

# Official Notice

Lawn And Landscape Watering Restrictions

From April 1–October 31, typical lawn and garden sprinkler irrigation is limited to:

Mondays,

**Thursdays** 

& Saturdays

for ODD

numbered

addresses

& properties

with

Tuesdays,
Fridays
& Sundays
for EVEN
numbered

addresses

3

NO WATERING ON WEDNESDAYS Schedule irrigation before 9 AM or after 7 PM

Always limit irrigation to prevent runoff





We all need to do our part to make water conservation a way of life and "Save Water Forever".

Recycle all mixed paper!



2017 Report to Consumers on

# WATER QUALITY Consumer Confidence Report





# Our Goal: Meet or Exceed Federal & State Regulations

The City of Morgan Hill is committed to providing the community a safe, reliable supply of excellent quality drinking water that meets or exceeds Federal and State regulations. Again in 2017, we met or exceeded every water quality standard without a single violation.

This report gives information about the quality of water provided in 2017. It describes where your water comes from, what it contains and how it compares to State standards.

#### Share This Report

Landlords, businesses, schools, hospitals and other groups are encouraged to share this important water quality information with water users at their locations who are not billed customers of the City of Morgan Hill and therefore do not receive this report directly.

This report contains important information about your drinking water. Translate it, or speak with someone who understands it.

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien.

# A Word About Chemicals and Organisms

Here is a brief description of chemicals and organisms, and how the City of Morgan Hill monitors, tests, and treats for them:

#### Lead and Copper Testing

In 1991, the United States
Environmental Protection Agency
(USEPA) adopted the Lead and Copper
Rule which requires all cities, including
Morgan Hill, to perform lead and
copper testing. The City's public water
system does not have detectable levels
of lead and copper; however, these
metals may leach into the water from
home plumbing.

The City is on a three-year cycle for testing of lead and copper determined by the primary testing performed at the inception of the Lead and Copper Rule.

The City has completed its 2015 triannual round of sampling, and the sample results remain under Federal Action Levels for lead and copper. We will retest these levels again in 2018.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing vour tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or http://water.epa.gov/drink/info/lead

#### Nitrates as N

Nitrate in drinking water at levels above 45 mg/L is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 45 mg/L may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with specific enzyme deficiencies. If you are caring for an infant, or if you are pregnant, you should ask advice from your health care provider.

The City's water supply is below the maximum contaminant level (MCL) for nitrates. In 2017, the City performed 17 nitrate analyses alone to ensure a safe water supply.

#### Unregulated Contaminants

The City monitors for unregulated contaminants as required by USEPA. This helps the USEPA and SWRCB determine where certain contaminants occur, and whether the contaminants need to be regulated.

#### Water Sources

Morgan Hill is located in South Santa Clara County, situated between the Coyote and Llagas underground aquifers. These aquifers are the source of Morgan Hill's water supply.

The City currently operates 15 active and 2 standby groundwater wells throughout the City. In 2017, these wells supplied 2,312 million gallons of water to approximately 14,080 active water connections. The water produced by these wells is disinfected with sodium hypochlorite to protect against microbial contaminants.

An assessment of the drinking water sources for the City of Morgan Hill was completed in September 1998. The groundwater source is considered to be most vulnerable to the following activities associated with contaminants detected in groundwater: low density septic systems, irrigated crops, grazing and animal operations, agricultural/irrigation wells and animal feeding operations (occurrence of nitrate in groundwater).

A copy of the complete assessment is available at the State Water Resource Control Board, Drinking Water Field Operations Branch at 850 Marina Bay Parkway, Bldg. P, 2nd Floor, Room 458, Richmond, California, and the City of Morgan Hill Utilities Division at 100 Edes Court.

#### Water Quality Data

The table on page 6-7 of this report lists all the SWRCB regulated drinking water contaminants detected during the test cycle up to December 31, 2017.

To ensure that tap water is safe to drink, SWRCB prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Morgan Hill's water is treated in accordance with SWRCB regulations.

The SWRCB Food and Drug Branch regulations establish limits for contaminants in bottled water; these limits provide the same protection for the public water supply. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk.

Unless otherwise noted, the data presented in this table is from testing done over the period January 1 - December 31, 2017. The State allows the City to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Thus, some of the data – though representative of the water quality – is more than a year old.

## Water Sampling and Testing

The water sampling required by SWRCB consists of weekly Bacteria (624)Quarterly Nitrate (7), Quarterly Trihalomethanes (16), Quarterly Haloacetic Acids (16), Annual Nitrate (19), Triannual Inorganic Chemicals (83), Triannual Synthetic Organic Chemicals (246), Triannual Volatile Organic Chemicals (144), Triannual General Physical (88), for a total of 1,243 required samples from 30 separate sample stations and the 15 active source wells located throughout the City's water production and distribution system.

## Water Quality Statement

For the calendar year 2017, your tap water met all U.S. Environmental Protection Agency (USEPA) and State drinking water health standards. The City of Morgan Hill vigilantly safeguards your water supply, and once again we are proud to report that the City's system is in full compliance with the State Water Resource Control Board. For questions regarding this consumer confidence report, please contact water quality specialist Kevin Nelson at (408) 776-7333. For opportunities to participate in the City of Morgan Hill's drinking water, please attend the City Council meetings on the first, third, and fourth Wednesdays at 7:00 PM In the Council Chambers located at 17555 Peak Ave. Morgan Hill.

#### Other Information

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA Safe Drinking Water Hotline: (800) 426-4791 or visiting the USEPA website: www.epa.gov/dwstandardsregulations.

California notification levels are available at the State Board's website: http://www.swrcb.ca.gov/drinking\_water/certlic/drinkingwater/NotificationLevels.shtml

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline: (800) 426-4791.

#### Water System Improvements

The City's water system consists of 15 production wells, 155 miles of water main, nine pumping stations, and 12 reservoirs. This complex, interrelated system requires 24-hour monitoring and an extensive program of ongoing maintenance. Additionally, a five-year program of capital improvements must be constantly updated to plan and fund new capacity and the replacement of aging infrastructure. During the past year, the following water system improvements were completed:

#### Rehabilitation:

BoysRanch 2A Well, Jackson Well 3, OAK Canyon Booster Station

#### TERMS & ABBREVIATIONS USED IN THE DATA TABLES

**Public Health Goal (PHG)**: The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency.

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to PHGs or MCLGs as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

**Regulatory Action Level (AL)**: The concentration of a contaminant which, when exceeded, triggers treatment or other requirements that a water system must follow.

**Primary Drinking Water Standard (PDWS):** MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

**Treatment Technique (TT)**: A required process intended to reduce the level of a contaminant in drinking water.

**Variances and Exemptions**: State Board permission to exceed an MCL or not comply with a TT under certain conditions.

**Level 1 Assessment:** A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment: A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

#### Maximum Residual Disinfectant Level Goal (MRDLG):

The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

n/a: not applicable

ns: no standard

nd: not detectable at testing limit

cu: color unit (a measure of color in water)

**ppb**: parts per billion or micrograms per liter

ug/L: micrograms per liter

**ppm**: parts per million or milligrams per liter

mg/L: milligrams per liter

pCi/I: picocuries per liter (a measure of radiation)

MFL: Million Fibers per Liter, with a fiber length greater than • 10 micrometers

**grains per gallon**: the measure of the concentration of a solution

TON: Threshold Odor Number (a measure of the odor associated with water)

umhos/cm: the measure of the dissolved inorganic

salt content

<: less than

**DLR**: Detection limit for purposes of reporting.

## Contaminants that may be present in source water before we treat it:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
- Inorganic contaminants, such as salts and metals, which
  can be naturally occurring or result from urban stormwater
  runoff, industrial or domestic wastewater discharges, oil and
  gas production, and mining or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agricultural and residential uses.
- · Radioactive contaminants, which are naturally occurring.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum distillation, and can also come from gas stations, urban runoff and septic systems.









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## Water Quality Statement

For the calendar year 2017, your tap water met all U.S. Environmental Protection Agency (USEPA) and State drinking water health standards. The City of Morgan Hill vigilantly safeguards your water supply and once again we are proud to report that the City's system is in full compliance with all State Water Resource Control Board.

		ı	MICROBIOLO	OGICAL	CONT	AMINE	NTS		
MICROBIOLOGICAL CONTAMINENT	HIGHEST MONTHLY % OF POSITIVE SAMPLES	NO.OF MONTHS IN VIOLATION		MCL MCLG TYPICAL SOURCE OF CONTAMINATION					ACTION LEVEL EXCEEDED?
TOTAL COLIFORM BACTERIA	0.0%	0		N 5.0% OF			0	NATURALLY PRESENT IN THE ENVIRONMENT	NO
(STATE TOTAL COLIFORM RULE)  FECAL COLIFORM BACTERIA (STATE TOTAL COLIFORM RULE)	0.0%	0	A ROUTINE SA SAMPLE ARE POSITIVE, AND ALSO FECAL O POSITIVE.	TOTAL CO O ONE OF	LIFORI THOSE	M E IS	0	HUMAN AND ANIMAL FECAL WASTE	NO
E. COLI (FEDERAL REVISED TOTAL COLIFROM RULE) (01/01/2017 THRU 12/31/2017)	0.0%	0	ARE TOTAL CO AND EITHER IS SYSTEM FAILS SAMPLES FOL POSITIVE ROU SYSTEM FAILS COLIFORM-PO	ROUTINE AND REPEAT SAMPLES  RE TOTAL COLIFORM. POSITIVE  IND EITHER IS E.COLI-POSITIVE OR  SYSTEM FAILS TO TAKE REPEAT  SAMPLES FOLLOWING E. COLI  POSITIVE ROUTINE SAMPLE OR  SYSTEM FAILS TO ANALIZE TOTAL  COLIFORM-POSITVE REPEAT  SAMPLE FOR E. COLI				HUMAN AND ANIMAL FECAL WASTE	NO
		LEAD AN	D COPPER I	RULE & :	всно	OL LE	AD SAMPLE	ES .	
PARAMETER	DATE TESTED	UNITS	ACTION LEVEL	PHG (MCLG)	Si	BER OF TES IPLED	HOUSEHOLD RESULTS 90th PERCENTILE	TYPICAL SOURCE OF CONTAMINATION	Number of Sites Exceeding The Action Level
LEAD	Sep 2015	ppb	15	0.2	,	30	0	INTERNAL CORROSION OF HOUSEHOLD PLUMBING SYSTEMS; EROSION OF NATURAL DEPOSITS; LEACHING FROM WOOD PRESERVATIVES	0
COPPER	Sep 2015	ppm	1.3	0.3	;	30	0.3	INTERNAL CORROSION OF HOUSEHOLD PLUMBING SYSTEMS; EROSION OF NATURAL DEPOSITS; LEACHING FROM WOOD PRESERVATIVES	0
PARAMETER	DATE TESTED	UNITS	ACTION LEVEL	PHG (MCLG)	Si	BER OF TES IPLED	NUMBER OF SCHOOLS REQUESTING LEAD SAMPLES	TYPICAL SOURCE OF CONTAMINATION	Number of Sites Exceeding The Action Level
SCHOOL LEAD	Dec 2017	ppb	15	0.2		0	0	INTERNAL CORROSION OF HOUSEHOLD PLUMBING SYSTEMS; EROSION OF NATURAL DEPOSITS; LEACHING FROM WOOD PRESERVATIVES	0
		SAMPLI	NG RESULTS	S FOR S	ODIUN	/I AND	HARDNESS	•	
PARAMETER	DATE TESTED	UNITS	MCL	PHG (MCLG) [MRDLG]	LOW	HIGH	AVG.	TYPICAL SOURCE OF CONTAMINANT	EXCEEDED MCL?
SODIUM	2017	ppm	NS	N/A	25	30	27	"SODIUM" REFERS TO THE SALT PRESENT IN THE WATER AND IS GENERALLY NATURALLY- OCCURRING	NS
HARDNESS	2017	ppm	NS		171	230	201	RUNOFF/LEACHING FROM NATURAL DEPOSITS	NS
HARDNESS	2017	GRAINS/GAL	NS		10	13	12	RUNOFF/LEACHING FROM NATURAL DEPOSITS	NS

PRIM	IARY DRINK	ING WATE	R ST	ANDAR	DS - MA	NDAT	ORY H	EALTH REL	ATED STANDARDS	
			UNITS DLR M		PHG (MCLG) [MRDLG]	GROUNDWATER RANGE OF DETECTION				
PARAMETER	DATE TESTED	UNITS		MCL		LOW	нідн	AVG.	TYPICAL SOURCE OF CONTAMINANT	EXCEEDED MCL?
ALUMINUM	2017	ug/L	50 1000		600	0	64	21.33	EROSION OF NATURAL DEPOSITS; RESIDUE FROM SOME SURFACE WATER TREATMENT PROCESSES	NO
FLUORIDE (NATURALLY OCCURING)	2017	ppm	0.1 2		1	0.11	0.13	0.12	EROSION OF NATURAL DEPOSITS; WATER ADDITIVE THAT PROMOTES STRONG TEETH; DISCHARGE FROM FERTILIZER AND ALUMINUM FACTORIES	NO
NITRATE (AS N)	2017	ppm	2	45	45	1.9	6.8	4.0	RUNOFF AND LEACHING FROM FERTILIZER USE; LEACHING FROM SEPTIC TANKS AND SEWAGE; EROSION OF NATURAL DEPOSITS	NO
NITRATE + NITRITE (AS N)	2017	ppb	0.4	10	10	2.2	3.4	3.05	RUNOFF AND LEACHING FROM FERTILIZER USE; LEACHING FROM SEPTIC TANKS AND SEWAGE; EROSION OF NATURAL DEPOSITS	NO
PARAMETER	DATE TESTED	UNITS	MCL		PHG (MCLG) [MRDL]	LOW	HIGH	AVG.	TYPICAL SOURCE OF CONTAMINANT	EXCEEDED MCL?
TRIHALOMETHANES (TTHM)	2017	ppb	8	80	N/A	0	9.15	4.49	BY-PRODUCT OF DRINKING WATER CHLORINATION	NO
HALOACETIC ACIDS (HAA5)	2017	ppb	(	60	N/A	0	3.3	2.12	BY-PRODUCT OF DRINKING WATER DISINFECTION	NO
CHLORINE RESIDUAL ( CL2)	2017	ppm	4	4.0	[4.0]	0.2	0.65	0.42	DRINKING WATER DISINFECTANT ADDED FOR TREATMENT	NO
	SECONDA	RY DRINE	KING \	WATER	STAND	ARDS	- AES	THETICS ST	ANDARDS	
	SECONDA	RY DRINI	KING \	WATER			NDWATER	R RANGE OF	ANDARDS	
PARAMETER	SECONDA DATE TESTED	UNITS		WATER	PHG (MCLG)	GROUP	NDWATER DETE	R RANGE OF	TANDARDS  TYPICAL SOURCE OF CONTAMINANT	EXCEEDED MCL?
PARAMETER CHLORIDE			М		PHG (MCLG)		NDWATER	R RANGE OF	TYPICAL SOURCE OF CONTAMINANT  RUNOFF/LEACHING FROM NATURAL DEPOSITS: SEAWATER	
	DATE TESTED	UNITS	M 5	ICL	PHG (MCLG) [MRDLG]	GROUP	NDWATER DETE	R RANGE OF CTION AVG.	TYPICAL SOURCE OF CONTAMINANT  RUNOFF/LEACHING FROM NATURAL DEPOSITS; SEAWATER INFLUENCE RUNOFF/LEACHING FROM NATURAL DEPOSITS; INDUSTRIAL	MCL?
CHLORIDE	DATE TESTED	UNITS mg/L	M 5	<b>IICL</b>	PHG (MCLG) [MRDLG]	LOW 52	HIGH 73	R RANGE OF CTION AVG. 62.75	TYPICAL SOURCE OF CONTAMINANT  RUNOFF/LEACHING FROM NATURAL DEPOSITS; SEAWATER INFLUENCE  RUNOFF/LEACHING FROM NATURAL DEPOSITS; INDUSTRIAL WASTES  RUNOFF/LEACHING FROM	MCL?
CHLORIDE  SULFATE  TOTAL DISSOLVED SOLIDS	2017 2017 2017	mg/L mg/L	5 5	600 600	PHG (MCLG) [MRDLG] N/A	52 36 310	HIGH 73 44 370	AVG. 62.75 39.3 343	TYPICAL SOURCE OF CONTAMINANT  RUNOFF/LEACHING FROM NATURAL DEPOSITS; SEAWATER INFLUENCE  RUNOFF/LEACHING FROM NATURAL DEPOSITS; INDUSTRIAL WASTES  RUNOFF/LEACHING FROM NATURAL DEPOSITS  SUBSTANCES THAT FORM IONS	NO NO
CHLORIDE  SULFATE  TOTAL DISSOLVED SOLIDS  SPECIFIC CONDUCTANCE (E.C.)	2017 2017 2017 2017	mg/L mg/L umho/cm	5 5 10	500 500 600 600	PHG (MCLG) [MRDLG] N/A N/A	52 36 310 540	73 44 370 590	AVG. 62.75 39.3 343	TYPICAL SOURCE OF CONTAMINANT  RUNOFF/LEACHING FROM NATURAL DEPOSITS; SEAWATER INFLUENCE  RUNOFF/LEACHING FROM NATURAL DEPOSITS; INDUSTRIAL WASTES  RUNOFF/LEACHING FROM NATURAL DEPOSITS	NO NO NO
CHLORIDE  SULFATE  TOTAL DISSOLVED SOLIDS  SPECIFIC CONDUCTANCE (E.C.)  COLOR	2017 2017 2017 2017 2017	units  mg/L  mg/L  mg/L  umho/cm  unit	5 5 10 1, 1, 1,	600 600 600 15	PHG (MCLG) [MRDLG]  N/A  N/A  N/A  N/A	52 36 310 540 0	### NOWATEF DETECTION	AVG. 62.75 39.3 343 568 3.5	TYPICAL SOURCE OF CONTAMINANT  RUNOFF/LEACHING FROM NATURAL DEPOSITS; SEAWATER INFLUENCE  RUNOFF/LEACHING FROM NATURAL DEPOSITS; INDUSTRIAL WASTES  RUNOFF/LEACHING FROM NATURAL DEPOSITS  SUBSTANCES THAT FORM IONS WHEN IN WATER; SEA WATER INFLUENCES  NATURALLY-OCCURING ORGANIC MATERIALS	NO NO NO NO
CHLORIDE  SULFATE  TOTAL DISSOLVED SOLIDS  SPECIFIC CONDUCTANCE (E.C.)	2017 2017 2017 2017	mg/L mg/L umho/cm	5 5 10 1, 1, 1,	500 500 600 600	PHG (MCLG) [MRDLG] N/A N/A	52 36 310 540	73 44 370 590	AVG. 62.75 39.3 343	TYPICAL SOURCE OF CONTAMINANT  RUNOFF/LEACHING FROM NATURAL DEPOSITS; SEAWATER INFLUENCE  RUNOFF/LEACHING FROM NATURAL DEPOSITS; INDUSTRIAL WASTES  RUNOFF/LEACHING FROM NATURAL DEPOSITS  SUBSTANCES THAT FORM IONS WHEN IN WATER; SEA WATER INFLUENCES  NATURALLY-OCCURING ORGANIC	NO NO NO
CHLORIDE  SULFATE  TOTAL DISSOLVED SOLIDS  SPECIFIC CONDUCTANCE (E.C.)  COLOR	2017 2017 2017 2017 2017	mg/L mg/L umho/cm unit	55 55 10 1,	600 600 600 115	PHG (MCLG) [MRDLG]  N/A  N/A  N/A  N/A	52 36 310 540 0	### NOWATER DETECTION	AVG. 62.75 39.3 343 568 3.5	TYPICAL SOURCE OF CONTAMINANT  RUNOFF/LEACHING FROM NATURAL DEPOSITS; SEAWATER INFLUENCE  RUNOFF/LEACHING FROM NATURAL DEPOSITS; INDUSTRIAL WASTES  RUNOFF/LEACHING FROM NATURAL DEPOSITS  SUBSTANCES THAT FORM IONS WHEN IN WATER; SEA WATER INFLUENCES  NATURALLY-OCCURING ORGANIC MATERIALS	NO NO NO NO
CHLORIDE  SULFATE  TOTAL DISSOLVED SOLIDS  SPECIFIC CONDUCTANCE (E.C.)  COLOR	2017 2017 2017 2017 2017	mg/L mg/L umho/cm unit	5 5 10 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	600 600 600 115	PHG (MCLG) [MRDLG]  N/A  N/A  N/A  N/A  N/A	52 36 310 540 0	### NOWATER DETECTION	AVG. 62.75 39.3 343 568 3.5	TYPICAL SOURCE OF CONTAMINANT  RUNOFF/LEACHING FROM NATURAL DEPOSITS; SEAWATER INFLUENCE  RUNOFF/LEACHING FROM NATURAL DEPOSITS; INDUSTRIAL WASTES  RUNOFF/LEACHING FROM NATURAL DEPOSITS  SUBSTANCES THAT FORM IONS WHEN IN WATER; SEA WATER INFLUENCES  NATURALLY-OCCURING ORGANIC MATERIALS	NO NO NO NO
CHLORIDE  SULFATE  TOTAL DISSOLVED SOLIDS  SPECIFIC CONDUCTANCE (E.C.)  COLOR  ODOR-THRESHOLD	2017 2017 2017 2017 2017 2017	units  mg/L  mg/L  umho/cm  unit  TON  LIST OF A	5 5 10 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	600 000 115 3 3 000 000 000 000 000 000 000 000 00	PHG (MCLG) [MRDLG] N/A N/A N/A N/A N/A N/A N/A ONSTITUE	52 36 310 540 0	### NOWATE	AVG. 62.75 39.3 343 568 3.5	TYPICAL SOURCE OF CONTAMINANT  RUNOFF/LEACHING FROM NATURAL DEPOSITS; SEAWATER INFLUENCE  RUNOFF/LEACHING FROM NATURAL DEPOSITS; INDUSTRIAL WASTES  RUNOFF/LEACHING FROM NATURAL DEPOSITS  SUBSTANCES THAT FORM IONS WHEN IN WATER; SEA WATER INFLUENCES  NATURALLY-OCCURING ORGANIC MATERIALS  NATURALLY-OCCURING ORGANIC MATERIALS  PH IS AN EXPRESSION OF THE INTENSITY OF THE BASIC OR	NO NO NO NO NO
CHLORIDE  SULFATE  TOTAL DISSOLVED SOLIDS  SPECIFIC CONDUCTANCE (E.C.)  COLOR  ODOR-THRESHOLD	2017 2017 2017 2017 2017 2017 2017	units  mg/L  mg/L  umho/cm  unit  TON  LIST OF /	5 5 1 ( 1 , 1 , 1 , 1 , 1 , 1 , 1 , 1 , 1 ,	6000 6000 115 3	PHG (MCLG) [MRDLG] N/A N/A N/A N/A N/A N/A ONSTITUE	52 36 310 540 0 7.51	NDWATER DETERMINE TO THE PROPERTY OF THE PROPE	AVG. 62.75 39.3 343 568 3.5 0 7.7	TYPICAL SOURCE OF CONTAMINANT  RUNOFF/LEACHING FROM NATURAL DEPOSITS; SEAWATER INFLUENCE  RUNOFF/LEACHING FROM NATURAL DEPOSITS; INDUSTRIAL WASTES  RUNOFF/LEACHING FROM NATURAL DEPOSITS  SUBSTANCES THAT FORM IONS WHEN IN WATER; SEA WATER INFLUENCES  NATURALLY-OCCURING ORGANIC MATERIALS  NATURALLY-OCCURING ORGANIC MATERIALS  PH IS AN EXPRESSION OF THE INTENSITY OF THE BASIC OR ACIDIC CONDITION OF A LIQUID	NO NO NO NO NO
CHLORIDE  SULFATE  TOTAL DISSOLVED SOLIDS  SPECIFIC CONDUCTANCE (E.C.)  COLOR  ODOR-THRESHOLD	2017 2017 2017 2017 2017 2017 2017	units  mg/L  mg/L  umho/cm  unit  TON  LIST OF /	S 5 1( 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	6000 6000 115 3	PHG (MCLG) [MRDLG] N/A N/A N/A N/A N/A N/A ONSTITUE	GROUND     GROUND     GROUND     GROUND   GROU	### NUMATE   PROPERTY   PROPERTY	AVG. 62.75 39.3 343 568 3.5 0 7.7	TYPICAL SOURCE OF CONTAMINANT  RUNOFF/LEACHING FROM NATURAL DEPOSITS; SEAWATER INFLUENCE  RUNOFF/LEACHING FROM NATURAL DEPOSITS; INDUSTRIAL WASTES  RUNOFF/LEACHING FROM NATURAL DEPOSITS  SUBSTANCES THAT FORM IONS WHEN IN WATER; SEA WATER INFLUENCES  NATURALLY-OCCURING ORGANIC MATERIALS  NATURALLY-OCCURING ORGANIC MATERIALS  PH IS AN EXPRESSION OF THE INTENSITY OF THE BASIC OR ACIDIC CONDITION OF A LIQUID	NO NO NO NO NO
CHLORIDE  SULFATE  TOTAL DISSOLVED SOLIDS  SPECIFIC CONDUCTANCE (E.C.)  COLOR  ODOR-THRESHOLD  PH  PARAMETER	2017 2017 2017 2017 2017 2017 2017 2017	units  mg/L  mg/L  umho/cm  unit  TON  LIST OF /  unit  UNREGUI	S 5 1(1 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1,1	10000000000000000000000000000000000000	PHG (MCLG) [MRDLG]  N/A  N/A  N/A  N/A  N/A  N/A  PHG (MCLG)	GROUN	HIGH  73  44  370  590  8  0  NITOR  NITOR  HIGH	AVG.  62.75  39.3  343  568  3.5  0  7.7  ING RULE 3  R RANGE OF CITION  AVG.	TYPICAL SOURCE OF CONTAMINANT  RUNOFF/LEACHING FROM NATURAL DEPOSITS; SEAWATER INFLUENCE  RUNOFF/LEACHING FROM NATURAL DEPOSITS; INDUSTRIAL WASTES  RUNOFF/LEACHING FROM NATURAL DEPOSITS  SUBSTANCES THAT FORM IONS WHEN IN WATER; SEA WATER INFLUENCES  NATURALLY-OCCURING ORGANIC MATERIALS  NATURALLY-OCCURING ORGANIC MATERIALS  PH IS AN EXPRESSION OF THE INTENSITY OF THE BASIC OR ACIDIC CONDITION OF A LIQUID	NO NO NO NO NO
CHLORIDE  SULFATE  TOTAL DISSOLVED SOLIDS  SPECIFIC CONDUCTANCE (E.C.)  COLOR  ODOR-THRESHOLD  PH	2017 2017 2017 2017 2017 2017 2017	units  mg/L  mg/L  mg/L  umho/cm  unit  TON  LIST OF /	M 5 5 5 1 ( 1 1 , 1 , 1 ) 1	10000000000000000000000000000000000000	PHG (MCLG) [MRDLG]  N/A  N/A  N/A  N/A  N/A  N/A  PHG  TAMINAT	GROUND     GROUND     GROUND     GROUND   GROU	### NUMATE   PROPERTY   PROPERTY	AVG. 62.75 39.3 343 568 3.5 0 7.7	TYPICAL SOURCE OF CONTAMINANT  RUNOFF/LEACHING FROM NATURAL DEPOSITS; SEAWATER INFLUENCE  RUNOFF/LEACHING FROM NATURAL DEPOSITS; INDUSTRIAL WASTES  RUNOFF/LEACHING FROM NATURAL DEPOSITS  SUBSTANCES THAT FORM IONS WHEN IN WATER; SEA WATER INFLUENCES  NATURALLY-OCCURING ORGANIC MATERIALS  NATURALLY-OCCURING ORGANIC MATERIALS  PH IS AN EXPRESSION OF THE INTENSITY OF THE BASIC OR ACIDIC CONDITION OF A LIQUID	NO NO NO NO NO
CHLORIDE  SULFATE  TOTAL DISSOLVED SOLIDS  SPECIFIC CONDUCTANCE (E.C.)  COLOR  ODOR-THRESHOLD  PH  PARAMETER  CHLORATE	2017 2017 2017 2017 2017 2017 2017 2017	units  mg/L  mg/L  umho/cm  unit  TON  LIST OF /  unit  UNREGUI  units  ug/L	5 5 1 1 ( 1 , 1 , 1 , 1 , 1 , 1 , 1 , 1 , 1	10000000000000000000000000000000000000	PHG (MCLG) [MRDLG]  N/A  N/A  N/A  N/A  N/A  N/A  PHG (MCLG)  PHG (MCLG)  NS	52 36 310 540 0 NTS AN 7.51 E MO GROUN	### NUMATER   NU	AVG. 62.75 39.3 343 568 3.5 0 7.7 ING RULE 3 R RANGE OF CITION AVG. 57.5	TYPICAL SOURCE OF CONTAMINANT  RUNOFF/LEACHING FROM NATURAL DEPOSITS; SEAWATER INFLUENCE  RUNOFF/LEACHING FROM NATURAL DEPOSITS; INDUSTRIAL WASTES  RUNOFF/LEACHING FROM NATURAL DEPOSITS  SUBSTANCES THAT FORM IONS WHEN IN WATER; SEA WATER INFLUENCES  NATURALLY-OCCURING ORGANIC MATERIALS  NATURALLY-OCCURING ORGANIC MATERIALS  PH IS AN EXPRESSION OF THE INTENSITY OF THE BASIC OR ACIDIC CONDITION OF A LIQUID	NO NO NO NO NO
CHLORIDE  SULFATE  TOTAL DISSOLVED SOLIDS  SPECIFIC CONDUCTANCE (E.C.)  COLOR  ODOR-THRESHOLD  PH  PARAMETER  CHLORATE  CHCOMIUM  HEXALVALENT CHROMIUM  MOLYBDENUM	2017 2017 2017 2017 2017 2017 2017 2017	units  mg/L  mg/L  umho/cm  unit  TON  LIST OF /  unit  UNREGUI  units  ug/L  ug/L	5 5 1 1 ( 1 , 1 , 1 , 1 , 1 , 1 , 1 , 1 , 1	10000000000000000000000000000000000000	PHG (MCLG) [MRDLG]  N/A  N/A  N/A  N/A  N/A  N/A  PHG (MCLG)  NS  NS	52 36 310 540 0 NTS AN 7.51 E MO GROUN 0 0.91 0.78	### ### ### ### ### ### ### ### ### ##	AVG. 62.75 39.3 343 568 3.5 0 7.7 ING RULE 3 R RANGE OF CTION AVG. 57.5 2.32	TYPICAL SOURCE OF CONTAMINANT  RUNOFF/LEACHING FROM NATURAL DEPOSITS; SEAWATER INFLUENCE  RUNOFF/LEACHING FROM NATURAL DEPOSITS; INDUSTRIAL WASTES  RUNOFF/LEACHING FROM NATURAL DEPOSITS  SUBSTANCES THAT FORM IONS WHEN IN WATER; SEA WATER INFLUENCES  NATURALLY-OCCURING ORGANIC MATERIALS  NATURALLY-OCCURING ORGANIC MATERIALS  PH IS AN EXPRESSION OF THE INTENSITY OF THE BASIC OR ACIDIC CONDITION OF A LIQUID	NO NO NO NO NO
CHLORIDE  SULFATE  TOTAL DISSOLVED SOLIDS  SPECIFIC CONDUCTANCE (E.C.)  COLOR  ODOR-THRESHOLD  PH  PARAMETER  CHLORATE  CHCORATE  CHCOMIUM  HEXALVALENT CHROMIUM	2017 2017 2017 2017 2017 2017 2017 2017	units  mg/L  mg/L  umho/cm  unit  TON  LIST OF /  unit  UNREGUI  uy/L  ug/L  ug/L	M 5 5 5 11(1 1.1)  ADDITION  NOTIFIE  8000  N  N  N	10000000000000000000000000000000000000	PHG (MCLG) [MRDLG]  N/A  N/A  N/A  N/A  N/A  N/A  PHG (MCLG)  NS  NS	52 36 310 540 0 NTS AN 7.51 E MO GROUI LOW 0 0.91 0.78	### ### ### ### ### ### ### ### ### ##	AVG. 62.75 39.3 343 568 3.5 0 7.7 ING RULE 3 R RANGE OF CTION AVG. 57.5 2.32 2.1	TYPICAL SOURCE OF CONTAMINANT  RUNOFF/LEACHING FROM NATURAL DEPOSITS; SEAWATER INFLUENCE  RUNOFF/LEACHING FROM NATURAL DEPOSITS; INDUSTRIAL WASTES  RUNOFF/LEACHING FROM NATURAL DEPOSITS  SUBSTANCES THAT FORM IONS WHEN IN WATER; SEA WATER INFLUENCES  NATURALLY-OCCURING ORGANIC MATERIALS  NATURALLY-OCCURING ORGANIC MATERIALS  PH IS AN EXPRESSION OF THE INTENSITY OF THE BASIC OR ACIDIC CONDITION OF A LIQUID	NO NO NO NO NO

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## Don't Be a Water Waster

- Adjust sprinklers so only your lawn is watered and not the house, sidewalk, or street.
- Run your clothes washer and dishwasher only when full. You can save up to 1,000 gallons a month.
- Monitor your water bill for unusually high use. Your bill and water meter are tools that can help you discover leaks.
- Water your lawn and garden in the morning or evening when temperatures are cooler.
- Use a broom instead of a hose to clean your driveway and sidewalk and save water every time.
- If water runs off your lawn easily, split your watering time into shorter periods for better absorption.

These great ideas and more can be found at wateruseitwisely.com/100-ways-to-conserve

