MY WATER QUALITY IN GUADALUPE

The City of Guadalupe is working to produce the highest quality drinking water for our customers.

The City receives water from two sources – ground water wells (from underground aquifers), and State surface water (through membership with Central Coast Water Authority). Both sources are monitored and assessed in accordance with government standards and monitoring requirements. Monitoring water quality and identifying potential issues is one of our primary goals.

The City prepares an annual report to inform customers of the quality of water being delivered. This report may contain data from January 1, 2017 to December 31, 2017, though representative it may also contain results from sample data prior to 2017. Results show that the water delivered to your home met all U.S. EPA and State drinking water health standards.

For more information about this report or for questions about any topic related to water, please contact Jaime Vidales, City of Guadalupe Water Department Supervisor, at (805) 356-3890.

Este informe contiene información importante sobre su agua de beber y como cumple con los estándares estatales y federales. Tradúzcalo o hable con alguien que lo entienda bien. Si no encuentra la manera de entender este reporte, por favor contacte a Jaime Vidales del departamento de agua de la Ciudad de Guadalupe al (805) 356-3890.



City of Guadalupe New Tognazzini Well 2A

The City of Guadalupe water system consists of two pumping stations, active and standby wells, three water storage tanks, and various water mains. Safe treatment and distribution of water is our daily goal, maintaining pumping stations, tanks, and water mains is vital to achieving that goal. The City also has security measures in place to ensure that our water supply is delivered to our customers safely and efficiently. Constantly monitoring our security ensuring best possible protection.



City of Guadalupe New Obispo Tank #2 Storage Tank

City of Gaadalape 2017

WATER QUALITY REPORT



This report provides information regarding the quality of drinking water for the City of Guadalupe during 2017. Included are details about where your water comes from, what it contains, and how it compares to established drinking water standards.



918 Obispo Street-Guadalupe, CA 93434 (805) 356-3890 www.ci.guadalupe.ca.us jvidales@ci.guadalupe.ca.us

CITY OF GUADALUPE ACTIVE SOURCE DETECTIONS FROM CITY WATER WELLS

	T	ABLE 1 – SAM	PLING RESU	LTS FOR	MICROB	IOLO	OGICAL	CON'	TAMINAT	ION (Distribu	ntion Lines only)	
Microbial Contaminant		Highest No. o Detections in month				MCL				PHG (MCLG)	Major Sources of Bacteria	
Total Coliform Bacteria (state Total Coliform Rule)		(in a month) 1 (Note 1)	0		5%	of Montl	f Monthly Samples Positive			0	Naturally Present in the Environment	
Fecal Coliform or E.coli (state Total Coliform Rule)		(In the year)	0		•	ple and repeat sample detecting positive either sample detects				0	Human and animal fecal waste	
E.coli (federal Revised Total Coliform Rule)		(In the year)	0	E.coli-	positive or sys	ositive or system fails to tak		oliform-positive and either is repeat samples E.coli-positive total coliform-positive repeat fo		0	Human and animal fecal waste	
		TAI		2- SAMPLING RES				COPP	ER (Distribut	ion lines only)		
Lead and Copper	*Date	No. of Sample Collected		entile level ected			AL		HG CLG)	Typical Source of Contaminant		
Lead (ppb)	6/2017 - 7/2017	20			0		15		Intern	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits		
Copper (ppb)	6/2017 - 7/2017	20	20 83		0		1300	31	ndustrial manufacturers, erosion of natural deposits Internal corrosion of household plumbing systems; erosion of n deposits; leaching from wood preservatives		sehold plumbing systems; erosion of natural	
	7/2017	TAI	BLE 3 – SAME	3 – SAMPLING RE		SULTS FOR SO		AND I	HARDNESS (Wells only)		vood preservatives	
Chemical	or			verage Level					HG	y (11 cm3 cm3)		
Constituent (and reporting units)		*Sample Date	Detected	, ,	Detections		MCL		CLG)	Typical Source of Contaminant		
Sodium (ppm)		2/28/17	48		18	None			Sum c		and is generally naturally occurring as present in the water, generally magnesium and	
Hardness (ppm)		2/28/17	430		30		None	None cale		m, and are usually	naturally occurring	
									DRINKING WATER STANDARD (Wells only)			
Chemical or constituent (and reporting units)		*Sample Date	Average Level Detected	Range of Detection		CL	PHG (MCLG)			Major Sour	ces in Drinking Water	
Total Trihalomethanes (ppb)		2/7/17	34.05	33.9 – 34.2		80	N/A			product of drinking water disinfection		
Haloacetic Acids (ppb)		2/7/17	20.25	20 – 20.5		50	N/A		**	king water disinfe	ction Iditive that promotes strong teeth; discharge from	
Fluoride (ppm) Chromium, Hexavalent		2/7/17, 2/28/17	0.18	0.16 – 0.19	, 2	2.0	1		fertilizer and aluminum factories Discharge from electroplating factories, leather tanneries, wood preservation,			
(6) (ppb)		2/7/17	1.2	1.2	See I	Note 2	0.02		chemical synthesis, refractory production, and textile manufacturing facilities; erosion of natural deposits			
Nickel (ppb)		2/7/17	19	19	1	00	12				ge from metal factories	
Nitrate + Nitrite as N (ppm)		2/7/17	0.47	0.47		10	10		Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion from natural deposits			
Total Chlorine Residual (ppm)		Daily-Year: 2017	1.83 (RAA)	1.35 – 2.52		DL = 4.0	MRDLG =	4.0	Drinking water disinfectant added for potable water treatment			
Uranium (pCi/L)		2014(avg), 1/12/16 2/7/17	3.82 6.3	3.23 – 4.4 6.3		20 15	(0)		Erosion of natural deposits Erosion of natural deposits			
Gross Alpha (pCi/L) Radium 228 (pCi/L)		5/13/14, 8/12/14	.025	0.3		5	.019	-	Erosion of natura	*		
TAF	BLE 5 – 3	SAMPLING RI	ESULTS OF C	ONTAMIN	NANTS W	/ITH	I SECONDA		Y DRINKING WATER STANDARD (Wells only)			
Chemical or constituent (and reporting units)		*Sample Date	Average Level Detected	Range of Detection		CL	PHG (MCLG)		Major Sources in Drinking Water			
Chloride (ppm)		2/28/17	17	17	5	000	N/A		Runoff/leaching from natural deposits; seawater influence			
Odor Threshold (TON)	2/7/17	1	1		3	N/A		Naturally-occurri	ng organic materia	ls	
Specific Conductance (µmho/cm)		2/28/17	940	940	10	500	N/A		Substances that form ions when in water; seawater influence			
Sulfate (ppm)		2/28/17	290	290	5	00	N/A		Runoff/leaching from natural deposits; industrial wastes			
Total Dissolved Solids (TDS) (ppm)		2/28/17	660	660	10	000	N/A		Runoff/leaching from natural deposits			
Total Suspended Solids (TSS) (ppm)		5-13-14	12	N/A	N	NA NA			Runoff/leaching from natural deposits and soil runoff			
Turbidity (NTU)		2/7/17	0.70	0.70			N/A		Soil runoff			
<i>a</i>	П	TABLE	6 – SAMPLIN	G RESUL	TS OF U	NRE(JULATE	<mark>D CO</mark>	<u>NTAMINA</u>	NTS (Wells o	only)	
Chemical or constituent (and reporting units		*Sample Date	Average Level Detected	Range of Detection		NL	PHG (MCLG)		Major Sources in Drinking Water			
Alkalinity (ppm)		2/28/17	230	230		I/A	N/A N/Δ		Runoff/leaching from natural deposits; seawater influence (No source identified)			
Bicarbonate (ppn Calcium (ppm)	1)	2/28/17 2/28/17	280 93	280 93		I/A I/A	N/A N/A		Runoff/leaching from natural deposits; seawater influence			
Corrosivity (SI)		Non-Corrosive	Non-Corrosive	Non-Corrosi		I/A	N/A			rially-influenced ba	alance of hydrogen, carbon and oxygen in the	
Magnesium (ppm	1)	2/28/17	47	47		I/A	N/A		Runoff/leaching	rom natural depos	its; seawater influence	
pH (units) Potassium (ppm)	+	2/28/17 2/28/17	7.6 2.8	7.6 2.8	N/A N/A		N/A N/A		Runoff/leaching from natural deposits; seawater influence Runoff/leaching from natural deposits; seawater influence			
Boron (ppb)		2/28/17	130	130		000	N/A		Babies of some pregnant women who drink water, contain notification level may have an increased risk of developm studies in laboratory animals.		no drink water, containing boron in excess of the	
Vanadium (ppb)		2/7/17	4.7	4.7		50	N/A		Babies of some p	regnant women wh may have an incre	no drink water, containing boron in excess of the ased risk of developmental effects, based on	
	TABLE	7 – *SAMPLING	G RESULTS SI	HOWING F	ECAL IN	DICA	TOR-PO	SITIV			OURCE SAMPLES	
		from groundwate							2100111			

^{*} The State allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old. If a contaminant is not in this report, the contaminant is either ND or below the DLR for 2017. Note: All results represent raw water from our active water wells, except microbiological, Lead and Copper, Trihalomethanes and Haloacetic Acids, and Chlorine Residuals, which were taken at

various distribution points in our water system.

Note 1: Sample positive due to sampling error. Resamples collected were all negative for coliforms.

Note 2: There is currently no MCL for hexavalent chromium. The previous MCL of 0.010 mg/L was withdrawn on September 11, 2017.

PURCHASED SURFACE WATER CENTRAL COAST WATER AUTHORITY

			(ENTE	RAL COA	AST WATER		RITY	
						TREATED	SOURCE		
Parameter	Units	State MCL	PHG (MCLG)	State DLR	Range Average	CCWA PPWTP	STATE WATER	Major Sources in Drinking Water	
PRIMARY STANDARDS—I	Mandator	y Health-Rel	lated Standa	ırds					
Clarity (a)	NTU	TT .1	N/TH 1 4 1		Range	0.04 0.19	NT A		
Combined Filter Effluent Turbidity	NIU			TU every 4 hours f samples <0.3 NTU		0.04 - 0.18 100%	NA NA	Soil runoff	
INORGANIC CHEMICALS	l .	l			%	10070	- 111		
Aluminum	ppm	1 (b)	0.6	0.05	Range	ND – 0.11	ND – 0.77	Residue from water Treatment process; Erosion of natural deposits	
Aummum	ppm	1 (0)	0.0	0.03	Average	0.066	0.26	<u> </u>	
Nitrate as Nitrogen	ppm	10 (h)	10	0.4	Range Average	0.44 0.44	0.56 0.56	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion from natural deposits	
DISTRIBUTION SYSTEM N	MONITOR	RING			Average	0.44	0.50		
	ppm	MRDL = 4.0	MRDLG = 4.0	NA	Range	1.1 - 3.1	NA	Manager of the Hilling of the Allender of the Line of	
Total Chlorine Residual					Average	2.2	NA	Measurement of the disinfectant used in the production of drinking water	
		5.0% of monthly samples	(0)		Range	0	NA		
Total Coliform Bacteria (c)					Average	0	NA	Naturally present in the environment	
					Highest	0%	NA		
Total Tribalamethanes (4)	ppb	80 60	NA NA	NA (e)	Range	26 - 55 36	NA NA	By product of drinking voter chloring:	
Total Trihalomethanes (d)					Average Highest LRAA	43.5	NA NA	By-product of drinking water chlorination	
					Range	6.2 – 22	NA NA		
Haloacetic Acids (d)	ppb				Average	14.2	NA	By-product of drinking water chlorination	
CECOND A DAY C'E A NID A DDC					Highest LRAA	15.2	NA		
SECONDARY STANDARDS—A					Range	8 – 145	8 – 142		
Chloride	ppm	500	NA	NA	Average	39	36	Runoff/leaching from natural deposits; seawater influence	
Color	ACU	15	NA	NA	Range	ND	25	Naturally-occurring organic materials	
Corrosivity (Aggressive Index)		None	NA NA		Average Range	ND 11	25 11	Balance of hydrogen, carbon, & oxygen in water, affected by temperature &	
(i) (Aggressive fluex)	None	Corrosive		NA	Average	11	11	other factors	
Odor Threshold	TON	3		1	Range	1.0	ND	Naturally-occurring organic materials	
Oddi Tiiresiiola	1011	,		1	Average	1.0 148 – 758	ND 105 – 702	raterally occurring organic materials	
Specific Conductance	uS/cm	1600	NA	NA	Range Average	306	265	Substances that form ions when in water; seawater influence	
Sulfate	nnm	500	NA	NA	Range	30	13	Runoff/leaching from natural deposits; industrial wastes	
Sunate	ppm	300	INA	IVA	Average	30	13	Kunon/leaching from natural deposits, industrial wastes	
Total Dissolved Solids (TDS)	ppm	1000	NA	NA	Range Average	77 – 394 165	55 – 365 142	Runoff/leaching from natural deposits	
Turbidity (Monthly) (a)	NTU	5	NA	NA	Range	0.04 - 0.09	0.43 – 49.3	Soil runoff	
			IVA	IVA	Average	0.05	7.7	Son runon	
ADDITIONAL PARAMETERS (I Alkalinity (Total) as CaCO ₃	Unregulated				Range	24 - 74	21 – 78		
equivalents	ppm	NA NA	NA NA	NA NA	Average	44	48	Runoff/leaching from natural deposits; seawater influence	
Calcium					Range	18 – 62	18 – 60		
Carcium	ppm	INA	INA	INA	Average	34	35	Runoff/leaching from natural deposits; seawater influence	
Chromium, Hexavalent	ppb	NA	0.02	NA	Range	0.050	0.051	Discharge from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities;	
om omnum, ricadvaicht	PPO	11/1	0.02	11/1	Average	0.050	0.051	erosion of natural deposits	
Hardness (Total) as CaCO ₃	ppm	NA	NA	NA	Range	32 – 140	32 – 140	Leaching from natural deposits	
-	CFU/				Average Range	67 0 – 22	68 NA	•	
Heterotrophic Plate Count (f)	mL	TT	NA	NA	Average	0.8	NA	Naturally present in the environment	
Iron, Total	ppb	300	NA	100	Range	ND	760	Leaching from natural deposits, industrial wastes	
-					Average Range	ND 4.8	760 4.6		
Magnesium	ppm	NA	NA	NA	Average	4.8	4.6	Runoff/leaching from natural deposits; seawater influence	
Manganese, Total	ppb	NA	NA	NA	Range	ND	39	Runoff/leaching from natural deposits; seawater influence	
	PPO		. 12.1	1171	Average Range	ND 1 – 3	39 1 – 3		
2-Methylisoborneal	ng/L	NA	NA	NA	Average	1.6	2.1	(No source identified)	
рH	pН	NA	NA	NA	Range	8.03 - 8.50	7.50 - 8.55	Runoff/leaching from natural deposits; seawater influence	
r	Units				Average	8.29	7.80	mig nom maan deposits, seaware minuence	
Potassium	ppm	NA	NA	NA	Range Average	1.7 1.7	1.7 1.7	Runoff/leaching from natural deposits; seawater influence	
Sodium	ppm	NA	NA	NA	Range	24	14	Runoff/leaching from natural deposits; seawater influence	
	PPIII	11/1	11/1	11/1	Average	24	14	ranors reaching from natural deposits, seaware influence	
Total Organic Carbon (TOC) (g)	ppm	TT	NA	0.30	Range Average	1.6 – 2.7 2.0	2.9 - 6.1 3.6	Various natural and man-made sources	
Footnotes: Abbreviations and Notes	<u> </u>	(i) A	l <u>></u> 12.0 = Non-aç	agressive wa			Saturation Index		

Footnotes: Abbreviations and Notes
(a) Turbidity (NTU) is a measure of the cloudiness of the water and it is a good indicator of the effectiveness of our filtration system. Monthly turbidity values are listed in the Secondary

effectiveness of our filtration system. Monthly turbidity values are listed in the Secondary Standards section.

(b) Aluminum has a Secondary MCL of 0.2 ppm.
(c) Total coliform MCLs: Systems that collect >40 sample/month no more than 5.0% of the monthly samples may be Total Coliform positive. Systems that collect >40 per month no more than 1 positive sample per month may be Total Coliform positive. Systems that collect >40 per month no more than 1 positive sample per month may be Total Coliform positive. Fecal coliform/E.coli MCL's: The occurrence of 2 consecutive Total Coliform/E.coli, constitutes an acute MCL violation.

(d) Compliance based on the running quarterly annual average of distribution system samples.

(e) Monochloroacetic Acid (MCAA) has a DLR of 2.0 ug/L while the other four Haloacetic Acids have DLR's of 1.0 ug/L.

(f) Pour plate technique
(g) TOCs are taken at the treatment plant's combined filter effluent.

(h) State MCL is 45 mg/L as nitrate, which equals 10 mg/L as N.

Average

(I) Al>12.0 = Non-aggressive water
Al (10.0-11.9) = Moderately aggressive water
Al = (10.0 = Highly aggressive water
Al = (10.0 = Highly aggressive water
Reference: ANSI/AWWA Standard C400-93
(R98)
AL = Regulatory Action Level
ACU = Apparent Color Units
CCWA= Central Coast Water Authority
CFU/ml = Colony Forming Units per milliliter
DLR = Detection Level for purposes of Reporting
MCL = Maximum Contaminant Level
MCLG = Maximum Contaminant Level Goal

MCL = Maximum Contaminant Level
MCLG = Maximum Contaminant Level Goal
MRDL = Maximum
MRDLG = Maximum
MRDLG = Maximum Residual Disinfectant Goal
NA = Not Applicable
NL=Notification Level
ND = None Detected

ND = None Detected
NTU = Nephelometric Turbidity Units
pCi/L = PicoCuries per liter
PHG = Public Health Goal
ppb = parts per billion, or micrograms per liter
(µg/L)
ppm = parts per million, or milligrams per liter
(mg/L)
RAA = Running Annual Average
LRAA = Locational Running Annual Average

SI = Saturation Index
TON=Threshold Odor Number
TOC = Total Organic Carbon
TT = Treatment Technique

µmho/cm = micromhos per centimeter (unit of

specific conductance of water).

WHERE DOES YOUR WATER COME FROM?

The sources of safe drinking water (both tap water and bottled water) include rivers, streams, reservoirs, springs, and wells. As water travels over the surface of the earth or through the ground, it dissolves naturally occurring minerals and in some cases hazardous materials. It can also pick up substances resulting from human activity or the presence of animals.

In 2017, the City of Guadalupe drew 45% well water from our active wells within our city, and 55% surface water from the State water project (Central Coast Water Authority). Water from our wells is treated at our distribution center, then mixed in our reservoirs for distribution. Water from the State project is treated at the Polonio Pass Water Treatment Plant, and delivered directly to our tank. For more details on the treatment process of the State water project, please call the City of Guadalupe Water Department Supervisor at (805) 356-3890.

Contaminants that may be present in source water include:

- Microbial Contaminants, such as viruses and bacteria that may come from septic systems, sewage treatment plants, agricultural livestock, and wildlife
- Inorganic contaminants, such as salts and metals that can be naturally-occurring or result from storm water runoff, industrial or domestic wastewater discharge, oil and gas production, mining, or farming
- Pesticides and herbicides, which may come from a variety of sources such as agricultural and urban storm water runoff as well as residential use.
- Organic chemical contaminants, including synthetic and volatile organic chemicals that are byproducts of industrial processes and petroleum production and can also come from gas stations, urban storm water runoff, agricultural applications, and septic systems.
- Radioactive contaminants which can be naturally occurring or the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the United States Environmental Protection Agency (USEPA) and the State Water Resources Control Board, (SWRCB) prescribe regulations that limit the amount of certain contaminants in drinking water provided by public systems. USEPA and SWRCB regulations also establish limits for contaminants in bottled water.

Definitions

- Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to public health goals as economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.
- 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 USEPA.
- 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 Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. The addition of a disinfectant is necessary for control of microbial contaminants.
- Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health.
- Primary Drinking Water Standards (PDWS): MCLs or MRDLs for contaminants that affect health along with their monitoring, reporting, and water treatment requirements.
- Secondary Drinking Water Standards (SDWS): MCLs for contaminants that affect taste, odor, and appearance of drinking water.
- Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.
- Regulatory Action Level (AL): The concentration of a contaminant that a water system must not exceed.

Additional Information on Drinking Water

Drinking water, both tap water and bottled water, may reasonably contain small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a risk to health. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline at the number below. Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised persons such as cancer patients undergoing chemotherapy, persons who have undergone organ transplants, who have HIV/AIDS or other immune system disorders, and 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 and Centers for Disease Control guidelines on appropriate means to lessen the risk of infection by Cryptosporidium or microbial contaminants are available from the Safe Drinking Water Hotline at 800-426-4791 or at www.epa.gov/safewater/resource, and/or

https://www.cdph.ca.gov/Programs/CEH/DFDCS/Pages/FDBPrograms/FoodSafetyProgram/Water.aspx

City of Guadalupe-Chemicals Used for Disinfection

The City of Guadalupe uses both chlorine and chloramines as primary forms of disinfection. Chlorine and Chloramines are both state and federally approved forms of disinfection, but unlike chlorine, chloramines minimize disinfection byproduct formation. Another benefit of chloramines is improved taste of the drinking water as compared to chlorine. Chloramines are used by many water utilities. Chloramines have the same effect as chlorine for typical water use with the exception that chloramines must be removed from water used in kidney dialysis and for fish tanks and aquariums. Treatments to remove chloramines from water are different than treatments for removing chlorine. Please contact your physician or dialysis specialist for questions pertaining to kidney dialysis water treatment. Contact your pet store or veterinarian for questions regarding water used for fish and other aquatic life. You may also call 800-111-2222 for additional chloramine information.

City of Guadalupe Water Assessment

An assessment of the drinking water sources for the City of Guadalupe found that they are most vulnerable to the following activities associated with potential contaminants in the water supply – runoff and leaching from fertilizer use plus the erosion of natural mineral deposits.

Detection of Contaminants Summary

Nitrate: Nitrate in drinking water at levels above 10 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 an infant's blood to carry oxygen, resulting in serious illness. Symptoms include shortness of breath and blueness of the skin. Nitrate levels above 10 mg/L may also affect the ability of blood to carry oxygen in other individuals, such as pregnant women and those with certain specific enzyme deficiencies. If you are caring for an infant or you are pregnant, you should ask advice from your health care provider.

Lead: 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 of Guadalupe is responsible for providing quality drinking water, but the City cannot control the variety of materials used in plumbing components. If the water in your home has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants. If you are concerned about lead in your water, you may want to have your home 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 at 800-426-4791 or at http://www.epa.gov/safewater/lead

Hexavalent Chromium (6): Some people who drink water containing hexavalent chromium in excess of the MCL over many years may have an increased risk of getting cancer. There is currently no MCL for hexavalent chromium. The previous MCL of 0.010 mg/L (10 ppb) was withdrawn on September 11, 2017. However, any hexavalent chromium results above the detection limit of 1 ppb is reported.

Trihalomethanes (THMs) and Haloacetic Acids (HAA5s): The City has been monitoring these contaminants with direction of state regulatory agencies, resulting in a detection of these contaminants in your water. THMs and HAA5s are disinfection byproducts that are produced when a disinfectant like chlorine, or chloramines, are added to the drinking water where organic matter is present. As a result of the two mixing together, they form byproducts. Some people who drink water containing THMs and HAA5s in excess of the MCL over many years may experience liver, kidney or central nervous problems and may have an increased risk of cancer. For more information on disinfection byproducts please call the Safe Drinking Water Hotline at 800-426-4791 or visit

http://water.epa.gov/drink/contaminants/basicinformation/disinfectionbyproducts.com

About Water Blending: The City combines well water with State surface water to offset any contaminants that may be present in either source and to ensure that the water delivered to your home meets all State and Federal drinking water standards. For questions: Please call Jaime Vidales at the City of Guadalupe Water

Department, (805) 356-3890.

Public Participation Opportunities: The Guadalupe City Council meets every 2nd Tuesday of each month at 6pm at the Council Chambers located at 918 Obispo St. Guadalupe, CA.