

PWS# 0290002

EXCELLENCE IN WATER QUALITY

Port Lavaca Water Department 361-552-9793 Ext. 239

GBRA Water Treatment Plant 361-552-9751

Dear Customer,

The City of Port Lavaca is pleased to provide you with the 2021 Water Quality Report (January 1-December 31, 2021). We take all possible precautions to safeguard your water supply and hope you will be encouraged to learn about the high quality of water provided to you.

The federal Safe Drinking Water Act (SDWA) requires water utilities to issue an annual report to customers, in addition to other notices that may be required by law. This report explains where your drinking water comes from, what it contains, and the health risks our water testing and treatment are designed to prevent.

We are committed to providing you with information about your water supply because informed customers are our best allies in supporting improvements needed to maintain the highest drinking water standards.

We are proud to report that the Texas Commission on Environmental Quality (TCEQ) has assessed our system and determined that your drinking water, provided by the City of Port Lavaca through the Guadalupe-Blanco River Authority's surface water treatment plant, meets or exceeds all federal and state water quality standards.

The tables on this report list all substances that were detected in our treated water, and the highest level at which they were detected. The tables also reflect the highest levels allowed by federal regulatory agencies. Please read this information carefully and if you have questions, call

the numbers listed in this report.

Customer Views Welcome

The City of Port Lavaca strongly supports the national primary water regulation compliance process. If you are interested in learning more about the water department, water quality, or participating in the decision-making process, there are a number of opportunities available.

Questions about water quality can be answered by calling 361-552-9793 Ext. 239 from 8 am -5 pm, Monday through Friday. Inquiries about public participation and policy decisions should be directed to the City Secretary's office at 361-552-9793 Ext. 225.

The Port Lavaca City Council meets every 2nd Monday of the month at 6:30 pm at City Hall and all meetings are open to the public. Our website is www.portlavaca.org. For an electronic version of this document please visit: www.gbra.org/documents/publications/ccrs/2021/PortLavaca.pdf

En Español

Este informe incluye information importante sobre el agua potable. Si tiene preguntas o commentarios sobre este informe en Espanol, favor de llamar al tel. 361-552-9793 Ext. 239 para hablar con una personal bilingue en espanol durante las horas regulares de oficina (8 am – 5 pm).

CONSERVE WATER/SAVE WATER!

Water Saving Tips: Reduce indoor water usage by 40-50% by installing low-flush toilets and low flow fixtures

Water lawns once a week rather than a short period every day

Fix leaks and stop the dripping faucets

American Water Works Drip calculator to estimate water waste

https://drinktap.org/Water-Info/Water-Conservation/Drip-Calculator

Information about your Drinking Water

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

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 EPAs Safe Drinking Water Hotline at (800) 426-4791.

Contaminants that may be present in source water include:

- 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 storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Contaminants may be found in drinking water that may cause taste, color, or odor problems. These types of problems are not necessarily causes for health concerns. For more information on taste, odor, or color of drinking water, please contact the system's business office.

You may be more vulnerable than the general population to certain microbial contaminants, such as Cryptosporidium, in drinking water. Infants, some elderly, or immunocompromised persons such as those undergoing chemotherapy for cancer; persons who have undergone organ transplants; those who are undergoing treatment with steroids; and people with HIV/AIDS or other immune system disorders, can be particularly at risk from infections. You should seek advice about drinking water from your physician or health care providers. Additional guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline (800-426-4791).

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. We are responsible for providing high quality drinking water, but we 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 your 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 at http://www.epa.gov/safewater/lead.



Where Do We Get Our Drinking Water?

The City of Port Lavaca received its water from surface water diverted from the Guadalupe River and treated at the GBRA Water Treatment Plant operated by the Guadalupe-Blanco River Authority (GBRA).

A Source Water Susceptibility for your drinking water source was conducted by TCEQ in 2004. This report describes the susceptibility and types of constituents that may come into contact with the drinking water source based on human activities and natural conditions. The system from which we purchase our water received the assessment report. For more information on source water assessments and protection efforts at our system contact GBRA Water Treatment Plant at 361-552-9751.

Trained operators monitor and test the water, including the addition of fluoride and chloramine, to ensure that our water meets or exceeds all state and federal drinking water standards. The treated water is delivered to the city's water towers and delivered through its distribution system to you. For information on the treatment of your drinking water and water quality protection efforts, contact the GBRA Port Lavaca Water Treatment Plant at 361-552-9751.

What We Found

The following tables list the contaminants that have been found in your drinking water. USEPA requires water systems to test for more than 97 contaminants. The column marked "Highest Level at Any Sampling Point" shows the highest test results during the year. The "Source of Contaminant" column shows where the substance usually originates.

DEFINITIONS and ABREVIATIONS

Action Level (AL) – the concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Action Level Goal (ALG) – The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.

Avg – Regulatory compliance with some MCL's are based on running annual average of monthly samples.

Maximum Contaminant Level (MCL) – the highest level of the contaminant allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) – the level of a contaminant in drinking water below which there is no known or expected health risk. MCLG's allow for a margin of safety.

Maximum residual disinfectant level or 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.

Maximum residual disinfectant level goal or 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.

MRL – Minimum reporting level

NA – Not Applicable

ND – Not Detected

NTU's – Nephelometric Turbidity Units

pCi/L - picocuries per liter (a measure of radioactivity)

ppm – parts per million, or milligrams per liter (mg/L)

ppb – parts per billion (ug/L)

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



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Year	Detected Constituent	Highest Level of Any	Number of	MCL	MCLG	Units of Measure	Source of Co	onstituent								
	CONDUCTOR	Sample Point	Analyses			Wododio										
organics																
2021	Fluoride	0.52	1	4	4	ppm			s; w ater add	tive which p	romotes stro	ng teeth; runof	f from			
2024	Danissa	0.0789	1	2	2		fertilizer use									
2021	Barium Nitrate	0.0789	1	10	10	ppm		drilling waste				astew ater effl	ient:			
2021	THEFALC	0.70		10	10	ppiii		atural deposit		II Sopilo tair	S, irodica w	istow ator criti	Jone,			
2021	Chromium	ND	1	100	100	ppb		om steel and		sion of natu	ral deposits.					
2017	Gross Beta	5.6	1	50	0	pCi/I	Decay of mir	eral and man	-made depos	its.						
	Emitters															
rganics Year	Detected	Concentration	Number of	MCL	MCLG	Unit of	Source of Co	netituont			_				_	_
i cai	Constituent	Detected	Analyses	IVICE	IVICEG	Measure	Source or Ca	Jiistituerit								
2021	Atrazine	0.1	1	3	3	ppb	Runoff from	herbicide use	d on row cro	ps.						
	d Contaminants	i i EDA I							FDA							
	contaminants are those for will contaminants in drinking water															
	w w .epa.gov/safew ater/ucmr/						c reported									
Year	Constituent		Average Concentration		Range of		Reason for I	Monitoring								
			of Analysis		Detected Leve	els										
rihalomet			40.00		70::::			l. FF:								
2021	Chloroform Bromoform		18.16 3.02		7.9-43.3 2.0-3.9	-	Monitoring he to regulate th			re certain c	ontaminants o	ccur and whe	tner it needs	-	-	
2021	Bromotorm Bromodichlormethane		22.08		12.9-41.8		to regulate tr	iose contamir	iai Ilò.		+	+		1		
2021	Chlorodibromomethane		15.58		9.9-21.7											
aloacetic	Acids															
2021	Chloroacetic acid		ND		ND-ND					re certain c	ontaminants o	ccur and whe	ther it needs			
2021	Dichloroacetic acid		14.4		5.9-30.6		to regulate th	nose contamir	ants.							
2021	Trichloroacetic acid Bromoacetic acid		7.1 ND		2.7-15.7 ND-ND											
2021	Dibromoacetic acid		4.3		3.3-5.2											
2021	Bromochloroacetic acid		9.1		4.9-14.7											
	n Byproducts		A I I	No. in a second	14	1.40	11.7.7.11	0			_					_
ear 2021	Contaminant Total Haloacetic Acids		Average level 25.83	Minimum level 11.9	Maximum lev 51.5	60	ppb	Source of Co Byproduct of		tor disinfact	on					_
2021	Total Trihalomethanes		63.65	37.2	110	80	ppb	Byproduct of								
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2021 OC (Total organic disinfector Year 2021 2021 OC (Total organic disinfector Year 2021	isms include bacteria, viruses. Detected Constituent Turbidity t Residuals Constituent Chloramines Organic Carbon) c carbon (TOC) has no health e on include trihalomethanes (TH Detected Constituent Source Water TOC Drinking Water Removal Ratio o is the percent of TOC removacteria Highest No. of Coliform	and parasites the Highest Single Measurement 0.22 Highest Average 3.68 effects. The disinus half parasite of the Measurement 5.48 2.86 1.98	Range of Detects (low-high) 1.0-5.0 Ifectant can combine wit ic acids (HAA) w hich are Minimum Measurement 2.23 1.46 1.42 ent process divided by the EColi Maximum Containment Level System has a combination of routine	such as nausea, Low est Monthly % of Samples Meeting Limits 100 MRDL 4 h TOC to form disis e reported elsew h Maximum Measurement 12.9 5.59 2.33 e percent of TOC to Total No. of Positive E/Coli	MCLG 4 Infection byproper in this rep Units of Weasuremen ppm ppm ppm ppm cquired by TG	nea, and assort Turbidity Limits 0.3 Units ppm ducts. Disinoort. Source of Ct Naturally oc Naturally present in	ciated heada Unit of Measure NTU Source of C Disinfectant fection is nec- constituent curing and the curing and the	ches. Source of Co Organic part Organic part used to contr essary to ens	cles. ol microbes. ure that w at	ease-causin	g organisms.	in the levels of	pathogens.	Byproducts		
zo21 zo21 zo21 zo21 zo21 zo21 zo21 zo21	isms include bacteria, viruses. Detected Constituent Turbidity t Residuals Constituent Chloramines Organic Carbon) carbon (TOC) has no health e in include trihalomethanes (TH Detected Constituent Source Water TOC Drinking Water Removal Ratio o is the percent of TOC removacteria Highest No. of Coliform Positive	and parasites the Highest Single Measurement 0.22 Highest Average 3.68 effects. The disinus half parasite of the Measurement 5.48 2.86 1.98	Range of Detects (low-high) 1.0-5.0 Infectant can combine with the acids (HAA) which are Minimum Measurement 2.23 1.46 1.42 ent process divided by the EColi Maximum Containment Level System has a	such as nausea, Low est Monthly % of Samples Meeting Limits 100 MRDL 4 h TOC to form disis e reported elsew h Maximum Measurement 12.9 5.59 2.33 e percent of TOC t Total No. of Positive EColi Samples	MCLG 4 Infection byprorere in this regulation of Massuremen ppm ppm ppm % 4 Violation	nea, and assot Turbidity Limits 0.3 Units One of Cott Naturally oc Naturally oc CEQ to be ren Likely Source of Cortamination Naturally	ciated heada Unit of Measure NTU Source of C Disinfectant fection is nec- constituent curing and the curing and the noved.	ches. Source of Co Organic part Organic part used to contr essary to ens	cles. ol microbes. ure that w at	ease-causin	g organisms.	butable levels of	pathogens.	Byproducts		



Table II -	Tests results for the	City of Po	rt Lavaca Custom	ers (Sampled	l in the P	ort Lavac	a Distribu	ition Syst	em)							
Inorganics Year	Detected	Measured	Number	MCL	MCLG	Unit of	Source of Co	nstituent								
	Constituent	Concentration		IVIOL	IVIOLO	Measure	Cource or Co	Jistituciit								
2021	Nitrogen, Nitrate	0.71	Analyses	10	10	ppm	Punoff from	fortilizor uso:	looching from	m contic tank	: treated wa	stew ater efflu	iont: orosion	of		
2021	Nitrogen, Nitrate	0.71		10	10	ppiii	natural depo		leeching from	in septic tank	s, treated was	stew ater erric	Jeni, erosion	OI		
	ory - Nitrate in drinking water a															
Nitrate levels	may rise quickly for short period	ods of time bec	ause of rainfall or agricult	ural activity. If you	are caring for	or an infant, y	ou should asl	advice from	your health o	care provider				-		
	opper (Analyzed every 3 ye															
Year	Detected Constituent	The 90th Percentile	Number of Sites Exceeding Action	Action Level		Unit of Measure	Source of Co	onstituent								
2019	Lead	2.8	0	15		ppb	Corrosion of	house hold p	lumbing syst	ems; erosion	of natural dep	oosits				
2019	Copper	0.38	2	1.3		ppm	Corrosion of							_		
	evated levels of lead can cause ng. This water supply is respon													u .		
can minimize	the potential for lead exposure	by flushing yo	ur tap for 30 seconds to 2	minutes before u	sing water fo	r drinking or o	cooking. If you	are concerr	ned about lea	d in your wat	er, you may v			sted.		
Information or	n lead in drinking water, testing	methods, and	steps you can take to min	imize exposure is	available fron	nthe Safe Dr	nking Water F	otline or at ht	tp://www.ep	a.gov/safew	ater/lead.					
	esidual Disinfectant Level															
Systems mus Year	t complete and submit disinfect Disinfectant	tion data on the Average	Surface Water Monthly C Minimum	Operations Report Maximum	(SWMOR). C	n the CCR re	Source of Co		de disinfecta	nt type, minim	num, maximum	, and average	e levels.			
i eai	Disini ectant	level	level	level	IVINDL	Measure	Source or Co	ristituerit								
2021	Chloramine Residual	2.7	0.03	5.85	4	ppm	Disinfectant	used to contr	ol microbes.							
Total Trihak	omethanes (TTHM)															
Year	Detected	Average of	Range of	MCL	MCLG	Unit of	Source of Co	onstituent								
	Constituent	Sampling Points	Detected Levels			Measure										
	Total	1 OII ILO	Ecveis													
2021	Trihalomethanes	89	38.4-121	80	0	ppb	By-product of	of drinking wa	ter chlorinati	on.						
Haloacetic A	Acids (HAA5)															
Year	Detected	Average of	Range of	MCL	MCLG	Unit of	Source of Co	onstituent								
	Constituent	Sampling Points	Detected Levels			Measure										
	Total	TOIRES	LCVCIS													
2021	Haloacetic Acids	37	12.1-69.4	60	0	ppb	By-product of	of drinking wa	ater chlorinati	on.						
Coliform Ba	cteria															
Maximum				Total No. of		Likely										
Contaminant Level Goal	Highest No. of Coliform Positive		E.Coli Maximum Containment Level	Positive E.Coli Samples	Violation	Source of Contamination										
			System has a			Naturally										
0	0		combination of routine	0	N	present in										
			and repeat coliform and E.coli positive samples			the environment										
Violations T Violation Type		Violation Bega	an .	Violation End	Violation Exp	planation										
TTHM MCL,			<u> </u>				hat the amoun	t of this conta	aminant in our	r drinking wat	er was above	e its standard	(called a ma	ximum contamir	nant	
LRAA	SITE 3	1/1/2021		3/31/2021			L) for the peri			United by the		J IIO OIGI IGGI G	(oanoa a me		l l	
TTHM MCL,									aminant in our	drinking wat	for was above	n ite etandard	(called a ma	ximum contamir	nant	
LRAA	SITE 2	4/1/2021		6/30/2021			L) for the peri		arriiriarrit iir Our	uninking wan	er was above	is staridard	(called a frie	IXIII COIII	IIaiit	
TTHM MCL,										12.12			/ W . I			
LRAA	SITE 3	4/1/2021		6/30/2021					aminant in our	r drinking wai	er was above	e its standard	(called a ma	ximum contamir	nant	
TTHM MCL,	THM MCL.						L) for the peri									
LRAA	SITE 4	4/1/2021		6/30/2021					aminant in our	r drinking wat	er was above	e its standard	(called a ma	ximum contamir	nant	
TTHM MCL,							L) for the peri									
LRAA	SITE 3	7/1/2021		9/30/2021	Water samp	les show ed t	hat the amoun	t of this conta	aminant in our	r drinking wat	er was above	e its standard	(called a ma	ıximum contamir	nant	
-					level and ab	breviated MC	L) for the peri	od indicated.				1	_		1	
Water Loss	for the City of Port Lavaca															
	(million gallons) for the year or	42.4 %														
Secondary a	and Other Constituents Not	Regulated														
(No associate	ed adverse health effects)															
Year	Constituent	Measured Concentration	Number of Analyses	Secondary Limit	Unit of Measure	Source of C	onstituent									
2021	Aluminum	42.5	1	50	ppb	Abundant na	aturally occuri	ng element								
		201	1	NA	ppm		carbonate ro		limestone.							
2021	Bicarbonate				ppm		aturally occuri		sed in water	nurification I	hyproduct of a	oil field activity	,			
2021 2021	Calcium	70.3	1	NA 300		Ahundant n										
2021			1 1 1	300 NA	ppm ppm		turally occuri household pl	umbing syste		rom natural d	ieposits; ieeci	ning from w oc	od preservati	ves.		
2021 2021 2021 2021 2021 2021	Calcium Chloride Copper Hardness as Ca/Mg	70.3 101 0.0866 248	1 1 1	300 NA NA	ppm ppm ppm	Corrosion of Naturally oc	household pl curring calciu	m and magne	ms; erosion f	rom natural d	leposits; leecr	ning from w oc	od preservati	ves.		
2021 2021 2021 2021 2021 2021 2021	Calcium Chloride Copper Hardness as Ca/Mg Magnesium	70.3 101 0.0866 248 17.5	1 1 1 1	300 NA NA NA	ppm ppm ppm ppm	Corrosion of Naturally oc Abundant na	household pl curring calcium aturally occuri	m and magne: ng element.	ms; erosion f	rom natural d	leposits; leecr	ning from w oc	od preservati	ves.		
2021 2021 2021 2021 2021 2021 2021 2021	Calcium Chloride Copper Hardness as Ca/Mg	70.3 101 0.0866 248 17.5 7.7 0.0039	1 1 1	300 NA NA NA 7	ppm ppm ppm	Corrosion of Naturally oc Abundant na Measure of	household pl curring calciun aturally occuri corrosivity of	m and magne ng element. w ater.	ms; erosion f sium.		eposits; leecr	ning from w oc	od preservati	ves.		
2021 2021 2021 2021 2021 2021 2021 2021	Calcium Chloride Copper Hardness as Ca/Mg Magnesium pH Nickel Sodium	70.3 101 0.0866 248 17.5 7.7 0.0039 73.3	1 1 1 1 1 1 1 1	300 NA NA NA 7 0.1	ppm ppm ppm ppm units ppm	Corrosion of Naturally oc Abundant na Measure of	household pl curring calcium aturally occuri	m and magne ng element. w ater.	ms; erosion f sium.		eposits, leecr	ning from w oc	od preservati	ves.		
2021 2021 2021 2021 2021 2021 2021 2021	Calcium Chloride Copper Hardness as Ca/Mg Magnesium pH Nickel	70.3 101 0.0866 248 17.5 7.7 0.0039	1 1 1 1 1 1	300 NA NA NA 7	ppm ppm ppm ppm ppm units ppm	Corrosion of Naturally oc Abundant na Measure of Erosion of n	household pl curring calcius aturally occuric corrosivity of atural deposit	m and magnering element. w ater. s. Byproduct	ms; erosion f sium. of oil field ac	ctivity.			od preservati	ves.		
2021 2021 2021 2021 2021 2021 2021 2021	Calcium Chloride Copper Hardness as Ca/Mg Magnesium pH Nickel Sodium Zinc Sulfate Total Alkalinity	70.3 101 0.0866 248 17.5 7.7 0.0039 73.3 ND	1 1 1 1 1 1 1 1 1 1 1	300 NA NA NA 7 0.1 NA 5 300	ppm ppm ppm ppm units ppm ppm ppm ppm	Corrosion of Naturally oc Abundant na Measure of Erosion of na Naturally oc	household pl curring calciur aturally occuri corrosivity of atural deposit curring, comm	m and magnering element. w ater. s. Byproduct on industrial	ms; erosion f sium. of oil field ac byproduct, by	ctivity.			od preservati	ves.		
2021 2021 2021 2021 2021 2021 2021 2021	Calcium Chloride Copper Hardness as Ca/Mg Magnesium pH Nickel Sodium Zinc Sulfate Total Alkalinity as CaCO3	70.3 101 0.0866 248 17.5 7.7 0.0039 73.3 ND	1 1 1 1 1 1 1 1 1	300 NA NA NA 7 0.1 NA 5	ppm ppm ppm ppm units ppm ppm ppm	Corrosion of Naturally oc Abundant na Measure of Erosion of na Naturally oc	household pl curring calcius aturally occuric corrosivity of atural deposit	m and magnering element. w ater. s. Byproduct on industrial	ms; erosion f sium. of oil field ac byproduct, by	ctivity.			d preservati	ves.		
2021 2021 2021 2021 2021 2021 2021 2021	Calcium Chloride Copper Hardness as Ca/Mg Magnesium pH Nickel Sodium Zinc Sulfate Total Alkalinity	70.3 101 0.0866 248 17.5 7.7 0.0039 73.3 ND	1 1 1 1 1 1 1 1 1 1 1	300 NA NA NA 7 0.1 NA 5 300	ppm ppm ppm ppm units ppm ppm ppm ppm	Corrosion of Naturally oc Abundant na Measure of Erosion of n Naturally oc Naturally oc	household pl curring calciur aturally occuri corrosivity of atural deposit curring, comm	m and magne: ng element. w ater. s. Byproduct on industrial	ms; erosion f sium. of oil field ac byproduct, by	ctivity.			d preservati	ves.		
2021 2021 2021 2021 2021 2021 2021 2021	Calcium Chloride Copper Hardness as Ca/Mg Magnesium pH Nickel Sodium Zinc Sulfate Total Alkalinity as CaCO3 Total Dissolved	70.3 101 0.0866 248 17.5 7.7 0.0039 73.3 ND 97	1 1 1 1 1 1 1 1 1 1 1 1	300 NA NA NA 7 0.1 NA 5 300	ppm ppm ppm ppm units ppm ppm ppm ppm	Corrosion of Naturally oc Abundant na Measure of Erosion of n Naturally oc Naturally oc	household pl curring calciun aturally occuri corrosivity of atural deposit curring, commo	m and magne: ng element. w ater. s. Byproduct on industrial	ms; erosion f sium. of oil field ac byproduct, by	ctivity.			d preservati	ves.		

