.      430.      430.         3         0         0       .00    357.39   5150.00


*SECNO 448.000

3470 ENCROACHMENT STATIONS=     4875.0    5055.4  TYPE=      1  TARGET=      180.400
   448.000      6.58    349.48       .00    349.48    349.88       .40       .94       .03    349.40
     500.0       8.1     489.7       2.2      34.9      95.2       3.7     467.7     213.6    349.10
      3.18       .23      5.14       .59      .143      .030      .040      .000    342.90   4875.00
   .002271      475.      475.      475.         2         0         0       .00    154.33   5029.33


*SECNO 449.000

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  2.07


3470 ENCROACHMENT STATIONS=     4985.0    5011.0  TYPE=      1  TARGET=       26.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       348.80 ELREA=    100000.00

   449.000      6.84    350.14       .00    350.14    350.17       .03       .25       .04    348.80
     217.8        .0     217.8        .0        .0     161.0        .0     469.4     214.6 100000.00
      3.28       .00      1.35       .00      .000      .030      .000      .000    343.30   4985.00
   .000100      500.      500.      500.         2         0         0       .00     26.00   5011.00


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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*SECNO 450.000

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .09
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 3370 NORMAL BRIDGE, NRD=   7 MIN ELTRD=   350.20 MAX ELLC=   351.50


 3470 ENCROACHMENT STATIONS=     4951.3    5069.5  TYPE=      1  TARGET=      118.200

 3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       351.00 ELREA=       351.50

        D/S FACE, CORNER OF HALE AND WRIGHT - TWIN PIPES OPEN INTO A SINGLE BOX
   450.000      6.73    350.03       .00    350.03    350.22       .19       .00       .05    351.00
     117.8        .0     117.8        .0        .0      33.5        .0     469.4     214.6    351.50
      3.28       .00      3.52       .00      .000      .030      .000      .000    343.30   4996.91
   .003952       40.       20.        1.         2         0         0     -7.44      6.17   5003.08


 *SECNO 460.000

 4575 CRITICAL DEPTH ASSUMED BELOW ELLC OF   349.000 EGLC=   350.326 EGC=   350.338 WSEL=   348.917

 3301 HV CHANGED MORE THAN HVINS


 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .30


 3370 NORMAL BRIDGE, NRD=  30 MIN ELTRD=   349.40 MAX ELLC=   349.00


 3470 ENCROACHMENT STATIONS=     4975.0    5080.0  TYPE=      1  TARGET=      105.000
        U/S FACE, CORNER OF HALE AND WRIGHT - TWIN PIPES OPEN INTO A SINGLE BOX
   460.000      3.48    349.98    349.00    349.99    351.31      1.33       .75       .34    349.00
     117.8        .0     117.8        .0        .0      12.8        .0     469.5     214.7    349.00
      3.29       .00      9.24       .00      .000      .030      .000      .000    346.50   4992.80
   .044017       80.       80.       80.         8        17         0    -20.15     76.03   5068.83


 *SECNO 461.000
1
   06MAY14      09:05:54                                                                                                                                PAGE   69


    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST
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3301 HV CHANGED MORE THAN HVINS


3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO = 25.80


3470 ENCROACHMENT STATIONS=     4982.0    5080.0  TYPE=      1  TARGET=       98.000
   461.000      4.94    351.44       .00    351.44    351.45       .00       .00       .13 100000.00
     117.8        .0      31.0      86.8        .0      55.8     170.4     469.5     214.7    349.60
      3.29       .00       .56       .51      .000      .035      .040      .000    346.50   4982.00
   .000066       10.       10.       10.         2         0         0       .00     98.00   5080.00


*SECNO 462.000

3301 HV CHANGED MORE THAN HVINS

3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS=     4988.6    5428.3  TYPE=      1  TARGET=    -4988.600
   462.000      3.48    351.68    351.68    351.68    352.46       .79       .18       .23    352.70
     154.2        .0     154.2        .0        .0      21.7        .0     471.2     215.5    352.20
      3.31       .00      7.12       .00      .000      .035      .000      .000    348.20   4991.43
   .017302      600.      600.      600.        20        16         0       .00     13.79   5005.22


CCHV=     .300 CEHV=     .500
*SECNO 464.000

3301 HV CHANGED MORE THAN HVINS


3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.93


3370 NORMAL BRIDGE, NRD=  31 MIN ELTRD=   349.60 MAX ELLC=   355.80


3470 ENCROACHMENT STATIONS=     4988.9    5262.2  TYPE=      1  TARGET=    -4988.900
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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST



3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       354.70 ELREA=       355.80

        D/S FACE HILLWOOD LANE - SEMI-CIRCLE ARCH CULVERT
   464.000      4.20    354.20       .00    354.20    354.42       .22      1.79       .17    354.70
     188.1        .0     188.1        .0        .0      50.0        .0     471.3     215.5    355.80
      3.33       .00      3.76       .00      .000      .035      .000      .000    350.00   4988.91
   .006898      180.      180.      180.         3         0         0    -42.74     22.16   5011.07


*SECNO 470.000

3370 NORMAL BRIDGE, NRD=  31 MIN ELTRD=   349.60 MAX ELLC=   355.80


3470 ENCROACHMENT STATIONS=     4944.1    5050.3  TYPE=      1  TARGET=      106.200

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       354.70 ELREA=       355.80

        U/S FACE HILLWOOD LANE - SEMI-CIRCLE ARCH CULVERT
   470.000      4.42    354.42       .00    354.42    354.64       .22       .22       .00    354.70
     188.1        .0     188.1        .0        .0      50.0        .0     471.4     215.6    355.80
      3.33       .00      3.76       .00      .000      .035      .000      .000    350.00   4988.91
   .006898       32.       32.       32.         2         0         0    -47.64     22.17   5011.08


*SECNO 472.000

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  6.98


3470 ENCROACHMENT STATIONS=     4889.6    5043.4  TYPE=      1  TARGET=      153.800
   472.000      6.80    354.80       .00    354.80    354.81       .01       .11       .06    353.10
     211.4     130.9      80.4        .0     200.4      74.8        .0     472.2     215.9    356.30
      3.41       .65      1.08       .00      .050      .035      .000      .000    348.00   4889.60
   .000179      230.      225.      210.         3         0         0       .00    126.80   5016.40
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CCHV=     .100 CEHV=     .300
*SECNO 474.000

3301 HV CHANGED MORE THAN HVINS

1
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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS=     4991.7    5004.6  TYPE=      1  TARGET=    -4991.700

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       357.50 ELREA=    100000.00

   474.000      1.87    356.47    356.47    356.47    357.10       .63       .16       .18    357.50
      78.6        .0      78.6        .0        .0      12.4        .0     473.9     216.7 100000.00
      3.43       .00      6.35       .00      .000      .035      .000      .000    354.60   4994.18
   .019212      510.      510.      510.        20        14         0       .00     10.02   5004.20


*SECNO 476.000

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  2.50


3470 ENCROACHMENT STATIONS=     4989.0    5037.8  TYPE=      1  TARGET=    -4989.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       362.40 ELREA=       361.60

   476.000      3.07    361.07       .00    361.07    361.23       .16      4.09       .05    362.40
      78.6        .0      78.6        .0        .0      24.1        .0     474.2     216.9    361.60
      3.49       .00      3.26       .00      .000      .035      .000      .000    358.00   4992.02
   .003086      650.      650.      650.        13         0         0       .00     13.01   5005.03


CCHV=     .300 CEHV=     .500
*SECNO 478.000
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3470 ENCROACHMENT STATIONS=     4996.1    5065.5  TYPE=      1  TARGET=    -4996.100

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       363.60 ELREA=       362.50

        D/S FACE CHRISTEPH RD. - TWIN PIPE CULVERT
   478.000      3.40    361.70       .00    361.70    361.84       .14       .59       .01    363.60
      78.6        .0      78.6        .0        .0      26.5        .0     474.3     217.0    362.50
      3.50       .00      2.97       .00      .000      .040      .000      .000    358.30   4996.14
   .002865      225.      200.      180.         3         0         0       .00      7.85   5003.98


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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST



SPECIAL CULVERT

SC  CUNO      CUNV      ENTLC     COFQ      RDLEN     RISE      SPAN      CULVLN    CHRT      SCL       ELCHU     ELCHD
     2          .013      .50      2.60       .00      3.00       .00     22.00      1         3       358.50    358.30

CHART  1 - CONCRETE PIPE CULVERT; NO BEVELED RING ENTRANCE
SCALE  3 - GROOVE END ENTRANCE, PIPE PROJECTING FROM FILL

*SECNO 480.000

SPECIAL CULVERT OUTLET CONTROL
EGIC =    361.581  EGOC =    362.497  PCWSE=    361.700  ELTRD=    363.500

SPECIAL CULVERT

     EGIC      EGOC        H4     QWEIR     QCULV       VCH     ACULV     ELTRD    WEIRLN
    361.58    362.50       .66        0.       79.     2.529      14.1    363.50        0.



3470 ENCROACHMENT STATIONS=     4741.8    5009.8  TYPE=      1  TARGET=      268.000
 ELENCL=    367.10  ELENCR=    364.10
        U/S FACE CHRISTEPH RD. - TWIN PIPE CULVERT
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   480.000      3.90    362.40       .00    362.40    362.50       .10       .66       .00    361.50
      78.6        .8      77.2        .7       1.1      30.5        .9     474.3     217.0    361.50
      3.51       .74      2.53       .73      .045      .040      .045      .000    358.50   4993.70
   .001594       22.       22.       22.         2         0         0       .00     12.30   5006.01


 *SECNO 480.300

 3301 HV CHANGED MORE THAN HVINS


 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .15


 3370 NORMAL BRIDGE, NRD=  10 MIN ELTRD=   366.50 MAX ELLC=   366.50


 3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       366.50 ELREA=       366.50

        TRANSITION STRUCTURE, IMPROVEMENT CHANNEL TO EXISTING CHANNEL
   480.300      4.35    363.35    361.77    363.35    364.46      1.11      1.46       .51    366.50
      78.6        .0      78.6        .0        .0       9.3        .0     474.5     217.1    366.50
      3.52       .00      8.45       .00      .000      .040      .000      .000    359.00   4990.63
   .074358      300.      300.      300.         4        18         0    -11.16     13.34   5003.97


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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 *SECNO 480.700

 3370 NORMAL BRIDGE, NRD=  10 MIN ELTRD=   366.50 MAX ELLC=   366.50


 3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       366.50 ELREA=       366.50

   480.700      6.58    365.58    361.77    365.58    366.69      1.11      2.23       .00    366.50
      78.6        .0      78.6        .0        .0       9.3        .0     474.5     217.1    366.50
      3.52       .00      8.45       .00      .000      .040      .000      .000    359.00   4980.27
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   .074358       30.       30.       30.         4        18         0    -59.59     30.09   5010.36


 CCHV=     .100 CEHV=     .300
 *SECNO 481.000
 3280 CROSS SECTION    481.00 EXTENDED       .30 FEET


 3301 HV CHANGED MORE THAN HVINS


 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO = *****


 3470 ENCROACHMENT STATIONS=     4915.0    5045.0  TYPE=      1  TARGET=    -4915.000

 3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       416.50 ELREA=       366.50

   481.000      8.81    366.80       .00    366.80    366.80       .00       .00       .11    416.50
      78.9        .0      78.7        .1        .0     317.6       3.6     474.5     217.1    366.50
      3.53       .00       .25       .03      .000      .040      .045      .000    357.99   4970.00
   .000006       10.       10.       10.         2         0         0       .00     75.00   5045.00


 *SECNO 482.000

 3470 ENCROACHMENT STATIONS=     4940.0    5035.6  TYPE=      1  TARGET=       95.600
   482.000      8.10    366.80       .00    366.80    366.80       .00       .00       .00    366.70
     100.0      12.5      87.5        .0      70.9     270.3        .1     476.0     217.5    366.70
      3.71       .18       .32       .00      .045      .040      .000      .000    358.70   4940.00
   .000011      200.      200.      200.         2         0         0       .00     91.26   5031.26


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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 CCHV=     .200 CEHV=     .400
 *SECNO 484.000
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3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.64


3470 ENCROACHMENT STATIONS=     4989.0    5010.6  TYPE=      1  TARGET=       21.600

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       364.20 ELREA=    100000.00

        D/S FACE LLAGAS RD. - DOUBLE BOX CULVERT - (one box open at this time)
   484.000      7.60    366.80       .00    366.80    366.80       .01       .00       .00    364.20
     100.0        .0     100.0        .0        .9     156.6        .0     476.6     217.6 100000.00
      3.75       .03       .64       .00      .045      .013      .000      .000    359.20   4989.19
   .000004      100.      100.      100.         2         0         0       .00     21.37   5010.56



SPECIAL CULVERT

SC  CUNO      CUNV      ENTLC     COFQ      RDLEN     RISE      SPAN      CULVLN    CHRT      SCL       ELCHU     ELCHD
     1          .013      .20      3.00     30.00      2.70      2.70    130.00      9         1       361.40    359.20

CHART  9 - BOX CULVERT WITH FLARED WINGWALL AND INLET TOP EDGE BEVEL
SCALE  1 - WINGWALL FLARED 45 DEGREES; INLET TOP EDGE = 0.043D

5130, EGIC=  415.87..MAY BE TOO LARGE IF INLET CONTROLS.
5135, EGOC=  426.81 ..MAY BE TOO LARGE IF OUTLET CONTROLS.
*SECNO 490.000

SPECIAL CULVERT OUTLET CONTROL + WEIR FLOW EG =    371.68

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  2.36

SPECIAL CULVERT

     EGIC      EGOC        H4     QWEIR     QCULV       VCH     ACULV     ELTRD    WEIRLN
    415.87    426.81      4.87      213.       86.     1.214       7.3    369.90       30.



3470 ENCROACHMENT STATIONS=     4989.8    5010.7  TYPE=      1  TARGET=       20.900
        U/S FACE LLAGAS RD. - AT THIS TIME THIS BRIDGE ACTS AS AN OBSTRUCTION
   490.000     11.95    371.65       .00    371.65    371.68       .02      4.87       .00    363.70
     300.0        .0     300.0        .0        .5     247.0        .4     477.1     217.6    363.70
      3.78       .01      1.21       .01      .045      .013      .045      .000    359.70   4989.80
   .000006      100.      100.      100.         2         0         0       .00     20.90   5010.70
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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 *SECNO 491.000

 3301 HV CHANGED MORE THAN HVINS

 3685 20 TRIALS ATTEMPTED WSEL,CWSEL
 3720 CRITICAL DEPTH ASSUMED

 3470 ENCROACHMENT STATIONS=     4986.9    5031.0  TYPE=      1  TARGET=       44.100

 3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       369.40 ELREA=    100000.00

    491.000      2.44    364.74    364.74    364.74    365.61       .86       .00       .34    369.40
      400.0        .0     400.0        .0        .0      53.6        .0     477.1     217.7 100000.00
       3.78       .00      7.46       .00      .000      .013      .000      .000    362.30   4990.11
    .002214       10.       10.       10.        20        21         0       .00     31.68   5021.79


 CCHV=     .100 CEHV=     .300
 *SECNO 492.000

 3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.55


 3470 ENCROACHMENT STATIONS=     4969.0    5031.0  TYPE=      1  TARGET=       62.000

 3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       366.30 ELREA=    100000.00

    492.000      3.00    365.30       .00    365.30    365.78       .48       .14       .04    366.30
      400.0        .0     400.0        .0        .0      71.9        .0     477.2     217.7 100000.00
       3.78       .00      5.57       .00      .000      .013      .000      .000    362.30   4989.00
    .000917      130.      100.       90.         5         0         0       .00     33.81   5022.81


 *SECNO 494.000
 3685 20 TRIALS ATTEMPTED WSEL,CWSEL
 3693 PROBABLE MINIMUM SPECIFIC ENERGY
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 3720 CRITICAL DEPTH ASSUMED

 3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=       370.80 ELREA=       371.10

    494.000      2.44    366.24    366.24    366.24    367.11       .86       .62       .11    370.80
      400.0        .0     400.0        .0        .0      53.6        .0     477.9     218.1    371.10
       3.80       .00      7.46       .00      .000      .013      .000      .000    363.80   4990.11
    .002214      455.      455.      455.        20        15         0       .00     31.64   5021.75


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     SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
     Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
     TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
     SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 *SECNO 496.000
 3685 20 TRIALS ATTEMPTED WSEL,CWSEL
 3693 PROBABLE MINIMUM SPECIFIC ENERGY
 3720 CRITICAL DEPTH ASSUMED
    496.000      1.94    377.34    377.34    377.34    377.97       .64      1.64       .02    378.50
      400.0        .0     400.0        .0        .0      62.5        .0     478.9     218.7    379.00
       3.83       .00      6.40       .00      .000      .013      .000      .000    375.40   4976.64
    .002349      700.      720.      700.        20        15         0       .00     50.04   5026.68


 *SECNO 498.000

 3265 DIVIDED FLOW

 3685 20 TRIALS ATTEMPTED WSEL,CWSEL
 3693 PROBABLE MINIMUM SPECIFIC ENERGY
 3720 CRITICAL DEPTH ASSUMED
    498.000      1.76    383.76    383.76    383.76    384.20       .44      1.24       .02    384.80
      400.0       5.1     394.9        .0       5.0      73.4        .0     479.7     219.6    384.00
       3.86      1.02      5.38       .00      .045      .013      .000      .000    382.00   4737.60
    .002631      450.      500.      450.        20        15         0       .00     93.91   5061.55


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TNLEFT BANK SPILL BTWN SEC 484 AND 482

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
.0	.01	.00	.00	100.0	.1

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
.00	.00	.00	.00	.00	.00	61	366.801	366.798	482.000	484.000

TNLEFT BANK SPILL BTWN SEC 482 AND 481

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
30.0	.70	.30	.15	200.0	200.0

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
21.13	21.06	.36	21.13	21.06	.36	61	366.799	366.801	481.000	482.000

TNLEFT BANK SPILL BTWN SEC 481 AND 480.7

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
.4	.70	.30	.15	10.0	2.5

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
.26	.26	.23	21.39	21.32	.35	61	365.580	366.799	480.700	481.000

TNLEFT BANK SPILL BTWN SEC 480.7 AND 480.3

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
.0	.00	.00	.00	40.0	.0

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
.00	.00	.00	21.39	21.32	.35	61	363.349	365.580	480.300	480.700

1

TNLEFT BANK SPILL BTWN SEC 480.3 AND 480

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
.0	.00	.00	.00	300.0	.0

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
.00	.00	.00	21.39	21.32	.35	61	362.399	363.349	480.000	480.300

TW LEFT BANK SPILL BTWN SEC 476 AND 478

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
.00	.00	.00	21.39	21.32	.35	61	361.069	361.700	476.000	478.000

TW LEFT BANK SPILL BTWN SEC 474 AND 476

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
.00	.00	.00	21.39	21.32	.35	61	356.474	361.069	474.000	476.000

TNLEFT BANK SPILL BTWN SEC 472 AND 474

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
107.8	1.75	.90	.45	510.0	238.7

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
188.64	188.53	.06	210.03	209.85	.09	61	354.803	356.474	472.000	474.000

TNLEFT BANK SPILL BTWN SEC 470 AND 472

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
9.2	2.53	.90	.45	200.0	20.3

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
23.27	23.25	.07	233.30	233.10	.09	61	354.421	354.803	470.000	472.000

1

TNLEFT BANK SPILL BTWN SEC 464 AND 470

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
.0	.00	.00	.00	32.0	.0

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
.00	.00	.00	233.30	233.10	.09	61	354.200	354.421	464.000	470.000

TNLEFT BANK SPILL BTWN SEC 462 AND 464

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
21.0	1.62	.48	.24	180.0	88.0

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
33.87	34.05	.53	267.17	267.15	.01	61	351.678	354.200	462.000	464.000

TNLEFT BANK SPILL BTWN SEC 461 AND 462

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
26.6	1.38	.38	.19	200.0	140.8

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
36.39	36.86	1.30	303.56	304.02	.15	61	351.441	351.678	461.000	462.000

TC RATING CURVE AT MONTEREY HIGHWAY D/S OF WATSONVILLE ROAD (over Monterey)

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
1053.94	1535.46	37.19	1357.50	1839.48	30.15	61	319.753	319.753	282.000	282.000

TC RATING CURVE AT MONTEREY HIGHWAY D/S/ OF WATSONVILLE ROAD (To Llagas)

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
68.93	118.17	52.63	1426.43	1957.65	31.39	61	319.753	319.753	282.000	282.000

TN RIGHT BANK FLOW BTWN SEC. 262. AND 264.

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
786.0	2.18	2.05	1.31	600.0	600.0

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
1367.18	1712.77	22.44	2793.61	3670.42	27.13	61	315.650	315.670	262.000	264.000

TN RIGHT BANK FLOW BTWN SEC. 260 AND 262

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
26.9	1.85	2.05	1.02	40.0	26.2

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
40.00	49.60	21.42	2833.61	3720.02	27.05	61	315.221	315.650	260.000	262.000

TN RIGHT BANK FLOW BTWN SEC. 252. AND 254.

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
.0	.00	.00	.00	300.0	.0

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
.00	.00	.00	2833.61	3720.02	27.05	61	310.329	311.209	252.000	254.000

TN RIGHT BANK FLOW BTWN SEC. 250 AND 252.

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
42.3	.84	.64	.32	350.0	131.4

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
32.88	35.39	7.36	2866.49	3755.41	26.85	61	310.244	310.329	250.000	252.000

1

TN RIGHT BANK FLOW BTWN SEC. 222. AND 230.

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
.0	.00	.00	.00	435.0	.0

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
.00	.00	.00	2866.49	3755.41	26.85	61	307.138	307.751	222.000	230.000

TN RIGHT BANK FLOW BTWN SEC. 220. AND 222.

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
75.7	.49	.46	.23	580.0	325.9

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
35.27	36.83	4.32	2901.77	3792.24	26.61	61	306.765	307.138	220.000	222.000

TN RIGHT BANK FLOW BTWN SEC. 212. AND 220.

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
12.2	.53	.46	.23	100.0	52.6

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
6.11	6.42	4.92	2907.88	3798.66	26.56	61	306.081	306.765	212.000	220.000

TN RIGHT BANK FLOW BTWN SEC. 21O. AND 212.

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
.0	.00	.00	.00	230.0	.0

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
.00	.00	.00	2907.88	3798.66	26.56	61	305.677	306.081	210.000	212.000

1

TN RIGHT BANK FLOW BTWN SEC. 206. AND 210.

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH

12.2	.45	.35	.18	230.0	69.2

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
4.89	5.56	12.83	2912.77	3804.22	26.54	61	305.354	305.677	206.000	210.000

TN RIGHT BANK FLOW BTWN SEC. 204. AND 206.

TOTAL AREA	AVG VELOCITY	MAX DEPTH	AVG DEPTH	TOF WIDTH	TOP WIDTH
262.0	2.41	1.28	.82	320.0	320.0

ASQ	QCOMP	ERRAC	TASQ	TCQ	TABER	NITER	DSWS	USWS	DSSNO	USSNO
610.81	631.57	3.34	3523.57	4435.79	22.92	61	305.283	305.354	204.000	206.000

1

THIS RUN EXECUTED 06MAY14 09:06:00

****
HEC-2 WATER SURFACE PROFILES

Version 4.6.2; May 1991
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

WEST LITTLE LLAGAS

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10*KS	VCH	AREA	.01K
198.000	.00	.00	.00	296.10	1079.93	304.96	.00	305.16	4.93	3.57	302.43	486.23
200.000	300.00	304.10	302.80	296.90	1079.93	304.94	.00	305.18	6.52	3.93	274.55	422.78

*	202.000	63.60	.00	.00	297.30	1079.93	305.22	.00	305.26	1.57	1.79	716.43	862.01
	204.000	223.50	.00	.00	298.80	1079.93	305.28	.00	305.29	1.07	1.36	1456.52	1041.95
	206.000	365.40	.00	.00	299.50	1690.73	305.35	.00	305.38	3.90	1.83	1571.80	856.61
*	208.000	333.00	304.00	304.30	300.90	1690.73	305.62	.00	305.71	48.03	2.33	692.38	243.97
	210.000	10.00	304.00	304.30	300.90	1695.62	305.68	.00	305.76	39.76	2.15	738.78	268.90
*	212.000	164.90	.00	.00	300.90	1695.62	306.08	.00	306.14	13.69	3.58	1028.29	458.20
	214.000	63.00	.00	.00	301.20	1695.62	306.18	.00	306.25	26.94	4.14	921.85	326.66
*	220.000	25.00	305.60	305.60	301.10	1701.73	306.76	306.76	306.99	180.42	6.34	495.15	126.69
	220.200	1.00	305.60	305.60	301.10	1701.73	306.78	.00	307.02	182.97	6.39	489.43	125.80
*	222.000	53.70	.00	.00	301.60	1737.01	307.14	.00	307.18	7.20	3.05	1415.57	647.32
*	230.000	372.00	307.00	306.10	302.10	1737.01	307.75	.00	307.81	64.22	3.59	989.30	216.76
*	240.000	138.70	305.50	304.00	302.50	1737.01	308.00	.00	308.01	5.77	1.19	1648.78	722.83
	242.000	350.00	.00	.00	303.10	1737.01	308.17	.00	308.20	4.59	2.39	1517.47	810.46
*	244.000	304.70	.00	.00	303.60	1737.01	308.35	.00	308.44	13.59	3.82	934.86	471.22
*	246.000	379.40	.00	.00	304.50	1737.01	309.27	309.27	309.73	109.84	7.55	586.95	165.74

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10*KS	VCH	AREA	.01K
*	248.000	55.00	307.10	306.70	304.90	1737.01	310.19	.00	310.25	51.98	2.99	880.60	240.94
*	250.000	20.00	307.10	306.70	304.90	1737.01	310.24	.00	310.31	16.55	1.95	877.40	427.00
	252.000	65.30	.00	.00	305.80	1769.89	310.33	.00	310.40	11.49	3.44	922.55	522.09
*	254.000	463.30	.00	.00	307.10	1769.89	311.21	.00	311.75	108.68	8.59	352.84	169.77
	256.000	586.90	.00	.00	307.70	459.89	314.55	.00	314.71	9.88	3.48	154.35	146.33
*	258.000	73.60	.00	.00	307.70	459.89	314.53	.00	314.94	21.44	5.14	89.48	99.31
	260.000	16.00	316.30	313.30	307.90	459.89	315.22	.00	315.55	15.34	4.67	102.61	117.43
*	262.000	60.00	.00	.00	308.10	499.89	315.65	.00	315.66	.48	.84	723.08	718.04
*	264.000	422.70	.00	.00	308.60	1867.07	315.67	.00	315.67	.39	.71	3669.48	2972.23
	266.000	337.50	.00	.00	309.40	1867.07	315.68	.00	315.69	.32	.55	3855.41	3323.53
*	268.000	440.80	.00	.00	309.70	1867.07	315.70	.00	315.71	1.20	1.14	2286.38	1703.88
*	270.000	637.00	.00	.00	310.00	1867.07	315.83	.00	315.88	8.11	2.87	1127.65	655.63
	272.000	467.10	.00	.00	310.20	813.13	316.13	.00	316.15	2.98	1.67	891.56	470.94
*	274.000	476.80	.00	.00	310.70	813.13	316.34	.00	316.38	8.17	2.53	560.89	

284.48

*	276.000	524.80	.00	.00	310.90	813.13	316.90	.00	317.27	36.39	5.46	196.41	134.80
	278.000	91.70	.00	.00	311.00	813.13	317.22	.00	317.55	23.87	4.98	210.58	166.43
*	280.000	65.00	319.80	315.20	311.20	813.13	319.86	.00	319.90	2.22	1.90	631.61	545.30
*	282.000	50.20	.00	.00	311.20	1936.00	319.75	.00	320.12	35.57	5.73	517.20	324.59
	284.000	130.00	317.60	315.70	311.20	1936.00	320.53	.00	320.64	30.05	4.31	848.52	353.16
	290.000	30.00	317.60	315.70	311.20	1936.00	320.62	.00	320.73	26.57	4.09	884.65	375.62
*	292.000	300.00	.00	.00	311.20	1936.00	320.79	.00	320.79	.33	.71	3634.03	3357.04
*	294.000	462.10	.00	.00	311.20	1936.00	320.81	.00	320.82	1.56	1.60	2088.47	1551.47
*	296.000	510.00	.00	.00	311.40	1936.00	320.90	.00	320.94	3.34	2.20	1554.09	1058.91
*	298.000	383.50	.00	.00	311.50	1936.00	320.99	.00	321.02	1.54	1.76	1653.56	1558.99
*	300.000	390.10	.00	.00	312.50	1936.00	321.03	.00	321.17	7.53	3.16	769.70	705.62
	302.000	360.00	.00	.00	312.90	1936.00	321.27	.00	321.44	6.93	3.30	587.46	735.30

1

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10*KS	VCH	AREA	.01K
304.000	50.00	.00	.00	313.10	1936.00	321.25	.00	321.51	5.67	4.07	480.52	

812.72

	310.000	60.00	321.50	322.60	313.70	1936.00	321.33	.00	321.62	7.01	4.36	444.48	731.16
	312.000	34.00	.00	.00	313.70	1936.00	321.38	.00	321.65	6.97	4.19	462.53	733.55
*	314.000	241.90	.00	.00	314.90	1936.00	321.38	.00	322.07	27.32	7.81	354.62	370.41
	316.000	395.00	.00	.00	315.30	1444.00	322.44	.00	322.79	10.54	4.69	308.03	444.81
	318.000	50.00	.00	.00	315.40	1444.00	322.56	.00	322.85	7.81	4.31	335.28	516.68
	320.000	70.00	323.90	325.60	315.60	1444.00	322.54	.00	322.85	8.56	4.44	325.26	493.50
	322.000	60.00	.00	.00	315.80	1444.00	322.70	.00	322.92	6.41	3.77	383.11	570.45
	324.000	525.00	.00	.00	316.50	1444.00	323.14	.00	323.28	7.11	3.12	506.36	541.62
*	326.000	255.00	.00	.00	316.60	1269.00	323.25	.00	323.58	14.79	4.66	272.28	329.95
*	328.000	71.20	.00	.00	315.30	1269.00	323.51	.00	323.68	3.89	3.35	428.26	643.09
*	330.000	80.00	325.50	327.20	317.90	1269.00	323.70	.00	324.09	13.09	4.96	255.95	350.80
	332.000	60.00	.00	.00	317.90	1269.00	323.79	.00	324.17	16.36	4.98	264.16	313.72
*	334.000	432.00	.00	.00	318.50	1269.00	325.67	325.67	326.45	34.95	8.10	310.47	214.65
*	336.000	358.90	.00	.00	321.30	1269.00	327.31	327.31	328.68	55.90	10.03	185.91	169.72
*	338.000	83.60	.00	.00	322.00	1269.00	328.64	.00	329.17	16.86	5.88	275.82	309.03

	340.000	45.00	328.00	327.50	322.30	1269.00	328.84	.00	329.17	12.41	5.06	515.80	360.18
*	342.000	65.00	.00	.00	322.50	1269.00	329.13	.00	329.28	6.14	3.38	544.16	512.28
*	344.000	571.50	.00	.00	322.30	1269.00	329.59	.00	330.06	24.36	7.05	384.63	257.12
*	348.000	25.00	327.40	327.55	322.80	1269.00	329.67	329.67	330.51	172.45	9.11	231.46	96.63
*	350.000	12.00	327.40	327.55	322.80	1269.00	330.40	.00	330.77	68.01	6.16	331.42	153.88
*	352.000	380.00	.00	.00	323.50	1269.00	331.04	.00	331.16	3.03	2.84	483.45	728.47
*	354.000	25.00	330.60	330.60	319.40	1269.00	331.02	.00	331.22	42.37	2.72	360.52	194.96
	360.000	60.00	331.30	330.60	321.50	1269.00	331.21	.00	331.50	37.03	3.74	294.60	208.54
*	362.000	40.00	.00	.00	319.70	1269.00	331.57	.00	331.60	1.25	1.54	1210.20	1133.84
*	364.000	725.00	.00	.00	326.50	1094.00	332.39	332.39	333.01	109.65	8.77	405.36	104.48

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10*KS	VCH	AREA	.01K
	366.000	445.40	.00	.00	327.30	1094.00	335.75	334.27	336.62	59.92	7.67	236.50	141.33
*	368.000	50.00	.00	.00	327.40	1094.00	336.05	336.05	337.25	85.37	10.59	299.77	118.41
*	370.000	54.00	334.00	334.30	328.30	1094.00	337.14	337.14	338.08	190.32	10.01	302.06	79.30

*	370.200	1.00	.00	.00	328.30	1094.00	338.13	.00	338.18	7.56	2.61	927.29	397.78
*	372.000	70.00	.00	.00	328.90	1094.00	338.18	.00	338.20	1.10	1.30	1635.47	1041.21
*	374.000	624.80	.00	.00	330.80	1094.00	338.26	.00	338.40	17.63	4.22	498.57	260.59
	376.000	24.80	.00	.00	330.80	1094.00	338.45	.00	338.48	9.12	2.27	1054.30	362.22
*	380.000	610.00	339.20	338.90	333.90	1094.00	340.01	340.01	340.47	160.84	8.31	363.19	86.26
*	382.000	95.00	.00	.00	334.10	1094.00	340.81	.00	341.04	28.36	5.34	412.96	205.43
*	384.000	305.00	.00	.00	334.30	980.00	342.01	.00	342.45	77.99	7.43	470.42	110.97
	390.000	59.00	340.00	339.60	334.50	980.00	342.86	.00	342.96	61.51	4.25	821.90	124.96
*	390.200	1.00	.00	.00	334.50	980.00	342.88	.00	342.96	18.55	3.89	921.45	227.53
*	392.000	160.00	.00	.00	335.10	900.00	343.06	.00	343.07	2.30	.60	1399.07	593.80
	394.000	290.00	341.30	339.80	335.80	900.00	345.04	.00	345.05	2.23	1.40	2100.92	603.04
*	402.000	350.00	342.80	342.00	337.00	840.00	345.20	.00	345.28	43.59	3.61	764.21	127.24
*	410.000	13.50	.00	.00	337.00	840.00	345.29	.00	345.32	7.51	2.45	1052.63	306.47
*	411.000	130.00	.00	.00	337.50	840.00	345.34	.00	345.37	2.01	1.56	1263.33	593.04
*	412.000	230.00	.00	.00	337.60	700.00	345.42	.00	345.45	9.04	2.49	866.80	232.76

*	420.000	1.00	344.50	343.50	339.00	700.00	345.36	.00	345.51	162.93	5.00	387.96	54.84
*	420.200	1.00	.00	.00	339.00	700.00	345.51	.00	345.55	14.53	2.79	811.45	183.64
	422.000	250.00	.00	.00	339.70	650.00	345.86	.00	345.90	13.27	2.71	715.37	178.44
*	430.000	40.00	344.00	344.30	339.80	650.00	345.94	.00	346.00	49.19	2.99	471.12	92.68
*	430.200	1.00	.00	.00	339.80	650.00	345.94	.00	346.01	20.14	3.36	573.07	144.83
	434.000	680.00	.00	.00	340.70	500.00	347.14	.00	347.32	16.68	3.59	243.26	122.43
	436.000	63.00	.00	.00	341.10	500.00	347.16	.00	347.57	26.01	6.17	223.35	98.05
*	440.000	69.00	345.30	346.20	341.20	500.00	347.26	345.76	348.17	139.60	8.41	159.78	42.32

1

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10*KS	VCH	AREA	.01K
*	440.200	1.00	.00	.00	341.20	500.00	348.39	.00	348.43	3.24	2.45	765.58	277.59
	442.000	65.00	.00	.00	341.30	500.00	348.41	.00	348.46	2.95	2.37	708.65	291.12
	444.000	420.00	.00	.00	341.80	500.00	348.54	.00	348.58	2.91	2.18	677.96	292.91
*	446.000	430.00	.00	.00	342.20	500.00	348.61	.00	348.91	17.47	4.80	275.48	119.64
	448.000	475.00	.00	.00	342.90	500.00	349.48	.00	349.88	22.71	5.14	133.88	104.93

*	449.000	500.00	.00	.00	343.30	217.83	350.14	.00	350.17	1.00	1.35	160.98	217.68
*	450.000	20.00	350.20	351.50	343.30	117.83	350.03	.00	350.22	39.52	3.52	33.51	18.74
*	460.000	80.00	349.40	349.00	346.50	117.83	349.98	349.00	351.31	440.17	9.24	12.75	5.62
*	461.000	10.00	.00	.00	346.50	117.83	351.44	.00	351.45	.66	.56	226.19	144.89
*	462.000	600.00	.00	.00	348.20	154.22	351.68	351.68	352.46	173.02	7.12	21.67	11.72
*	464.000	180.00	349.60	355.80	350.00	188.09	354.20	.00	354.42	68.98	3.76	50.00	22.65
	470.000	32.00	349.60	355.80	350.00	188.09	354.42	.00	354.64	68.98	3.76	50.00	22.65
*	472.000	225.00	.00	.00	348.00	211.36	354.80	.00	354.81	1.79	1.08	275.21	158.03
*	474.000	510.00	.00	.00	354.60	78.61	356.47	356.47	357.10	192.12	6.35	12.39	5.67
*	476.000	650.00	.00	.00	358.00	78.61	361.07	.00	361.23	30.86	3.26	24.12	14.15
	478.000	200.00	.00	.00	358.30	78.61	361.70	.00	361.84	28.65	2.97	26.48	14.69
	480.000	22.00	363.50	361.50	358.50	78.61	362.40	.00	362.50	15.94	2.53	32.49	19.69
*	480.300	300.00	366.50	366.50	359.00	78.61	363.35	361.77	364.46	743.58	8.45	9.30	2.88
	480.700	30.00	366.50	366.50	359.00	78.61	365.58	361.77	366.69	743.58	8.45	9.30	2.88
*	481.000	10.00	.00	.00	357.99	78.87	366.80	.00	366.80	.06	.25	321.16	334.39
	482.000	200.00	.00	.00	358.70	100.00	366.80	.00	366.80	.11	.32	341.30	

308.22

*	484.000	100.00	.00	.00	359.20	100.00	366.80	.00	366.80	.04	.64	157.55	504.74
*	490.000	100.00	369.90	364.10	359.70	300.00	371.65	.00	371.68	.06	1.21	247.96	1191.57
*	491.000	10.00	.00	.00	362.30	400.00	364.74	364.74	365.61	22.14	7.46	53.63	85.01
*	492.000	100.00	.00	.00	362.30	400.00	365.30	.00	365.78	9.17	5.57	71.86	132.06
*	494.000	455.00	.00	.00	363.80	400.00	366.24	366.24	367.11	22.14	7.46	53.61	85.02

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10*KS	VCH	AREA	.01K
* 496.000	720.00	.00	.00	375.40	400.00	377.34	377.34	377.97	23.49	6.40	62.47	82.54
* 498.000	500.00	.00	.00	382.00	400.00	383.76	383.76	384.20	26.31	5.38	78.42	77.98

WEST LITTLE LLAGAS

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
198.000	1079.93	304.96	.00	.00	.00	34.20	.00
200.000	1079.93	304.94	.00	-.02	.00	34.20	300.00
* 202.000	1079.93	305.22	.00	.27	.01	160.00	63.60

	204.000	1079.93	305.28	.00	.06	.02	610.00	223.50
	206.000	1690.73	305.35	.00	.07	.02	990.00	365.40
*	208.000	1690.73	305.62	.00	.27	.02	825.00	333.00
	210.000	1695.62	305.68	.00	.06	.01	825.00	10.00
*	212.000	1695.62	306.08	.00	.40	.01	935.00	164.90
	214.000	1695.62	306.18	.00	.10	.01	905.00	63.00
*	220.000	1701.73	306.76	.00	.58	.01	865.00	25.00
	220.200	1701.73	306.78	.00	.02	.01	860.00	1.00
*	222.000	1737.01	307.14	.00	.36	.01	960.00	53.70
*	230.000	1737.01	307.75	.00	.61	.01	1150.00	372.00
*	240.000	1737.01	308.00	.00	.25	.01	1080.00	138.70
	242.000	1737.01	308.17	.00	.17	.01	900.00	350.00
*	244.000	1737.01	308.35	.00	.18	.02	687.51	304.70
*	246.000	1737.01	309.27	.00	.92	.01	560.00	379.40
*	248.000	1737.01	310.19	.00	.92	.02	530.00	55.00
*	250.000	1737.01	310.24	.00	.06	.02	500.00	20.00
	252.000	1769.89	310.33	.00	.09	.02	465.00	65.30
*	254.000	1769.89	311.21	.00	.88	.02	278.99	463.30
	256.000	459.89	314.55	.00	3.34	.05	35.00	586.90
*	258.000	459.89	314.53	.00	-.02	.04	13.16	73.60
	260.000	459.89	315.22	.00	.69	.14	16.60	16.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	262.000	499.89	315.65	.00	.43	.17	135.00	60.00
*	264.000	1867.07	315.67	.00	.02	.17	975.00	422.70
	266.000	1867.07	315.68	.00	.01	.17	933.57	337.50
*	268.000	1867.07	315.70	.00	.02	.16	755.73	440.80
*	270.000	1867.07	315.83	.00	.13	.14	554.73	637.00
	272.000	813.13	316.13	.00	.31	.10	498.47	467.10
*	274.000	813.13	316.34	.00	.20	.09	364.49	476.80
*	276.000	813.13	316.90	.00	.56	.09	95.00	524.80
	278.000	813.13	317.22	.00	.33	.10	88.12	91.70
*	280.000	813.13	319.86	.00	2.64	.46	223.24	65.00
*	282.000	1936.00	319.75	.00	-.11	.52	184.45	50.20
	284.000	1936.00	320.53	.00	.77	.16	356.50	130.00
	290.000	1936.00	320.62	.00	.10	.13	356.50	30.00
*	292.000	1936.00	320.79	.00	.16	.11	910.00	300.00
*	294.000	1936.00	320.81	.00	.02	.11	825.24	462.10
*	296.000	1936.00	320.90	.00	.10	.10	660.00	510.00
*	298.000	1936.00	320.99	.00	.08	.09	470.00	383.50
*	300.000	1936.00	321.03	.00	.04	.08	270.00	390.10
	302.000	1936.00	321.27	.00	.24	.07	90.00	360.00
	304.000	1936.00	321.25	.00	-.01	.07	124.76	50.00
	310.000	1936.00	321.33	.00	.07	.05	58.38	60.00
	312.000	1936.00	321.38	.00	.05	.05	76.83	34.00

*	314.000	1936.00	321.38	.00	.00	.06	117.49	241.90
	316.000	1444.00	322.44	.00	1.06	.01	58.74	395.00
	318.000	1444.00	322.56	.00	.11	.01	46.97	50.00
	320.000	1444.00	322.54	.00	-.02	.01	46.94	70.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	322.000	1444.00	322.70	.00	.16	.01	70.57	60.00
	324.000	1444.00	323.14	.00	.44	.01	155.57	525.00
*	326.000	1269.00	323.25	.00	.10	.01	68.89	255.00
*	328.000	1269.00	323.51	.00	.27	.00	90.00	71.20
*	330.000	1269.00	323.70	.00	.19	.01	44.15	80.00
	332.000	1269.00	323.79	.00	.09	.01	95.48	60.00
*	334.000	1269.00	325.67	.00	1.88	.00	203.19	432.00
*	336.000	1269.00	327.31	.00	1.64	.00	79.12	358.90
*	338.000	1269.00	328.64	.00	1.33	.00	155.79	83.60
	340.000	1269.00	328.84	.00	.19	.00	250.00	45.00
*	342.000	1269.00	329.13	.00	.29	.00	237.57	65.00
*	344.000	1269.00	329.59	.00	.46	.00	135.00	571.50
*	348.000	1269.00	329.67	.00	.08	.00	122.62	25.00
*	350.000	1269.00	330.40	.00	.73	.00	202.43	12.00
*	352.000	1269.00	331.04	.00	.64	.00	114.50	380.00
*	354.000	1269.00	331.02	.00	-.02	.00	202.12	25.00

	360.000	1269.00	331.21	.00	.20	.00	316.96	60.00
*	362.000	1269.00	331.57	.00	.36	.00	484.67	40.00
*	364.000	1094.00	332.39	.00	.82	.00	281.50	725.00
	366.000	1094.00	335.75	.00	3.36	.00	180.00	445.40
*	368.000	1094.00	336.05	.00	.30	.00	130.00	50.00
*	370.000	1094.00	337.14	.00	1.08	.00	160.00	54.00
*	370.200	1094.00	338.13	.00	.99	.00	345.00	1.00
*	372.000	1094.00	338.18	.00	.05	.00	490.00	70.00
*	374.000	1094.00	338.26	.00	.08	.00	316.41	624.80
	376.000	1094.00	338.45	.00	.19	.00	533.37	24.80

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	380.000	1094.00	340.01	.00	1.56	.00	370.98	610.00
*	382.000	1094.00	340.81	.00	.80	.00	363.71	95.00
*	384.000	980.00	342.01	.00	1.20	.00	364.90	305.00
	390.000	980.00	342.86	.00	.85	.00	444.21	59.00
*	390.200	980.00	342.88	.00	.02	.00	444.38	1.00
*	392.000	900.00	343.06	.00	.19	.00	718.92	160.00
	394.000	900.00	345.04	.00	1.97	.00	700.16	290.00
*	402.000	840.00	345.20	.00	.16	.00	587.55	350.00
*	410.000	840.00	345.29	.00	.08	.00	588.51	13.50
*	411.000	840.00	345.34	.00	.06	.00	554.66	130.00

*	412.000	700.00	345.42	.00	.07	.00	472.00	230.00
*	420.000	700.00	345.36	.00	-.06	.00	475.99	1.00
*	420.200	700.00	345.51	.00	.15	.00	471.00	1.00
	422.000	650.00	345.86	.00	.35	.00	341.99	250.00
*	430.000	650.00	345.94	.00	.08	.00	310.74	40.00
*	430.200	650.00	345.94	.00	.00	.00	310.46	1.00
	434.000	500.00	347.14	.00	1.20	.00	202.95	680.00
	436.000	500.00	347.16	.00	.01	.00	242.90	63.00
*	440.000	500.00	347.26	.00	.10	.00	334.92	69.00
*	440.200	500.00	348.39	.00	1.13	.00	348.70	1.00
	442.000	500.00	348.41	.00	.01	.00	480.00	65.00
	444.000	500.00	348.54	.00	.13	.00	495.00	420.00
*	446.000	500.00	348.61	.00	.07	.00	357.39	430.00
	448.000	500.00	349.48	.00	.87	.00	154.33	475.00
*	449.000	217.83	350.14	.00	.66	.00	26.00	500.00
*	450.000	117.83	350.03	.00	-.11	.00	6.17	20.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	460.000	117.83	349.98	.00	-.05	.00	76.03	80.00
*	461.000	117.83	351.44	.00	1.46	.00	98.00	10.00
*	462.000	154.22	351.68	.00	.24	.00	13.79	600.00
*	464.000	188.09	354.20	.00	2.52	.00	22.16	180.00

	470.000	188.09	354.42	.00	.22	.00	22.17	32.00
*	472.000	211.36	354.80	.00	.38	.00	126.80	225.00
*	474.000	78.61	356.47	.00	1.67	.00	10.02	510.00
*	476.000	78.61	361.07	.00	4.60	.00	13.01	650.00
	478.000	78.61	361.70	.00	.63	.00	7.85	200.00
	480.000	78.61	362.40	.00	.70	.00	12.30	22.00
*	480.300	78.61	363.35	.00	.95	.00	13.34	300.00
	480.700	78.61	365.58	.00	2.23	.00	30.09	30.00
*	481.000	78.87	366.80	.00	1.22	.00	75.00	10.00
	482.000	100.00	366.80	.00	.00	.00	91.26	200.00
*	484.000	100.00	366.80	.00	.00	.00	21.37	100.00
*	490.000	300.00	371.65	.00	4.85	.00	20.90	100.00
*	491.000	400.00	364.74	.00	-6.91	.00	31.68	10.00
*	492.000	400.00	365.30	.00	.56	.00	33.81	100.00
*	494.000	400.00	366.24	.00	.94	.00	31.64	455.00
*	496.000	400.00	377.34	.00	11.09	.00	50.04	720.00
*	498.000	400.00	383.76	.00	6.42	.00	93.91	500.00

SUMMARY OF ERRORS AND SPECIAL NOTES

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CAUTION SECNO=    220.000  PROFILE=  1  PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=    220.000  PROFILE=  1  20 TRIALS ATTEMPTED TO BALANCE WSEL

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    06MAY14      09:05:54                                                                                                    PAGE   95


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    06MAY14      09:05:54                                                                                                    PAGE   97


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CAUTION SECNO=    498.000  PROFILE=  1  20 TRIALS ATTEMPTED TO BALANCE WSEL
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National Flood Hazard Layer FIRMette

FEMA

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS

- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- B 20.2 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
- 8 Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/17/2019 at 4:56:30 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Flooding Study

SUNSWEET PROPERTY
MORGAN HILL

Prepared for:
Glenrock Builders

Revised May 1, 2015

Schaaf & Wheeler
CONSULTING CIVIL ENGINEERS
1171 Homestead Road, #255
Santa Clara, CA 95050
(408) 246-4848
FAX: 408-246-5624

Flooding Study
Sunsweet Property
Morgan Hill

Introduction

This flooding study was prepared to evaluate the existing flood conditions on the Sunsweet Property in the City of Morgan Hill. The site is located on the west side of Depot Street between Third Street on the north, and Fourth Street on the south. The site is shown in a Zone AE flood zone on the FEMA Flood Insurance Rate Map. The City has requested a flooding study to evaluate the 100-year base flood risk on the site and the potential flood effects of any development which may fill the site and block flood flows across the site.

Existing Flood Conditions

The FEMA Flood Insurance Study included detailed study of West Little Llagas Creek which is located on the west side of Monterey Road, approximately 500 feet west of the Sunsweet Property. The study included analyses of the hydrology and hydraulics of the 100-year base flood condtions for West Little Llagas Creek from the confluence with East Little Llagas Creek upstream to north of Llagas Avenue north of Morgan Hill. The original floodplain analysis was completed in a 1998 map revision. There was a later map revision in 2009 when FEMA released new FIRM maps based on digitized base maps.

The effective FIRM with the project location is attached. The project site is located in Zone AE with 100-year base flood elevations (BFE) between 347 feet near Fourth Street and 348 feet north of Third Street.

The FIRM was based on existing City of Morgan Hill topographic information from 1988 which was used for the hydraulic modeling and floodplain mapping. The topographic maps included 2-foot contour interval and limited spot elevations. There was limited detail on the Sunsweet Property and the entire property was included in the floodplain because the contour map showed elevations on Depot Street below the BFE south of Third Street.

Schaaf & Wheeler has prepared a more detailed delineation of the floodplain area on the Sunsweet site based on recent site topography from MH Engineering. The new topography is based on the current NAVD 88 datum used for the effective FEMA FIRM elevations. The delineation was based on the original 1988 HEC-2 hydraulic model estimates for the BFEs on the site and the surveyed topography. The attached figure shows the site areas above the BFE in green. The majority of the northern portion of site is above the BFE with areas along Fourth Street and Depot Street which are within the floodplain.

Hydraulic Models

In order to evaluate the potential effects of any blockage of the Sunsweet Property on the effective FEMA FIRM conditions, an additional analysis was prepared based on the original hydraulic model used to prepare the FIRM as part of the 1998 map revision. As part of the

National Flood Insurance Program, the City has responsibility for floodplain management, including identification of potential project impacts and evaluation of changes to the existing FIRMs. Any development on the Sunsweet Property would need to request a Letter of Map Revision (LOMR) to remove all or part of the site from the floodplain. The LOMR would require an updated hydraulic analysis to evaluate the potential for a change in the BFE or floodplain.

The original FEMA hydraulic model for West Little Llagas Creek was obtained from the Santa Clara Valley Water District (District) files. The hydraulic model used the US Army Corp of Engineers HEC2 computer program. The cross sections and floodplain delineations were based on work maps using the City of Morgan Hill topographic information. The original work maps are not available, but the model cross sections were located on the topographic maps to provide a new work map consistent with the original floodplain maps. Because the analysis was based on the 1998 model, the modeling was prepared in the original NGVD 1929 datum used for the City topography. There is a difference of 2.85 feet between the datum used for the 1998 restudy and the NAVD 88 datum used for the 2009 FEMA restudy. The elevation 347 ft on the 2009 FIRM corresponds to an elevation of 344.15 feet on the original 1998 FIRM.

As part of the analysis, the original HEC2 hydraulic model for West Little Llagas Creek was converted to the more current Corps of Engineers HEC-RAS computer model. The HEC-RAS model is based on the HEC2 model, but uses different input and output capabilities and additional modeling features. Computationally, the models are very similar but can include some differences. To simplify the conversion process, the extent of the model was reduced to only include the reach from Dunne Avenue to Main Street. The starting water surface for the model was taken from the calculated BFE from the original HEC2 model.

The West Little Llagas Creek hydraulic model conversion identified a calculation problem at the Monterey Road culvert between Fifth Street and Fourth Street. The HEC2 model calculated a BFE upstream of Fourth Street which was higher than the HEC-RAS model results. There appears to have been an error in the original HEC2 analysis which limited the effective weir flow from the creek at Fourth Street. The analysis included a weir width of 25 feet, which is much less than the width of the area between the buildings and the Monterey Road median at the intersection. In addition, the 2009 revision of the FIRM and the creek profile show different elevation upstream of Fourth Street which does not correspond to the change it elevation datum. The original HEC2 analysis, the 1998 FIRM and the 1998 profile all show an elevation of 345 feet at Fourth Street and an elevation of 345 feet upstream of Third Street. The 2009 FIRM and 2009 profile show an elevation of 347 feet at Fourth Street and 348 feet upstream of Third Street. There may have been a undocumented map revision which occurred which changed the flood elevations and was included in the 2009 map revision.

Based on comments from the District after discussion with FEMA, the original HEC-2 water surface elevations were considered to be the most conservative and defensible. It appears that the 2009 profile was in error.

Review of the original HEC2 model and HEC-RAS model show that the hydraulic analysis did not include the entire Sunsweet Property as effective flow area. The eastern portion of the site near Depot Street was blocked off to account for the fact that the area would be ineffective

because the flood flows could not expand effectively out that far from the channel downstream of Third Street. At Fourth Street, approximately 200 feet of the site along Depot Street was assumed to be ineffective.

To evaluate the potential effects of additional blockage on the Sunsweet Property, an additional 240 feet of the property near Fourth Street was assumed to be ineffective. The calculated effect on the 100-year BFE on the site and upstream of Third Street was an increase of 0.01 feet, which less than the calculation tolerance of the computer model. The effect on the calculated BFE is very small because the average depth of flow on that portion of the Sunsweet site was approximately 1.0 feet deep.

Conclusions

The results of the site topography and the hydraulic analysis show that potential flood risk on the Sunsweet Property is less than the floodplain conditions shown of the effective floodplain maps. The FIRM show the entire site within the floodplain. The new site topography shows the northern portion of the site would be above the BFE.

The hydraulic analysis shows that the potential blockage associated with potential development on the site would have no significant effect on the BFE on the site or on upstream properties.

Any development on the Sunsweet Property would need a LOMR to revise the existing FIRM delineation for the site. FEMA may not change the effective FIRM, but would issue a Letter of Map Revision for the site to declare the area removed from the flood insurance requirements.

Flooding Study

SUNSWEET PROPERTY
MORGAN HILL

HEC-RAS Output

HEC-RAS River: RIVER-1 Reach: Reach-1 Profile: 100yr

Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
Reach-1	442	100yr	1998 Hec2	500.00	341.30	348.09		348.18	0.000492	2.94	556.52	480.00	0.23
Reach-1	442	100yr	Project	500.00	341.30	348.09		348.18	0.000492	2.94	556.58	480.00	0.23
Reach-1	440.2	100yr	1998 Hec2	500.00	341.20	348.07		348.13	0.000541	3.06	630.11	348.70	0.21
Reach-1	440.2	100yr	Project	500.00	341.20	348.07		348.13	0.000541	3.06	630.14	348.70	0.21
Reach-1	440	100yr	1998 Hec2	500.00	341.20	347.47	345.76	347.99	0.008848	6.87	223.74	309.09	0.41
Reach-1	440	100yr	Project	500.00	341.20	347.47	345.76	347.99	0.008849	6.88	223.71	309.08	0.41
Reach-1	436	100yr	1998 Hec2	500.00	341.10	347.32		347.64	0.002047	5.58	257.66	257.90	0.40
Reach-1	436	100yr	Project	500.00	341.10	347.32		347.64	0.002048	5.58	257.62	257.88	0.40
Reach-1	434	100yr	1998 Hec2	500.00	340.70	347.30		347.45	0.001401	3.36	275.54	214.34	0.26
Reach-1	434	100yr	Project	500.00	340.70	347.30		347.45	0.001401	3.36	275.51	214.33	0.26
Reach-1	430.2	100yr	1998 Hec2	650.00	339.80	346.08		346.17	0.002325	3.67	531.92	315.46	0.26
Reach-1	430.2	100yr	Project	650.00	339.80	346.08		346.17	0.002321	3.66	532.31	315.51	0.26
Reach-1	430	100yr	1998 Hec2	650.00	339.80	346.10	345.18	346.15	0.004149	2.79	498.86	292.85	0.12
Reach-1	430	100yr	Project	650.00	339.80	346.10	345.18	346.15	0.004140	2.79	499.22	292.88	0.12
Reach-1	422	100yr	1998 Hec2	650.00	339.70	345.94		346.02	0.002179	3.51	580.71	344.27	0.25
Reach-1	422	100yr	Project	650.00	339.70	345.94		346.02	0.002173	3.51	581.28	344.32	0.25
Reach-1	420.2	100yr	1998 Hec2	700.00	339.00	345.52		345.56	0.001489	2.83	803.41	471.00	0.20
Reach-1	420.2	100yr	Project	700.00	339.00	345.52		345.56	0.001479	2.82	805.22	471.00	0.20
Reach-1	420	100yr	1998 Hec2	700.00	339.00	345.37	345.21	345.52	0.016115	4.98	389.61	417.92	0.22
Reach-1	420	100yr	Project	700.00	339.00	345.38	345.21	345.53	0.015697	4.92	393.53	418.13	0.21
Reach-1	412	100yr	1998 Hec2	700.00	337.60	345.43		345.46	0.000894	2.48	870.81	472.00	0.16
Reach-1	412	100yr	Project	700.00	337.60	345.43		345.47	0.000884	2.47	874.32	472.00	0.16
Reach-1	411	100yr	1998 Hec2	840.00	337.50	345.35		345.38	0.000199	1.56	1268.12	555.52	0.11
Reach-1	411	100yr	Project	840.00	337.50	345.36		345.39	0.000198	1.56	1272.55	556.32	0.11
Reach-1	410	100yr	1998 Hec2	840.00	337.00	345.30		345.33	0.000742	2.44	1058.27	588.62	0.15
Reach-1	410	100yr	Project	840.00	337.00	345.30		345.34	0.000733	2.43	1063.41	588.72	0.15
Reach-1	402	100yr	1998 Hec2	840.00	337.00	345.21	341.61	345.29	0.004270	3.58	770.95	584.50	0.14
Reach-1	402	100yr	Project	840.00	337.00	345.22	341.61	345.30	0.004190	3.55	777.18	584.60	0.14
Reach-1	394	100yr	1998 Hec2	900.00	335.80	345.05	341.62	345.06	0.000222	1.40	2102.63	700.17	0.08
Reach-1	394	100yr	Project	900.00	335.80	345.05	341.62	345.06	0.000238	1.45	1860.37	470.17	0.08
Reach-1	393			Culvert									
Reach-1	392	100yr	1998 Hec2	900.00	335.10	343.11		343.13	0.000515	1.94	1372.78	719.52	0.12
Reach-1	392	100yr	Project	900.00	335.10	343.11		343.13	0.000515	1.94	1372.78	719.52	0.12
Reach-1	390.2	100yr	1998 Hec2	980.00	334.50	342.87		342.96	0.001874	3.91	917.09	444.46	0.24
Reach-1	390.2	100yr	Project	980.00	334.50	342.87		342.96	0.001874	3.91	917.09	444.46	0.24
Reach-1	390	100yr	1998 Hec2	980.00	334.50	342.86	342.08	342.96	0.006219	4.27	816.04	425.44	0.15
Reach-1	390	100yr	Project	980.00	334.50	342.86	342.08	342.96	0.006219	4.27	816.04	425.44	0.15
Reach-1	384	100yr	1998 Hec2	980.00	334.30	341.98		342.43	0.008126	7.56	459.55	357.68	0.48
Reach-1	384	100yr	Project	980.00	334.30	341.98		342.43	0.008126	7.56	459.55	357.68	0.48
Reach-1	382	100yr	1998 Hec2	1094.00	334.10	340.91		341.11	0.002437	5.01	449.69	395.84	0.37
Reach-1	382	100yr	Project	1094.00	334.10	340.91		341.11	0.002437	5.01	449.69	395.84	0.37
Reach-1	380	100yr	1998 Hec2	1094.00	333.90	340.66	340.05	340.77	0.004494	4.70	647.68	488.37	0.32
Reach-1	380	100yr	Project	1094.00	333.90	340.66	340.05	340.77	0.004494	4.70	647.68	488.37	0.32
Reach-1	378			Culvert									
Reach-1	376	100yr	1998 Hec2	1094.00	330.80	338.61		338.63	0.000738	2.07	1138.12	549.23	0.13
Reach-1	376	100yr	Project	1094.00	330.80	338.61		338.63	0.000738	2.07	1138.12	549.23	0.13
Reach-1	374	100yr	1998 Hec2	1094.00	330.80	338.26		338.51	0.003714	5.44	497.29	316.40	0.40
Reach-1	374	100yr	Project	1094.00	330.80	338.26		338.51	0.003714	5.44	497.29	316.40	0.40
Reach-1	0	100yr	1998 Hec2	1094.00	330.80	338.26	337.49	338.51	0.003735	5.45	496.11	316.39	0.41
Reach-1	0	100yr	Project	1094.00	330.80	338.26	337.49	338.51	0.003735	5.45	496.11	316.39	0.41

MAP SCALE 1" = 500'

250 0 500 1000 FEET

METER

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0444H

FIRM

FLOOD INSURANCE RATE MAP

SANTA CLARA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

PANEL 444 OF 830

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
MORGAN HILL, CITY OF	060346	0444	H
SANTA CLARA COUNTY	060337	0444	H

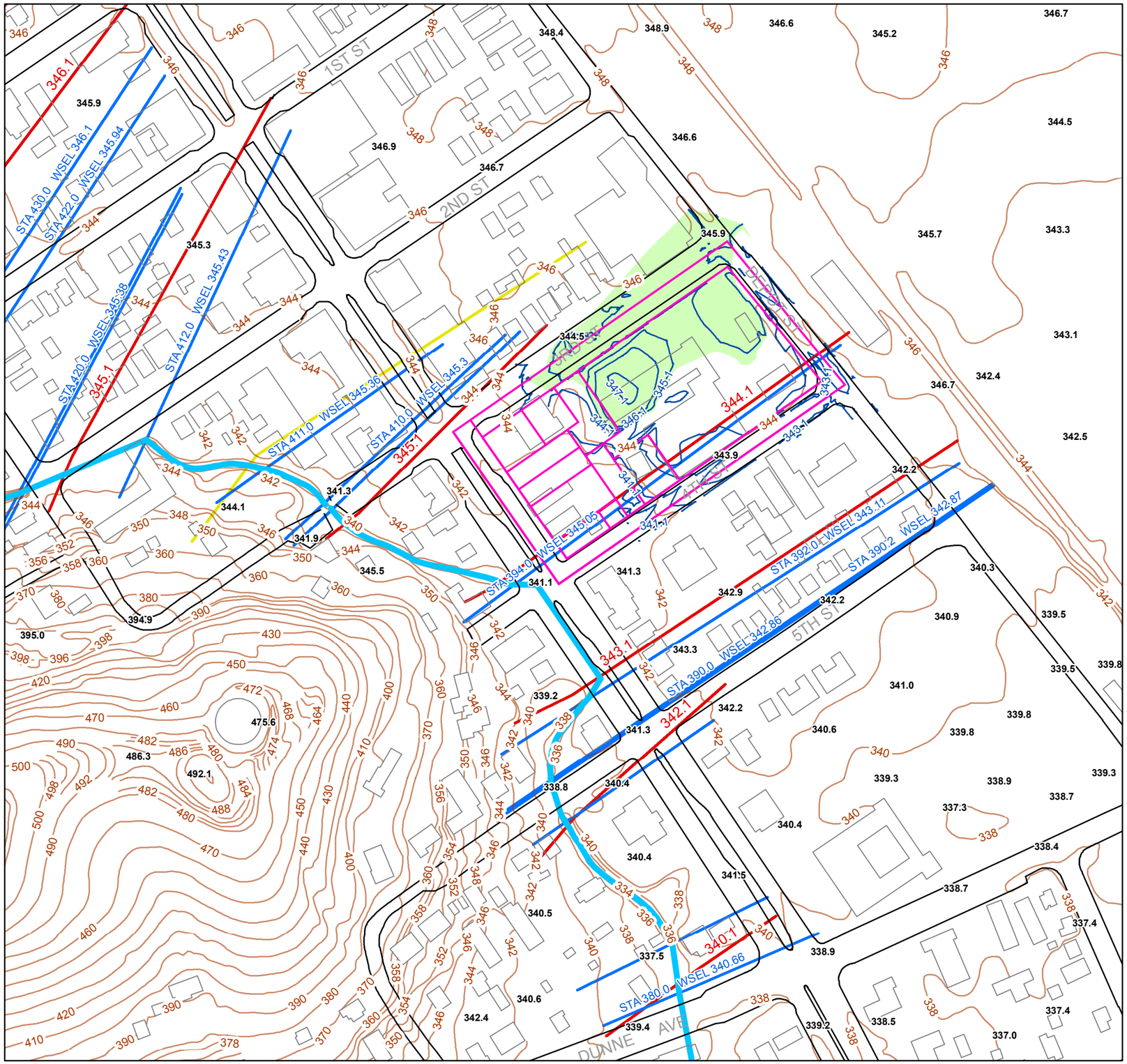
Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
06085C0444H

EFFECTIVE DATE
MAY 18, 2009

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



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Legend

- West Little Llagas
- FEMA Base Flood Elevation, NGVD
- Site Elevation Contour, NGVD
- City Elevation Contour, NGVD
- Property Line
- Above Base Flood Elevation
- Building
- Road
- Effective Cross Section (WSEL in NGVD)
- FEMA Cross Section

0 100 200 400
Feet

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	City of Morgan Hill Santa Clara County California	NO PROJECT	UPDATE
	COMMUNITY NO.: 060346		
IDENTIFIER	West Little Llagas Creek Profile Update	APPROXIMATE LATITUDE & LONGITUDE: 37.127, -121.651 SOURCE: USGS QUADRANGLE DATUM: NAD 83	

ANNOTATED MAPPING ENCLOSURES	ANNOTATED STUDY ENCLOSURES
NO REVISION TO THE EFFECTIVE FIRM*	DATE OF EFFECTIVE FLOOD INSURANCE STUDY REPORT: February 19, 2014 PROFILE(S): 163P

Enclosures reflect changes to flooding sources affected by this revision.
* FIRM - Flood Insurance Rate Map; ** FBFM - Flood Boundary and Floodway Map; *** FHBM - Flood Hazard Boundary Map

FLOODING SOURCE(S) & REVISED REACH(ES)

West Little Llagas Creek - from approximately 650 feet downstream of Spring Avenue to approximately 470 feet upstream of West Main Avenue

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
West Little Llagas Creek	BFEs*	BFEs	YES	NONE

* BFEs - Base Flood Elevations

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

142877 PT202.BKR.14093877P.BG 102-I-A-C

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance flood discharges computed in the FIS for your community without considering subsequent changes in watershed characteristics that could increase flood discharges. Future development of projects upstream could cause increased flood discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on flood discharges subsequent to the publication of the FIS report for your community and could, therefore, establish greater flood hazards in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State/Commonwealth law have been obtained. State/Commonwealth or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Mr. Jeffrey D. Lusk
Director, Mitigation Division
Federal Emergency Management Agency, Region IX
1111 Broadway, Suite 1200
Oakland, CA 94607-4052
(510) 627-7175

STATUS OF THE COMMUNITY NFIP MAPS

We will not physically revise and republish the FIRM and FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM panel(s) and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

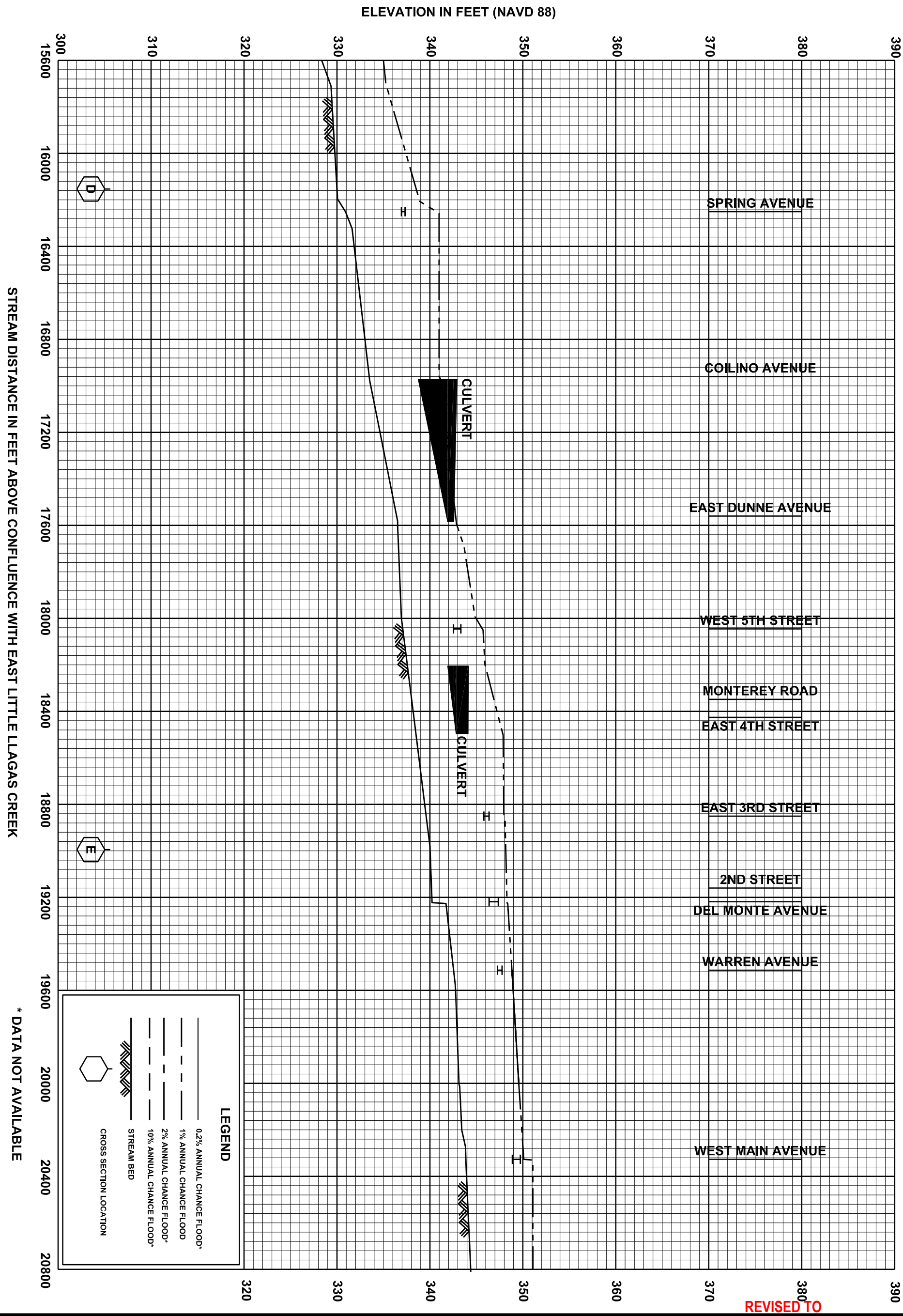
A notice of changes will be published in the *Federal Register*. This information also will be published in your local newspaper on or about the dates listed below and through FEMA's Flood Hazard Mapping website at https://www.floodmaps.fema.gov/fhm/Scripts/bfe_main.asp.

LOCAL NEWSPAPER Name: *The Morgan Hill Times*
Dates: October 24, 2014 and October 31, 2014

Within 90 days of the second publication in the local newspaper, a citizen may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. Therefore, this letter will be effective only after the 90-day appeal period has elapsed and we have resolved any appeals that we receive during this appeal period. Until this LOMR is effective, the revised flood hazard determination information presented in this LOMR may be changed.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration



* DATA NOT AVAILABLE

REVISED TO REFLECT LOMR EFFECTIVE: March 2, 2015

FEDERAL EMERGENCY MANAGEMENT AGENCY

SANTA CLARA COUNTY, CA

AND INCORPORATED AREAS

FLOOD PROFILES

WEST LITTLE LLAGAS CREEK

163P

Appendix G

VMT Assessment

HEXAGON TRANSPORTATION CONSULTANTS, INC.

Memorandum

Date: June 30, 2020

To: Nick Pappani, Raney Planning & Management, Inc.

From: Robert Del Rio, T.E., Rueben Rodriguez, P.E.

Subject: VMT Assessment for the Proposed 16685 Church Street Senior Housing Project in Morgan Hill, California

Hexagon Transportation Consultants, Inc. has completed a vehicle-miles traveled (VMT) assessment for the proposed senior housing development at 16685 Church Street project in Morgan Hill, California. The project site is located on the south side of San Pedro Avenue between Church Street and Monterey Road (see Figure 1). The proposed project would demolish the existing uses on-site and construct an 82-unit affordable senior housing facility (see Figure 2 for site plan). The purpose of this memorandum is to provide an assessment of the project's effect on VMT. The VMT assessment methodology and results are discussed below.

VMT Assessment Methodology and Results

Pursuant to Senate Bill (SB) 743, the California Environmental Quality Act (CEQA) 2019 Update Guidelines Section 15064.3, subdivision (b) states that VMT will be the metric in analyzing transportation impacts for land use projects for CEQA purposes. VMT is the total miles of travel by personal motorized vehicles a project is expected to generate in a day. VMT measures the full distance of personal motorized vehicle-trips with one end within the project. Typically, development projects that are farther from other, complementary land uses (such as a business park far from housing) and in areas without transit or active transportation infrastructure (bike lanes, sidewalks, etc.) generate more driving than development near complementary land uses with more robust transportation options. Therefore, developments located in a central business district with high density and diversity of complementary land uses and frequent transit services are expected to internalize trips and generate shorter and fewer vehicle trips than developments located in a suburban area with low density of residential developments and no transit serve in the project vicinity.

The *Technical Advisory on Evaluating Transportation Impacts in CEQA* published by the Governor's Office of Planning and Research (OPR) in December 2018 provides recommendations regarding VMT evaluation methodology, significance thresholds, and screening thresholds for land use projects. The OPR screening thresholds recommendations are intended to identify when a project should be expected to cause a less-than-significant impact without conducting a detailed VMT evaluation. The OPR screening thresholds recommendations are based on project size, maps, transit availability, and provision of affordable housing.

The OPR recommendations include the screening thresholds criteria listed below.

- OPR recommends that office or residential projects exceeding a level of 15 percent below existing VMT per capita may indicate a less-than-significant impact on VMT.
- OPR recommends that projects (including office, residential, retail, and mixed-use developments) proposed within ½ mile of an existing major transit stop or within ¼ mile of an existing stop along a high-quality transit corridor may be presumed to have a less-than-significant impact on VMT.
- OPR recommends that 100 percent affordable residential development in infill locations be presumed to have a less-than-significant impact on VMT.
- OPR recommends that projects that generate or attract fewer than 110 trips per day generally may be assumed to cause a less-than-significant impact on VMT.

Note that agencies are not required to adopt VMT analysis guidelines until July 1, 2020. The City of Morgan Hill, at the time of this report, is undertaking a process of updating its General Plan policies to incorporate VMT methodologies and significance thresholds to be consistent with SB 743 but has not released draft thresholds. In the absence of an adopted, or even draft, City policy with numeric thresholds, this assessment relies on OPR guidelines in analyzing the project's effects on VMT.

The proposed project would construct an 82-unit affordable senior housing facility. According to the OPR recommendations, since the proposed project would be a 100 percent affordable residential development it may be presumed to have a less-than-significant impact on VMT. The OPR guidelines state that adding affordable housing to infill locations generally improves jobs-housing match, in turn shortening commutes and reducing VMT. In addition, the OPR guidelines state that in areas where existing jobs-housing match is closer to optimal, low income housing nevertheless generates less VMT than market-rate housing. Furthermore, the pedestrian generators near the project vicinity would help support a reduced project VMT. Pedestrian generators in the project vicinity (within ¼ to 1-mile radius) include transit bus stops along Monterey Road, commercial uses (restaurant, retail, etc.) along Monterey Road, and Downtown Morgan Hill. Although the proposed project is geared specifically towards senior living, because the project would be 100 percent affordable units and due to the adjacent pedestrian generators, it can be presumed that the project would have a less-than-significant impact on VMT.

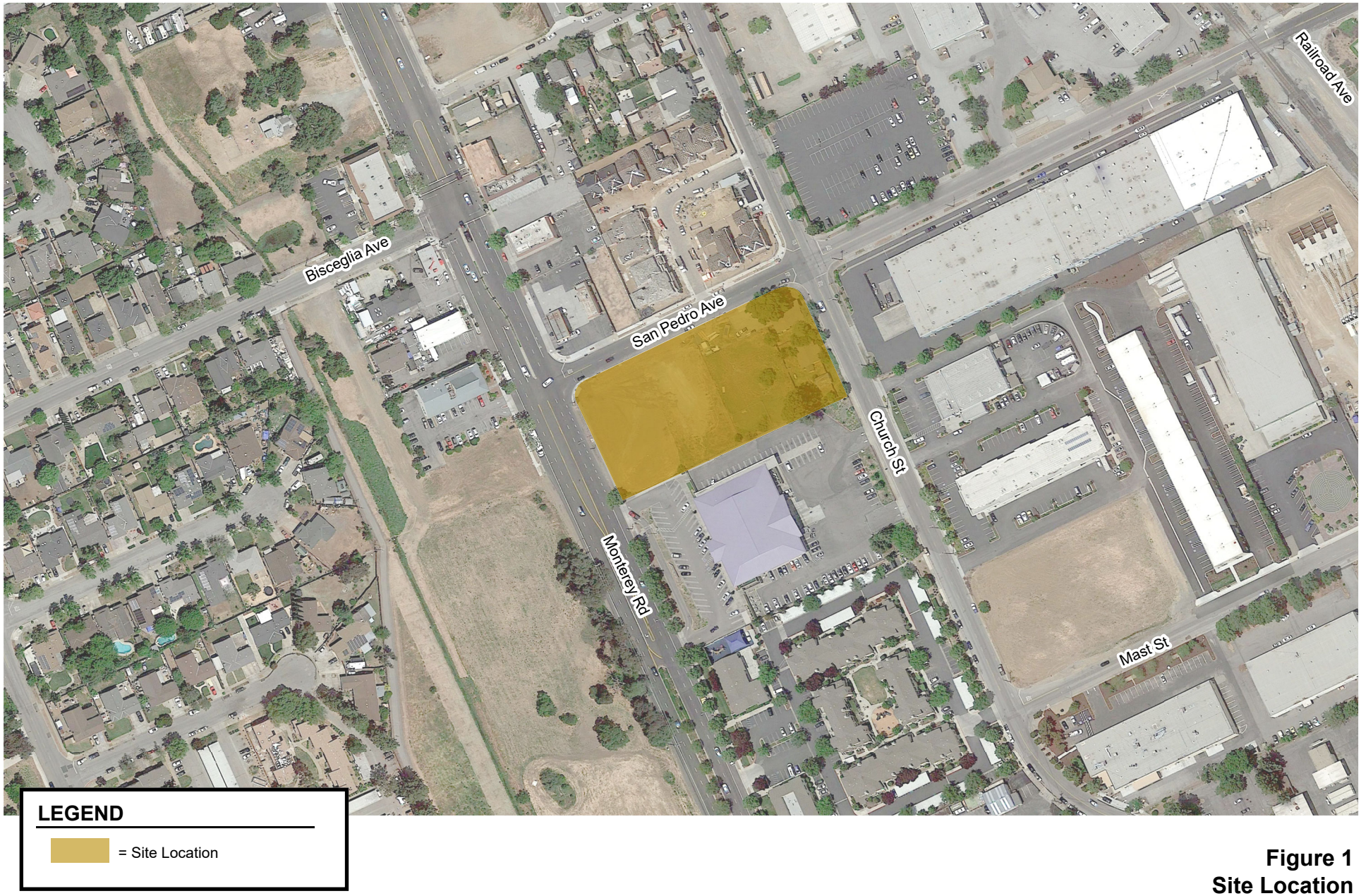
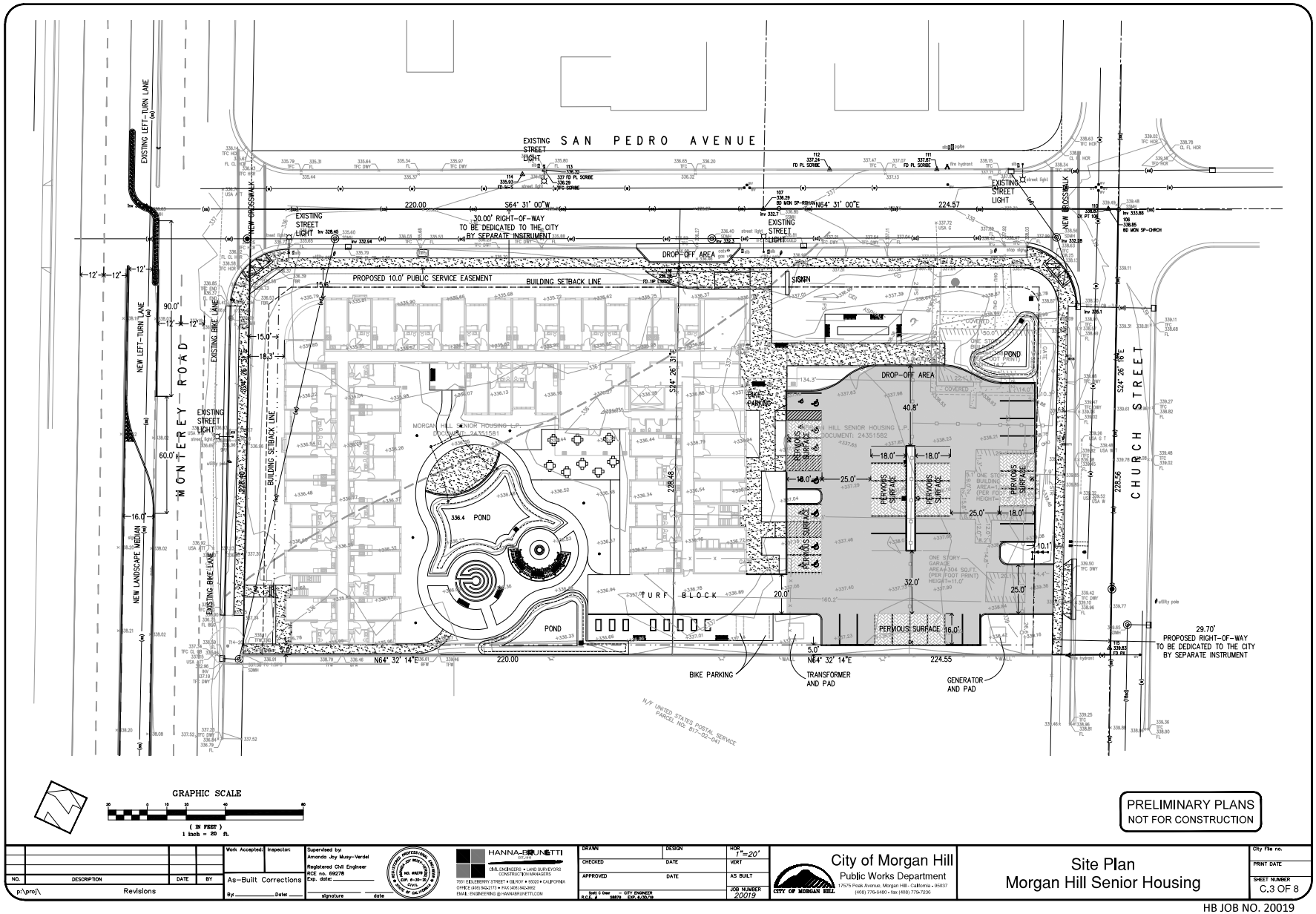


Figure 1
Site Location

HEXAGON

NORTH
Not to Scale



HB JOB NO. 20019

Figure 2
Site Plan

NORTH
Not to Scale