

2022 Annual Drinking Water Quality Report

SAN LEON MUNICIPAL UTILITY DISTRICT (CONSUMER CONFIDENCE REPORT)

PUBLIC BOARD MEETINGS - Date: Third Tuesday of Every Month
Time: 6:30 p.m. **Location:** San Leon Municipal Utility District, 443 24th Street in San Leon
EPA'S SAFE DRINKING WATER HOTLINE 1-800-426-4761

Annual Water Quality Report for the period of January 1, 2022 to December 31, 2022

This report is intended to provide you with important information about your drinking water and the efforts made by the water system to provide safe drinking water. For more information regarding this report, contact our District Manager, Andrew Miller, at (281)339-1586.

En Español

Este reporte incluye información importante sobre el agua para tomar.
Para asistencia en español, favor de llamar al telefono (281) 339-1586.

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 EPA's 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>.

Information about Source Water

San Leon MUD purchases water from Gulf Coast Water Authority in Texas City, Texas. Gulf Coast Water Authority in Texas City, Texas, provides purchase surface water from Brazos River located in Galveston County.

TCEQ completed an assessment of your source water, and results indicate that some of our sources are susceptible to certain contaminants. The sampling requirements for your water system is based on this susceptibility and previous sample data. Any detections of these contaminants will be found in this Consumer Confidence Report. For more information on source water assessments and protection efforts at our system contact our District Manager, Andrew Miller, at (281) 339-1586.

For more information about your sources of water, please refer to the Source Water Assessment Viewer available at the following URL: <http://www.tceq.texas.gov/gis/swaview>

Further details about sources and source-water assessments are available in Drinking Water Watch at the following URL: <http://dww2.tceq.texas.gov/DWW/>

Definitions and Abbreviations

Definitions and Abbreviations	The following tables contain scientific terms and measures, some of which may require explanation.
Action Level:	The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Avg:	Regulatory compliance with some MCLs are based on running annual average of monthly samples.
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 Contaminant Level or MCL:	The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
Maximum Contaminant Level Goal or MCLG:	The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs 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.
MFL:	million fibers per liter (a measure of asbestos)
mrem:	millirems per year (a measure of radiation absorbed by the body)
na:	not applicable.
NTU:	nephelometric turbidity units (a measure of turbidity)
pCi/L:	picocuries per liter (a measure of radioactivity)
ppb:	micrograms per liter or parts per billion
ppm:	milligrams per liter or parts per million
ppq:	parts per quadrillion, or picograms per liter (pg/L)
ppt:	parts per trillion, or nanograms per liter (ng/L)
Treatment Technique or TT:	A required process intended to reduce the level of a contaminant in drinking water.

2022 Water Quality Test Results

Disinfection By-Products	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Haloacetic Acids (HAA5)	2022	17	10.5 - 20.8	No goal for the total	60	ppb	N	By-product of drinking water disinfection.

*The value in the Highest Level or Average Detected column is the highest average of all HAA5 sample results collected at a location over a year

Total Trihalomethanes (TTHM)	2022	55	38.1 - 68.9	No goal for the total	80	ppb	N	By-product of drinking water disinfection.
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*The value in the Highest Level or Average Detected column is the highest average of all TTHM sample results collected at a location over a year

Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Nitrate [measured as Nitrogen]	2022	0.57	0.57 - 0.57	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

Disinfectant Residual

A blank disinfectant residual table has been added to the CCR template, you will need to add data to the fields. Your data can be taken off the Disinfectant Level Quarterly Operating Reports (DLQOR).

Disinfectant Residual	Year	Average Level	Range of Levels Detected	MRDL	MRDLG	Unit of Measure	Violation (Y/N)	Source in Drinking Water
CL ₂ Totals	2022	1.82	0.61 – 3.50	4	4	ppm	N	Water additive used to control microbes.

Violations

Chlorine			
Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.			
Violation Type	Violation Begin	Violation End	Violation Explanation
Disinfectant Level Quarterly Operating Report (DLQOR).	07/01/2022	09/30/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.



Gulf Coast Water Authority

Consumer Confidence Report 2022





Gulf Coast Water Authority

CCR Summary Data 2022

2022 Turbidity Summary			
Month	Highest NTU	Average NTU	% Samples < 0.3 NTU
January	0.14	0.06	100.0%
February	0.53	0.14	99.4%
March	0.33	0.13	100.0%
April	0.34	0.14	100.0%
May	0.14	0.10	100.0%
June	0.32	0.13	100.0%
July	0.26	0.17	100.0%
August	0.21	0.13	100.0%
September	0.19	0.09	100.0%
October	0.14	0.11	100.0%
November	0.10	0.07	100.0%
December	0.16	0.08	100.0%
Average	0.10	0.06	
Maximum	0.53	0.17	
Minimum	0.24	0.11	

2022 TOC Removal at WTP POE						
Month	Raw mg/L	Alk mg/L	POE mg/L	Removal %	TCEQ %	Ratio
January	4.33	152	2.82	34.80	25.00	1.39
February	5.02	138	3.17	36.20	25.00	1.45
March	5.31	135	3.04	42.70	25.00	1.71
April	5.61	135	3.64	34.80	27.50	1.27
May	5.22	150	3.30	36.70	25.00	1.47
June	5.31	144	3.34	37.10	25.00	1.49
July	5.17	155	3.58	30.70	25.00	1.23
August	5.19	160	3.68	29.10	25.00	1.16
September	5.24	155	3.68	29.60	25.00	1.18
October	5.25	172	3.72	29.10	25.00	1.16
November	4.86	162	3.54	27.20	25.00	1.09
December	4.63	144	3.26	29.50	25.00	1.18
Average	5.10	150.17	3.40	33.13	25.21	1.32
Maximum	5.61	172.00	3.72	42.70	27.50	1.71
Minimum	4.33	135.00	2.82	27.20	25.00	1.09



Gulf Coast Water Authority

CCR Summary Data 2022

2022 Chlorite Data			
	POE Chlorite Samples		
Month	Maximum mg/L	Minimum mg/L	Average mg/L
January	0.54	0.18	0.40
February	0.45	0.09	0.29
March	0.48	0.06	0.29
April	0.37	0.09	0.21
May	0.20	0.06	0.15
June	0.26	0.10	0.17
July	0.38	0.05	0.18
August	0.46	0.19	0.31
September	0.45	0.26	0.33
October	0.60	0.12	0.34
November	0.34	0.10	0.18
December	0.42	0.16	0.33
Average	0.41	0.12	0.27
Maximum	0.60	0.26	0.40
Minimum	0.20	0.05	0.15

2022 Chlorine Dioxide Data		
	POE Chlorine Dioxide	
Month	Maximum ppb	Minimum ppb
January	20	0
February	0	0
March	0	0
April	40	0
May	60	0
June	40	0
July	30	0
August	50	0
September	50	0
October	60	20
November	160	30
December	280	40
Average	66	8
Maximum	280	40
Minimum	0	0

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER

Summary Page

PUBLIC WATER

SYSTEM NAME: GULF COAST WATER AUTHORITY TX CITY

PLANT NAME

OR NUMBER: SWTP - THOMAS MACKEY WTP - BRAZOS

PWS ID No.: 0840153

Plant ID No.: 14813

Report for the Month of: January 2022

Operator's Signature: _____

I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.

Operator's Signature: *[Handwritten Signature]*

Certificate No. & Grade: WO0041290, A

Date: February 8, 2022

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	186	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	2	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days with readings above 1.0 NTU:	0 (2)
Number of readings above 1.0 NTU:	0	Number of days with readings above 5.0 NTU:	0 (3)
Maximum allowable turbidity level:	0.3		
Percentage of readings above this limit:	0.0 % (1)		
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	1.97
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Average log inactivation for viruses:	64.61
		Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0
Minimum disinfectant residual required leaving the plant:	0.5 mg/L, measured as Total Chlorine		
Number of days with a low residual for no more than 4.0 consecutive hours:	0	Minimum pH in the last disinfection zone:	7.10
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days with pH below 7.0 in the last disinfection zone:	0.00
		Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system:	0.5 mg/L, measured as Total Chlorine		
Total number of readings this month:	186	(at least 120 required) (8)	
Average disinfectant residual value:	3.12	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)
Number of readings with no detectable residual:	0		

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required: NONE Filter Profile Filter Assessment CPE
 Additional report(s) for individual filter monitoring submitted: NONE Filter Profile (9) Filter Assessment (10) CPE (11)
 No additional IFE Reports are required this month.

STATISTICAL ANALYSIS OF TURBIDITY DATA

Category	Maximum	Minimum	95 th percentile	Average	Standard deviation
Settled Water Stastical Summary	1.65 NTU	0.10 NTU	0.77 NTU	0.38 NTU	0.225 NTU
IFE Stastical Summary	0.23 NTU	0.04 NTU	0.13 NTU	0.07 NTU	0.032 NTU
CFE Stastical Summary	0.14 NTU	0.04 NTU	0.08 NTU	0.06 NTU	0.011 NTU

STATISTICAL ANALYSIS OF pH DATA

Category	Maximum	Minimum	95 th percentile	Average	Standard deviation
Last Zone pH Stastical Summary	7.30 pH	7.10 pH	7.30 pH	7.22 pH	0.054 pH

SURFACE WATER MONTHLY OPERATING REPORT
 TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
 WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)
 P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER

Summary Page

PUBLIC WATER

SYSTEM NAME: GULF COAST WATER AUTHORITY TX CITY

PLANT NAME

OR NUMBER: SWTP - THOMAS MACKEY WTP - BRAZOS

PWS ID No.: 0840153

Plant ID No.: 14813

Report for
the Month of: February 2022

Operator's Signature: _____

I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.

Antonio J. Torres

Certificate No. & Grade: WO0041290, A

Date: March 8, 2022

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	168	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	144	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	1	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days with readings above 1.0 NTU:	0 (2)
Number of readings above 1.0 NTU:	0	Number of days with readings above 5.0 NTU:	0 (3)
Maximum allowable turbidity level:	0.3		
Percentage of readings above this limit:	0.6 % (1)		
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	2.17
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Average log inactivation for viruses:	58.54
		Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0
Minimum disinfectant residual required leaving the plant:	0.5 mg/L, measured as Total Chlorine		
Number of days with a low residual for no more than 4.0 consecutive hours:	0	Minimum pH in the last disinfection zone:	6.94
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days with pH below 7.0 in the last disinfection zone:	3.00
		Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system:	0.5 mg/L, measured as Total Chlorine		
Total number of readings this month:	168	(at least 120 required) (8)	
Average disinfectant residual value:	3.09	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)
Number of readings with no detectable residual:	0		

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required:	<input checked="" type="radio"/> NONE	<input type="radio"/> Filter Profile	<input type="radio"/> Filter Assessment	<input type="radio"/> CPE
Additional report(s) for individual filter monitoring submitted:	<input checked="" type="radio"/> NONE	<input type="radio"/> Filter Profile (9)	<input type="radio"/> Filter Assessment (10)	<input type="radio"/> CPE (11)

No additional IFE Reports are required this month.

STATISTICAL ANALYSIS OF TURBIDITY DATA

Settled Water Statistical Summary	Maximum turbidity reading:	1.58 NTU	Average turbidity value:	0.73 NTU
	Minimum turbidity reading:	0.31 NTU	Standard deviation:	0.274 NTU
	95 th percentile value:	1.22 NTU		
IFE Statistical Summary	Maximum IFE turbidity reading:	0.69 NTU	Average IFE turbidity value:	0.24 NTU
	Minimum IFE turbidity reading:	0.09 NTU	Standard deviation:	0.099 NTU
	95 th percentile IFE value:	0.46 NTU		
CFE Statistical Summary	Maximum CFE turbidity reading:	0.53 NTU	Average CFE turbidity value:	0.14 NTU
	Minimum CFE turbidity reading:	0.08 NTU	Standard deviation:	0.044 NTU
	95 th percentile CFE value:	0.20 NTU		

STATISTICAL ANALYSIS OF pH DATA

Last Zone pH Statistical Summary	Maximum pH reading:	7.43 pH	Average pH value:	7.18 pH
	Minimum pH reading:	6.94 pH	Standard deviation:	0.156 pH
	95 th percentile value:	7.42 pH		

SURFACE WATER MONTHLY OPERATING REPORT
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)
P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER

Summary Page

PUBLIC WATER SYSTEM NAME: <u>GULF COAST WATER AUTHORITY TX CITY</u>	PLANT NAME OR NUMBER: <u>SWTP - THOMAS MACKEY WTP - BRAZOS</u>	I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.
PWS ID No.: <u>0840153</u>	Operator's Signature: <u><i>Christopher S. Harris</i></u>	
Plant ID No.: <u>14813</u>	Certificate No. & Grade: <u>WO0041290, A</u>	Date: <u>April 8, 2022</u>
Report for the Month of: <u>March 2022</u>		

TREATMENT PLANT PERFORMANCE			
Total number of turbidity readings:	186	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	127	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days with readings above 1.0 NTU:	0 (2)
Number of readings above 1.0 NTU:	0	Number of days with readings above 5.0 NTU:	0 (3)
Maximum allowable turbidity level:	0.3		
Percentage of readings above this limit:	0.0 % (1)		
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	2.82
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Average log inactivation for viruses:	82.94
		Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0
Minimum disinfectant residual required leaving the plant:	0.5 mg/L, measured as Total Chlorine		
Number of days with a low residual for no more than 4.0 consecutive hours:	0	Minimum pH in the last disinfection zone:	6.90
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days with pH below 7.0 in the last disinfection zone:	2.00
		Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM			
Minimum disinfectant residual required in distribution system:		0.5 mg/L, measured as Total Chlorine	
Total number of readings this month:	186	(at least 120 required) (8)	
Average disinfectant residual value:	3.13	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0		
Number of readings with no detectable residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)

ADDITIONAL REPORTS & WORKSHEETS			
The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.			
Additional report(s) for individual filter monitoring required:	<input checked="" type="radio"/> NONE	<input type="radio"/> Filter Profile	<input type="radio"/> Filter Assessment
Additional report(s) for individual filter monitoring submitted:	<input checked="" type="radio"/> NONE	<input type="radio"/> Filter Profile (9)	<input type="radio"/> Filter Assessment (10)
No additional IFE Reports are required this month.			

STATISTICAL ANALYSIS OF TURBIDITY DATA			
Settled Water Stastical Summary	Maximum turbidity reading:	0.79 NTU	Average turbidity value:
	Minimum turbidity reading:	0.21 NTU	0.37 NTU
	95 th percentile value:	0.62 NTU	Standard deviation:
			0.135 NTU
IFE Stastical Summary	Maximum IFE turbidity reading:	0.34 NTU	Average IFE turbidity value:
	Minimum IFE turbidity reading:	0.09 NTU	0.16 NTU
	95 th percentile IFE value:	0.26 NTU	Standard deviation:
			0.047 NTU
CFE Stastical Summary	Maximum CFE turbidity reading:	0.33 NTU	Average CFE turbidity value:
	Minimum CFE turbidity reading:	0.07 NTU	0.13 NTU
	95 th percentile CFE value:	0.23 NTU	Standard deviation:
			0.045 NTU

STATISTICAL ANALYSIS OF pH DATA			
Last Zone pH Stastical Summary	Maximum pH reading:	7.30 pH	Average pH value:
	Minimum pH reading:	6.90 pH	7.11 pH
	95 th percentile value:	7.25 pH	Standard deviation:
			0.096 pH

SURFACE WATER MONTHLY OPERATING REPORT
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)
P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
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Summary Page

PUBLIC WATER

SYSTEM NAME: GULF COAST WATER AUTHORITY TX CITY

PLANT NAME

OR NUMBER: SWTP - THOMAS MACKAY WTP - BRAZOS

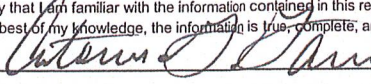
PWS ID No.: 0840153

Plant ID No.: 14813

Report for
the Month of: April 2022

Operator's Signature: _____

I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.



Certificate No. & Grade: WO0041290, A

Date: May 4, 2022

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	180	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	170	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days with readings above 1.0 NTU:	0 (2)
Number of readings above 1.0 NTU:	0	Number of days with readings above 5.0 NTU:	0 (3)
Maximum allowable turbidity level:	0.3		
Percentage of readings above this limit:	0.0 % (1)		
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	4.10
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Average log inactivation for viruses:	126.37
		Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0
Minimum disinfectant residual required leaving the plant:	0.5 mg/L, measured as Total Chlorine		
Number of days with a low residual for no more than 4.0 consecutive hours:	0	Minimum pH in the last disinfection zone:	6.80
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days with pH below 7.0 in the last disinfection zone:	6.00
		Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system:	0.5 mg/L, measured as Total Chlorine		
Total number of readings this month:	180	(at least 120 required) (8)	
Average disinfectant residual value:	3.17	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)
Number of readings with no detectable residual:	0		

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required: NONE Filter Profile Filter Assessment CPE

Additional report(s) for individual filter monitoring submitted: NONE Filter Profile (9) Filter Assessment (10) CPE (11)

No additional IFE Reports are required this month.

STATISTICAL ANALYSIS OF TURBIDITY DATA

Category	Maximum reading	Minimum reading	95 th percentile	Average value	Standard deviation
Settled Water Stastical Summary	1.01 NTU	0.10 NTU	0.65 NTU	0.29 NTU	0.205 NTU
IFE Stastical Summary	0.28 NTU	0.06 NTU	0.20 NTU	0.12 NTU	0.042 NTU
CFE Stastical Summary	0.34 NTU	0.10 NTU	0.23 NTU	0.14 NTU	0.044 NTU

STATISTICAL ANALYSIS OF pH DATA

Category	Maximum pH	Minimum pH	95 th percentile	Average pH	Standard deviation
Last Zone pH Stastical Summary	7.50 pH	6.80 pH	7.31 pH	7.09 pH	0.150 pH

SURFACE WATER MONTHLY OPERATING REPORT
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)
P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER

Summary Page

PUBLIC WATER

SYSTEM NAME: GULF COAST WATER AUTHORITY TX CITY

PLANT NAME

OR NUMBER: SWTP - THOMAS MACKEY WTP - BRAZOS

PWS ID No.: 0840153

I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.

Plant ID No.: 14813

Operator's Signature: _____

Antonio J. Adams

Report for the Month of: May 2022

Certificate No. & Grade: WO0041290, A

Date: June 7, 2022

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	186	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	91	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days with readings above 1.0 NTU:	0 (2)
Number of readings above 1.0 NTU:	0	Number of days with readings above 5.0 NTU:	0 (3)
Maximum allowable turbidity level:	0.3		
Percentage of readings above this limit:	0.0 % (1)		
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	5.14
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Average log inactivation for viruses:	153.81
		Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0
Minimum disinfectant residual required leaving the plant:	0.5 mg/L, measured as Total Chlorine		
Number of days with a low residual for no more than 4.0 consecutive hours:	0	Minimum pH in the last disinfection zone:	7.08
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days with pH below 7.0 in the last disinfection zone:	0.00
		Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system:	0.5 mg/L, measured as Total Chlorine		
Total number of readings this month:	186	(at least 120 required) (8)	
Average disinfectant residual value:	3.06	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)
Number of readings with no detectable residual:	0		

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required: NONE Filter Profile Filter Assessment CPE

Additional report(s) for individual filter monitoring submitted: NONE Filter Profile (9) Filter Assessment (10) CPE (11)

No additional IFE Reports are required this month.

STATISTICAL ANALYSIS OF TURBIDITY DATA

Summary	Maximum turbidity reading:	Minimum turbidity reading:	95 th percentile value:	Average turbidity value:	Standard deviation:
Settled Water Stastical Summary	0.81 NTU	0.08 NTU	0.31 NTU	0.19 NTU	0.094 NTU
IFE Stastical Summary	0.14 NTU	0.05 NTU	0.12 NTU	0.09 NTU	0.019 NTU
CFE Stastical Summary	0.14 NTU	0.07 NTU	0.13 NTU	0.10 NTU	0.013 NTU

STATISTICAL ANALYSIS OF pH DATA

Summary	Maximum pH reading:	Minimum pH reading:	95 th percentile value:	Average pH value:	Standard deviation:
Last Zone pH Stastical Summary	7.26 pH	7.08 pH	7.25 pH	7.17 pH	0.047 pH

SURFACE WATER MONTHLY OPERATING REPORT
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)
P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER

Summary Page

PUBLIC WATER SYSTEM NAME: <u>GULF COAST WATER AUTHORITY TX CITY</u>	PLANT NAME OR NUMBER: <u>SWTP - THOMAS MACKEY WTP - BRAZOS</u>	I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.
PWS ID No.: <u>0840153</u>	Operator's Signature: <u><i>Antonio J. Linares</i></u>	
Plant ID No.: <u>14813</u>	Certificate No. & Grade: <u>WO0041290, A</u>	Date: <u>July 8, 2022</u>
Report for the Month of: <u>June 2022</u>		

TREATMENT PLANT PERFORMANCE			
Total number of turbidity readings:	180	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	142	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days with readings above 1.0 NTU:	0 (2)
Number of readings above 1.0 NTU:	0	Number of days with readings above 5.0 NTU:	0 (3)
Maximum allowable turbidity level:	0.3		
Percentage of readings above this limit:	0.0 % (1)		
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	5.25
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Average log inactivation for viruses:	158.33
		Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0
Minimum disinfectant residual required leaving the plant:	0.5 mg/L, measured as Total Chlorine		
Number of days with a low residual for no more than 4.0 consecutive hours:	0	Minimum pH in the last disinfection zone:	7.01
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days with pH below 7.0 in the last disinfection zone:	0.00
		Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM			
Minimum disinfectant residual required in distribution system:	0.5 mg/L, measured as Total Chlorine		
Total number of readings this month:	180	(at least 120 required) (8)	
Average disinfectant residual value:	3.02	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)
Number of readings with no detectable residual:	0		

ADDITIONAL REPORTS & WORKSHEETS			
The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.			
Additional report(s) for individual filter monitoring required:	<input checked="" type="radio"/> NONE	<input type="radio"/> Filter Profile	<input type="radio"/> Filter Assessment
Additional report(s) for individual filter monitoring submitted:	<input checked="" type="radio"/> NONE	<input type="radio"/> Filter Profile (9)	<input type="radio"/> Filter Assessment (10)
No additional IFE Reports are required this month.			
		<input type="radio"/> CPE	<input type="radio"/> CPE (11)

STATISTICAL ANALYSIS OF TURBIDITY DATA			
Settled Water Stastical Summary	Maximum turbidity reading:	0.48 NTU	Average turbidity value:
	Minimum turbidity reading:	0.11 NTU	0.26 NTU
	95 th percentile value:	0.42 NTU	Standard deviation:
			0.099 NTU
IFE Stastical Summary	Maximum IFE turbidity reading:	0.36 NTU	Average IFE turbidity value:
	Minimum IFE turbidity reading:	0.06 NTU	0.12 NTU
	95 th percentile IFE value:	0.21 NTU	Standard deviation:
			0.046 NTU
CFE Stastical Summary	Maximum CFE turbidity reading:	0.32 NTU	Average CFE turbidity value:
	Minimum CFE turbidity reading:	0.09 NTU	0.13 NTU
	95 th percentile CFE value:	0.22 NTU	Standard deviation:
			0.040 NTU

STATISTICAL ANALYSIS OF pH DATA			
Last Zone pH Stastical Summary	Maximum pH reading:	7.27 pH	Average pH value:
	Minimum pH reading:	7.01 pH	7.16 pH
	95 th percentile value:	7.25 pH	Standard deviation:
			0.064 pH

SURFACE WATER MONTHLY OPERATING REPORT
 TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
 WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)
 P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER

Summary Page

PUBLIC WATER SYSTEM NAME: <u>GULF COAST WATER AUTHORITY TX CITY</u>	PLANT NAME OR NUMBER: <u>SWTP - THOMAS MACKEY WTP - BRAZOS</u>
PWS ID No.: <u>0840153</u> Plant ID No.: <u>14813</u> Report for the Month of: <u>July 2022</u>	I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate. Operator's Signature: Certificate No. & Grade: <u>WO0043519, A</u> Date: <u>August 3, 2022</u>

TREATMENT PLANT PERFORMANCE			
Total number of turbidity readings:	186	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	186	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days with readings above 1.0 NTU:	0 (2)
Number of readings above 1.0 NTU:	0	Number of days with readings above 5.0 NTU:	0 (3)
Maximum allowable turbidity level:	0.3		
Percentage of readings above this limit:	0.0 % (1)		
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	5.23
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Average log inactivation for viruses:	161.09
		Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0
Minimum disinfectant residual required leaving the plant:	0.5 mg/L, measured as Total Chlorine		
Number of days with a low residual for no more than 4.0 consecutive hours:	0	Minimum pH in the last disinfection zone:	7.02
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days with pH below 7.0 in the last disinfection zone:	0.00
		Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM			
Minimum disinfectant residual required in distribution system:	0.5 mg/L, measured as Total Chlorine	Total number of readings this month:	186 (at least 120 required) (8)
Average disinfectant residual value:	2.96	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)
Number of readings with no detectable residual:	0		

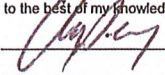
ADDITIONAL REPORTS & WORKSHEETS	
The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.	
Additional report(s) for individual filter monitoring required:	<input checked="" type="radio"/> NONE <input type="radio"/> Filter Profile <input type="radio"/> Filter Assessment <input type="radio"/> CPE
Additional report(s) for individual filter monitoring submitted:	<input checked="" type="radio"/> NONE <input type="radio"/> Filter Profile (9) <input type="radio"/> Filter Assessment (10) <input type="radio"/> CPE (11)
No additional IFE Reports are required this month.	

STATISTICAL ANALYSIS OF TURBIDITY DATA				
Settled Water	Maximum turbidity reading:	1.16 NTU	Average turbidity value:	0.22 NTU
Stastical	Minimum turbidity reading:	0.07 NTU	Standard deviation:	0.125 NTU
Summary	95 th percentile value:	0.35 NTU		
IFE	Maximum IFE turbidity reading:	0.22 NTU	Average IFE turbidity value:	0.13 NTU
Stastical	Minimum IFE turbidity reading:	0.06 NTU	Standard deviation:	0.033 NTU
Summary	95 th percentile IFE value:	0.20 NTU		
CFE	Maximum CFE turbidity reading:	0.26 NTU	Average CFE turbidity value:	0.17 NTU
Stastical	Minimum CFE turbidity reading:	0.11 NTU	Standard deviation:	0.038 NTU
Summary	95 th percentile CFE value:	0.25 NTU		

STATISTICAL ANALYSIS OF pH DATA				
Last Zone pH	Maximum pH reading:	7.35 pH	Average pH value:	7.15 pH
Stastical	Minimum pH reading:	7.02 pH	Standard deviation:	0.080 pH
Summary	95 th percentile value:	7.28 pH		

SURFACE WATER MONTHLY OPERATING REPORT
 TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
 WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)
 P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

SURFACE WATER MONTHLY OPERATING REPORT
 FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
 OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER
 Summary Page

PUBLIC WATER SYSTEM NAME: GULF COAST WATER AUTHORITY TX CITY PLANT NAME OR NUMBER: SWTP - THOMAS MACKEY WTP - BRAZOS
 PWS ID No.: 0840153 I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.
 Plant ID No.: 14813 Operator's Signature: 
 Report for the Month of: August 2022 Certificate No. & Grade: WO0043519, A Date: September 8, 2022

TREATMENT PLANT PERFORMANCE			
Total number of turbidity readings:	186	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	134	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days with readings above 1.0 NTU:	0 (2)
Number of readings above 1.0 NTU:	0	Number of days with readings above 5.0 NTU:	0 (3)
Maximum allowable turbidity level:	0.3		
Percentage of readings above this limit:	0.0 % (1)		
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	5.71
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Average log inactivation for viruses:	174.63
Minimum disinfectant residual required leaving the plant:	0.5 mg/L, measured as Total Chlorine	Number of days when profiling data was not collected:	0
Number of days with a low residual for no more than 4.0 consecutive hours:	0	Number of days when CT data was not collected:	0
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Minimum pH in the last disinfection zone:	7.05
		Number of days with pH below 7.0 in the last disinfection zone:	0.00
		Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM			
Minimum disinfectant residual required in distribution system:	0.5 mg/L, measured as Total Chlorine		
Total number of readings this month:	186 (at least 120 required) (8)	Percentage of readings with a low residual this month:	0.0 % (6A)
Average disinfectant residual value:	3.05	Percentage of readings with a low residual last month:	0.0 % (6B)
Number of readings with a low residual:	0		
Number of readings with no detectable residual:	0		

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required: NONE Filter Profile Filter Assessment CPE

Additional report(s) for individual filter monitoring submitted: NONE Filter Profile (9) Filter Assessment (10) CPE (11)

No additional IFE Reports are required this month.

STATISTICAL ANALYSIS OF TURBIDITY DATA				
Settled Water Stastical Summary	Maximum turbidity reading:	0.71 NTU	Average turbidity value:	0.22 NTU
	Minimum turbidity reading:	0.07 NTU	Standard deviation:	0.095 NTU
	95 th percentile value:	0.37 NTU		
IFE Stastical Summary	Maximum IFE turbidity reading:	0.21 NTU	Average IFE turbidity value:	0.09 NTU
	Minimum IFE turbidity reading:	0.04 NTU	Standard deviation:	0.027 NTU
	95 th percentile IFE value:	0.14 NTU		
CFE Stastical Summary	Maximum CFE turbidity reading:	0.21 NTU	Average CFE turbidity value:	0.13 NTU
	Minimum CFE turbidity reading:	0.08 NTU	Standard deviation:	0.030 NTU
	95 th percentile CFE value:	0.19 NTU		

STATISTICAL ANALYSIS OF pH DATA				
Last Zone pH Stastical Summary	Maximum pH reading:	7.36 pH	Average pH value:	7.15 pH
	Minimum pH reading:	7.05 pH	Standard deviation:	0.086 pH
	95 th percentile value:	7.33 pH		

SURFACE WATER MONTHLY OPERATING REPORT
 TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
 WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)
 P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER

Summary Page

PUBLIC WATER SYSTEM NAME: <u>GULF COAST WATER AUTHORITY TX CITY</u>	PLANT NAME OR NUMBER: <u>SWTP - THOMAS MACKEY WTP - BRAZOS</u>
I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.	
PWS ID No.: <u>0840153</u> Plant ID No.: <u>14813</u> Report for the Month of: <u>September 2022</u>	Operator's Signature: Certificate No. & Grade: <u>WO0043519, A</u>
Date: <u>October 5, 2022</u>	

TREATMENT PLANT PERFORMANCE			
Total number of turbidity readings:	180	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	43	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days with readings above 1.0 NTU:	0 (2)
Number of readings above 1.0 NTU:	0	Number of days with readings above 5.0 NTU:	0 (3)
Maximum allowable turbidity level:	0.3		
Percentage of readings above this limit:	0.0 % (1)		
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	5.94
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Average log inactivation for viruses:	177.33
		Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0
Minimum disinfectant residual required leaving the plant:	0.5 mg/L, measured as Total Chlorine		
Number of days with a low residual for no more than 4.0 consecutive hours:	0	Minimum pH in the last disinfection zone:	7.00
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days with pH below 7.0 in the last disinfection zone:	0.00
		Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM			
Minimum disinfectant residual required in distribution system: 0.5 mg/L, measured as Total Chlorine			
Total number of readings this month:	180	(at least 120 required) (8)	
Average disinfectant residual value:	3.27	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)
Number of readings with no detectable residual:	0		

ADDITIONAL REPORTS & WORKSHEETS			
The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.			
Additional report(s) for individual filter monitoring required:	<input checked="" type="radio"/> NONE	<input type="radio"/> Filter Profile	<input type="radio"/> Filter Assessment
Additional report(s) for individual filter monitoring submitted:	<input checked="" type="radio"/> NONE	<input type="radio"/> Filter Profile (9)	<input type="radio"/> Filter Assessment (10)
No additional IFE Reports are required this month.			
		<input type="radio"/> CPE	<input type="radio"/> CPE (11)

STATISTICAL ANALYSIS OF TURBIDITY DATA				
Settled Water Statistical Summary	Maximum turbidity reading:	0.47 NTU	Average turbidity value:	0.17 NTU
	Minimum turbidity reading:	0.10 NTU	Standard deviation:	0.068 NTU
	95 th percentile value:	0.30 NTU		
IFE Statistical Summary	Maximum IFE turbidity reading:	0.17 NTU	Average IFE turbidity value:	0.08 NTU
	Minimum IFE turbidity reading:	0.04 NTU	Standard deviation:	0.028 NTU
	95 th percentile IFE value:	0.13 NTU		
CFE Statistical Summary	Maximum CFE turbidity reading:	0.19 NTU	Average CFE turbidity value:	0.09 NTU
	Minimum CFE turbidity reading:	0.06 NTU	Standard deviation:	0.020 NTU
	95 th percentile CFE value:	0.13 NTU		

STATISTICAL ANALYSIS OF pH DATA				
Last Zone pH Statistical Summary	Maximum pH reading:	7.20 pH	Average pH value:	7.10 pH
	Minimum pH reading:	7.00 pH	Standard deviation:	0.061 pH
	95 th percentile value:	7.20 pH		

SURFACE WATER MONTHLY OPERATING REPORT
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)
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SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER
Summary Page

PUBLIC WATER SYSTEM NAME: <u>GULF COAST WATER AUTHORITY TX CITY</u>	PLANT NAME OR NUMBER: <u>SWTP - THOMAS MACKEY WTP - BRAZOS</u>
I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.	
PWS ID No.: <u>0840153</u> Plant ID No.: <u>14813</u> Report for the Month of: <u>October 2022</u>	Operator's Signature: Certificate No. & Grade: <u>WO0043519, A</u> Date: <u>November 3, 2022</u>

TREATMENT PLANT PERFORMANCE			
Total number of turbidity readings:	186	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	130	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days with readings above 1.0 NTU:	0 (2)
Number of readings above 1.0 NTU:	0	Number of days with readings above 5.0 NTU:	0 (3)
Maximum allowable turbidity level:	0.3		
Percentage of readings above this limit:	0.0 % (1)		
Number of days with a low CT for no more than 4.0 consecutive hours:		Average log inactivation for Giardia:	
0		4.17	
Number of days with a low CT for more than 4.0 consecutive hours:		Average log inactivation for viruses:	
0 (4)		116.22	
Minimum disinfectant residual required leaving the plant:		Number of days when profiling data was not collected:	
0.5 mg/L, measured as Total Chlorine		0	
Number of days with a low residual for no more than 4.0 consecutive hours:		Number of days when CT data was not collected:	
0		0	
Number of days with a low residual for more than 4.0 consecutive hours:		Minimum pH in the last disinfection zone:	
0 (5)		7.00	
		Number of days with pH below 7.0 in the last disinfection zone:	
		0.00	
		Number of days when disinfectant residual leaving the plant was not properly monitored:	
		0	

DISTRIBUTION SYSTEM			
Minimum disinfectant residual required in distribution system: 0.5 mg/L, measured as Total Chlorine			
Total number of readings this month:	186	(at least 180 required) (8)	
Average disinfectant residual value:	3.11	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)
Number of readings with no detectable residual:	0		

ADDITIONAL REPORTS & WORKSHEETS			
The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.			
Additional report(s) for individual filter monitoring required:	<input checked="" type="radio"/> NONE	<input type="radio"/> Filter Profile	<input type="radio"/> Filter Assessment
Additional report(s) for individual filter monitoring submitted:	<input checked="" type="radio"/> NONE	<input type="radio"/> Filter Profile (9)	<input type="radio"/> Filter Assessment (10)
No additional IFE Reports are required this month.			

STATISTICAL ANALYSIS OF TURBIDITY DATA			
Settled Water	Maximum turbidity reading:	1.26 NTU	Average turbidity value:
Stactical	Minimum turbidity reading:	0.14 NTU	0.40 NTU
Summary	95 th percentile value:	1.00 NTU	Standard deviation: 0.291 NTU
IFE	Maximum IFE turbidity reading:	0.19 NTU	Average IFE turbidity value: 0.11 NTU
Stactical	Minimum IFE turbidity reading:	0.06 NTU	Standard deviation: 0.033 NTU
Summary	95 th percentile IFE value:	0.17 NTU	
CFE	Maximum CFE turbidity reading:	0.14 NTU	Average CFE turbidity value: 0.11 NTU
Stactical	Minimum CFE turbidity reading:	0.08 NTU	Standard deviation: 0.011 NTU
Summary	95 th percentile CFE value:	0.13 NTU	

STATISTICAL ANALYSIS OF pH DATA			
Last Zone pH	Maximum pH reading:	7.30 pH	Average pH value:
Stactical	Minimum pH reading:	7.00 pH	7.10 pH
Summary	95 th percentile value:	7.21 pH	Standard deviation: 0.064 pH

SURFACE WATER MONTHLY OPERATING REPORT
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)
P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER

Summary Page

PUBLIC WATER SYSTEM NAME: <u>GULF COAST WATER AUTHORITY TX CITY</u>	PLANT NAME OR NUMBER: <u>SWTP - THOMAS MACKEY WTP - BRAZOS</u>
PWS ID No.: <u>0840153</u>	I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.
Plant ID No.: <u>14813</u>	Operator's Signature:
Report for the Month of: <u>November 2022</u>	Certificate No. & Grade: <u>WO0043519, A</u> Date: <u>December 6, 2022</u>

TREATMENT PLANT PERFORMANCE			
Total number of turbidity readings:	180	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	0	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days with readings above 1.0 NTU:	0 (2)
Number of readings above 1.0 NTU:	0	Number of days with readings above 5.0 NTU:	0 (3)
Maximum allowable turbidity level:	0.3		
Percentage of readings above this limit:	0.0 % (1)		
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	3.70
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Average log inactivation for viruses:	92.72
		Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0
Minimum disinfectant residual required leaving the plant:	0.5 mg/L, measured as Total Chlorine		
Number of days with a low residual for no more than 4.0 consecutive hours:	0	Minimum pH in the last disinfection zone:	6.92
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days with pH below 7.0 in the last disinfection zone:	2.00
		Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM			
Minimum disinfectant residual required in distribution system:	0.5 mg/L, measured as Total Chlorine		
Total number of readings this month:	180	(at least 180 required) (8)	
Average disinfectant residual value:	3.10	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0		
Number of readings with no detectable residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)

ADDITIONAL REPORTS & WORKSHEETS			
The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.			
Additional report(s) for individual filter monitoring required:	<input checked="" type="radio"/> NONE	<input type="radio"/> Filter Profile	<input type="radio"/> Filter Assessment
Additional report(s) for individual filter monitoring submitted:	<input checked="" type="radio"/> NONE	<input type="radio"/> Filter Profile (9)	<input type="radio"/> Filter Assessment (10)
No additional IFE Reports are required this month.			

STATISTICAL ANALYSIS OF TURBIDITY DATA			
Settled Water Statistical Summary	Maximum turbidity reading:	1.04 NTU	Average turbidity value:
	Minimum turbidity reading:	0.13 NTU	0.37 NTU
	95 th percentile value:	0.67 NTU	Standard deviation:
IFE Statistical Summary	Maximum IFE turbidity reading:	0.14 NTU	Average IFE turbidity value:
	Minimum IFE turbidity reading:	0.03 NTU	0.07 NTU
	95 th percentile IFE value:	0.12 NTU	Standard deviation:
CFE Statistical Summary	Maximum CFE turbidity reading:	0.10 NTU	Average CFE turbidity value:
	Minimum CFE turbidity reading:	0.05 NTU	0.07 NTU
	95 th percentile CFE value:	0.10 NTU	Standard deviation:
STATISTICAL ANALYSIS OF pH DATA			
Last Zone pH Statistical Summary	Maximum pH reading:	7.50 pH	Average pH value:
	Minimum pH reading:	6.92 pH	7.20 pH
	95 th percentile value:	7.40 pH	Standard deviation:

SURFACE WATER MONTHLY OPERATING REPORT
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)
P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER

Summary Page

PUBLIC WATER SYSTEM NAME: <u>GULF COAST WATER AUTHORITY TX CITY</u>	PLANT NAME OR NUMBER: <u>SWTP - THOMAS MACKEY WTP - BRAZOS</u>
I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.	
PWS ID No.: <u>0840153</u>	Operator's Signature:
Plant ID No.: <u>14813</u>	Certificate No. & Grade: <u>WO0043519, A</u>
Report for the Month of: <u>December 2022</u>	Date: <u>January 9, 2023</u>

TREATMENT PLANT PERFORMANCE			
Total number of turbidity readings:	186	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	30	Number of 4-hour periods when plant was off-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days with readings above 1.0 NTU:	0 (2)
Number of readings above 1.0 NTU:	0	Number of days with readings above 5.0 NTU:	0 (3)
Maximum allowable turbidity level:	0.3		
Percentage of readings above this limit:	0.0 % (1)		

Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	3.31
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Average log inactivation for viruses:	83.70
Minimum disinfectant residual required leaving the plant:	0.5 mg/L, measured as Total Chlorine	Number of days when profiling data was not collected:	0
Number of days with a low residual for no more than 4.0 consecutive hours:	0	Number of days when CT data was not collected:	0
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Minimum pH in the last disinfection zone:	7.09
		Number of days with pH below 7.0 in the last disinfection zone:	0.00
		Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM			
Minimum disinfectant residual required in distribution system:	0.5 mg/L, measured as Total Chlorine	Total number of readings this month:	186 (at least 180 required) (8)
Average disinfectant residual value:	3.13	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)
Number of readings with no detectable residual:	0		

ADDITIONAL REPORTS & WORKSHEETS			
The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.			
Additional report(s) for individual filter monitoring required:	<input checked="" type="radio"/> NONE	<input type="radio"/> Filter	<input type="radio"/> Filter Assessment
Additional report(s) for individual filter monitoring submitted:	<input checked="" type="radio"/> NONE	<input type="radio"/> Filter Profile	<input type="radio"/> Filter Assessment (10)
No additional IFE Reports are required this month.			
		<input type="radio"/> CPE	<input type="radio"/> CPE (11)

	P.2-Turbidity Data	P.3-Filter Data	P.4&5-Disinfection Data	P.6-TOCMOR
Alternate Technol.				

STATISTICAL ANALYSIS OF TURBIDITY DATA			
Settled Water		Maximum turbidity reading:	2.56 NTU
Stastical		Minimum turbidity reading:	0.11 NTU
Summary		95 th percentile value:	1.77 NTU
		Average turbidity value:	0.56 NTU
		Standard deviation:	0.562 NTU
IFE		Maximum IFE turbidity reading:	0.20 NTU
Stastical		Minimum IFE turbidity reading:	0.04 NTU
Summary		95 th percentile IFE value:	0.16 NTU
		Average IFE turbidity value:	0.08 NTU
		Standard deviation:	0.034 NTU
CFE		Maximum CFE turbidity reading:	0.16 NTU
Stastical		Minimum CFE turbidity reading:	0.04 NTU
Summary		95 th percentile CFE value:	0.13 NTU
		Average CFE turbidity value:	0.08 NTU
		Standard deviation:	0.025 NTU

STATISTICAL ANALYSIS OF pH DATA			
Last Zone pH		Maximum pH reading:	7.48 pH
Stastical		Minimum pH reading:	7.09 pH
Summary		95 th percentile value:	7.47 pH
		Average pH value:	7.27 pH
		Standard deviation:	0.114 pH

SURFACE WATER MONTHLY OPERATING REPORT
 TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
 WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)
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Texas Department of State Health Services

LABORATORY SERVICES SECTION, MC-1947
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***ALL MINERALS
Analysis Report**

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY
JONES, RUSSELL, C
3630 HIGHWAY 1765
TEXAS CITY, TX 77591-4824

Date Reported : 03/29/2022
Report ID# : 20220329095004AF89485

Lab Sample ID# : AF89485 Water Source : Date Collected : 03/17/2022 10:08
Sample Priority : NORMAL Entry Point(s) : EP001 Date Received : 03/18/2022
TCEQ ID#(s) : 2218871

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Field pH Result	7.3	pH			
Diluted Conductance @ 25.0 °C ¹	596	µmho/cm	SM 2510 B	03/22/2022 09:17	JR
Phenolphthalein Alkalinity as CaCO ₃	<10	mg/L	SM 2320B	03/18/2022 14:05	TT
Total Alkalinity as CaCO ₃	116	mg/L	SM 2320B	03/18/2022 14:05	TT
Bicarbonate	142	mg/L	SM 2320B	03/18/2022 14:05	TT
Carbonate	<10	mg/L	SM 2320B	03/18/2022 14:05	TT
Fluoride ¹	0.35	mg/L	EPA 300.0	03/18/2022 13:28	NP
Chloride ¹	61	mg/L	EPA 300.0	03/18/2022 13:28	NP
Sulfate ¹	63	mg/L	EPA 300.0	03/18/2022 13:28	NP
Total Dissolved Solids ¹	324	mg/L	SM 2540C	03/18/2022 11:32	JR
Nitrate as N ¹	1.20	mg/L	EPA 353.2	03/18/2022 12:30	MD

Comments:

TDS/Conductivity ratio is outside the acceptance range of 0.55 to 0.70. TDS/Conductivity ratio was confirmed by second analysis. The test results on this report relate only to the sample identified on this report. The test results for analytes noted(¹) meet all TNI (2016 Standard) requirements.

Authorized by Team Lead NPATEL on 03/25/2022



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Carbamates by HPLC
Analysis Report

RECEIVED
APR 05 2022

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY
JONES, RUSSELL, C
3630 HIGHWAY 1765
TEXAS CITY, TX 77591-4824

Date Reported : 03/29/2022
Report ID#: 20220329095004AF89632

Lab Sample ID# : AF89632 Water Source : Date Collected : 03/17/2022 10:16 Conc. Units : µg/L
Sample Priority : NORMAL Entry Point(s) : EP001 Date Received : 03/18/2022 Method : EPA Method 531.1
TCEQ ID#(s) : 2219791 Date Analyzed : 03/18/2022 Analyst : LZ
Sample Cond. : Acceptable

Table with 3 columns: Compound Name, Result, Qualifier. Rows include Regulated Compounds (Aldicarb, Aldicarb sulfone, Aldicarb Sulfoxide, Carbofuran, Oxamyl) and Monitored Compounds (Baygon, Carbaryl, 3-Hydroxycarbofuran, Methiocarb, Methomyl).

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2016 Standard) requirements.

Authorized by Team Lead AVINYARD on 03/25/2022



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Pesticides by Method 508.1
Analysis Report

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY
JONES, RUSSELL, C
3630 HIGHWAY 1765
TEXAS CITY, TX 77591-4824

Date Reported : 04/07/2022
Report ID#: 20220407102054AF89643

Lab Sample ID# : AF89643
Sample Priority : NORMAL
TCEQ ID#(s) : 2209478
Water Source :
Entry Point(s) : EP001

Date Collected : 03/17/2022 10:08
Date Received : 03/18/2022
Date Analyzed : 03/25/2022
Conc. Units : ug/L
Method : 508.1 Rev. 2.0
Analyst : JH
Sample Cond. : Acceptable

Table with 3 columns: Compound Name, Result, Qualifier. Rows include Regulated Compounds (Chlordane, Endrin, Heptachlor epoxide, Toxaphene) and Screened Compounds (Aroclor 1016, 1221, 1232, 1242, 1248, 1254, 1260).

Comments:

EPA Method 525.2-Presence of Atrazine confirmed by previous analyses per the Texas Drinking Water Watch website. The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2016 Standard) requirements. The test results for analytes noted(2) meet all TNI (2016 Standard) requirements for Aroclor Identification. Aroclor quantitation is not accredited.

Authorized by Group Manager TDUNN on 04/07/2022



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Semivolatiles Organic
 Analysis Report

RECEIVED
 APR 13 2022

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY
 JONES, RUSSELL, C
 3630 HIGHWAY 1765
 TEXAS CITY, TX 77591-4824

Date Reported : 04/07/2022
 Report ID#: 20220407102054AF89643

Lab Sample ID# : AF89643 Water Source : Date Collected : 03/17/2022 10:08 Conc. Units : µg/L
 Sample Priority : NORMAL Entry Point(s) : EP001 Date Received : 03/18/2022 Method : EPA 525.2
 TCEQ ID#(s) : 2209478 Date Analyzed : 03/22/2022 Analyst : KP
 Extraction Date : 03/21/2022 Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier	Monitored Compounds continued	Result	Qualifier
Alachlor ¹	<0.2		Dimethylphthalate	<2.0	
Atrazine ¹	0.10	N	Fluorene	<0.20	
Benzo[a]pyrene ¹	<0.02		2,2',3,3',4,4',6-Heptachlorobiphenyl	<0.50	
alpha-Chlordane	<0.2		2,2',4,4',5,6'-Hexachlorobiphenyl	<0.20	
gamma-Chlordane	<0.2		Indeno[1,2,3-cd]pyrene	<0.20	
trans-Nonachlor	<0.2		Metolachlor	<0.20	
Di(2-ethylhexyl) adipate ¹	<0.6		Metribuzin	<0.20	
Di(2-ethylhexyl) phthalate ¹	<0.6		Naphthalene	<0.20	
Heptachlor ¹	<0.04		2,2',3,3',4,5',6,6'-Octachlorobiphenyl	<0.50	
Hexachlorobenzene ¹	<0.1		2,2',3',4,6-Pentachlorobiphenyl	<0.20	
Hexachlorocyclopentadiene ¹	<0.1	*	Phenanthrene	<0.20	
Lindane ¹	<0.02		Propachlor	<0.20	
Methoxychlor ¹	<0.1		Pyrene	<0.20	
Simazine ¹	<0.07		2,2',4,4'-Tetrachlorobiphenyl	<0.20	
			2,4,5-Trichlorobiphenyl	<0.20	
Monitored Compounds	Result	Qualifier	Trifluralin	<0.20	
Acenaphthene	<0.20		Tentatively Identified Compounds	Result	Qualifier
Acenaphthylene	<0.20		HEXADECANOIC ACID	6.6	
Aldrin	<0.20		OCTADECANOIC ACID	14	
Anthracene	<0.20		Tentative identification of the largest non-target peaks is provided by comparison with the EPA/NIH mass spectral library. Approximate quantitation is performed using internal standards and an assumed response factor of one.		
Benzo(a)anthracene	<0.20		Comments:		
Benzo[b]fluoranthene	<0.20		N - See sample comments.		
Benzo[g,h,i]perylene	<0.20		* - This analyte has known instability and/or method performance issues and quantitation should be considered approximate.		
Benzo[k]fluoranthene	<0.20		K - The associated laboratory fortified blank spike (and/or its duplicate) recovery was above method acceptance limits.		
Bromacil	<0.20	KX	X - The Minimum Reporting Limit (MRL) verification check did not meet the method acceptance limits.		
Butachlor	<0.20		EPA Method 525.2-Presence of Atrazine confirmed by previous analyses per the Texas Drinking Water Watch website. The test results on this report relate only to the sample identified on this report. The test results for analytes noted(!) meet all TNI (2016 Standard) requirements.		
Butylbenzylphthalate	<2.0				
2-Chlorobiphenyl	<0.20				
Chrysene	<0.20				
Dibenz[a,h]anthracene	<0.20				
Di-n-butylphthalate	<2.0				
2,3-Dichlorobiphenyl	<0.20				
Dieldrin	<0.20				
Diethylphthalate	<2.0				



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Semivolatiles Organic Analysis Report

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY
JONES, RUSSELL, C
3630 HIGHWAY 1765
TEXAS CITY, TX 77591-4824

Date Reported : 04/07/2022

Report ID# : 20220407102054AF89643

Lab Sample ID# : AF89643 Water Source :
Sample Priority : NORMAL Entry Point(s) : EP001
TCEQ ID#(s) : 2209478

Date Collected : 03/17/2022 10:08 Conc. Units : µg/L
Date Received : 03/18/2022 Method : EPA 525.2
Date Analyzed : 03/22/2022 Analyst : KP
Extraction Date : 03/21/2022 Sample Cond. : Acceptable

Authorized by Group Manager TDUNN on 04/07/2022



Texas Department of State Health Services

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Trihalomethanes by GC/MS Analysis Report

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY
JONES, RUSSELL, C
3630 HIGHWAY 1765
TEXAS CITY, TX 77591-4824

Date Reported : 05/19/2022
Report ID# : 20220519085401AF95672

Lab Sample ID# : AF95672 Water Source : Date Collected : 05/04/2022 11:24 Conc. Units : µg/L
Sample Priority : NORMAL Entry Point(s) : DBP2-01 Date Received : 05/06/2022 Method : EPA 524.2
TCEQ ID#(s) : 2255241 Date Analyzed : 05/10/2022 Analyst : AK
Sample Cond. : Acceptable

Trihalomethanes	Result	Qualifier
Chloroform	7.7	
Bromodichloromethane	18.3	
Dibromochloromethane	22.3	
Bromoform	6.2	
Total Trihalomethanes ¹	54.5	

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2016 Standard) requirements.

Authorized by Team Lead AMIERTSCH on 05/18/2022



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EPA 552.2 Haloacetic Acids
Analysis Report

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY
JONES, RUSSELL, C
3630 HIGHWAY 1765
TEXAS CITY, TX 77591-4824

Date Reported : 05/19/2022
Report ID# : 20220519085401AF95672

Lab Sample ID# : AF95672 Water Source : Date Collected : 05/04/2022 11:24 Conc. Units : µg/L
Sample Priority : NORMAL Entry Point(s) : DBP2-01 Date Received : 05/06/2022 Method : 552.2 Rev 1.0
TCEQ ID#(s) : 2255241 Date Analyzed : 05/13/2022 Analyst : JL
Extraction Date : 05/12/2022 Sample Corid. : Acceptable

Table with 3 columns: Compound Name, Result, Qualifier. Rows include Regulated Compounds (Monochloroacetic acid, Dichloroacetic acid, Trichloroacetic acid, Monobromoacetic acid, Dibromoacetic acid, Total HAA5) and Monitored Compounds (Bromochloroacetic acid, Dalapon).

Comments:
M - The associated laboratory fortified matrix spike recovery was above method acceptance limits. Suspect Matrix.
The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2016 Standard) requirements.
Authorized by Team Lead AMIERTSCH on 05/18/2022



Texas Department of State Health Services

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EDB and DBCP
Analysis Report

RECEIVED
APR 06 2022

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY
JONES, RUSSELL, C
3630 HIGHWAY 1765
TEXAS CITY, TX 77591-4824

Date Reported : 03/31/2022
Report ID# : 20220331090242AF89602

Lab Sample ID# : AF89602 Water Source : Date Collected : 03/17/2022 10:16 Conc. Units : µg/L
Sample Priority : NORMAL Entry Point(s) : EP001 Date Received : 03/18/2022 Method : 504.1 Rev. 1.1
TCEQ ID#(s) : 2224792 Date Analyzed : 03/24/2022 03:41 Analyst : DP
Extraction Date : 03/23/2022 Sample Cond. : Acceptable

Table with 3 columns: Compound Name, Result, Qualifier. Rows include Ethylene dibromide and Dibromochloropropane under Regulated Compounds, and 1,2,3-Trichloropropane under Non Regulated Compounds.

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(!) meet all TNI (2016 Standard) requirements.

Authorized by Group Manager TDUNN on 03/31/2022



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***ALL METALS
 Analysis Report**

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY
 JONES, RUSSELL, C
 3630 HIGHWAY 1765
 TEXAS CITY, TX 77591-4824

Date Reported : 04/26/2022
 Report ID#: 20220426105813AF89505

Lab Sample ID# : AF89505 Water Source : Date Collected : 03/17/2022 10:08
 Sample Priority : NORMAL Entry Point(s) : EP001 Date Received : 03/18/2022
 TCEQ ID#(s) : 2216389

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Acidification	Completed		EPA 200.2	03/18/2022	HN
pH Check	Completed		EPA 200.2	03/21/2022	KL
Turbidity Screen	Completed		SM 2130B	03/21/2022	KL
Visible Particles	Completed			03/21/2022	KL
Total Hardness as CaCO3 by Calculation	151	mg/L	SM 2340B	03/23/2022	KL
Aluminum ¹	< 0.0200	mg/L	EPA 200.8	04/05/2022	TH
Antimony ¹	< 0.0010	mg/L	EPA 200.8	04/05/2022	TH
Arsenic ¹	< 0.0020	mg/L	EPA 200.8	04/05/2022	TH
Barium ¹	0.0944	mg/L	EPA 200.8	04/05/2022	TH
Beryllium ¹	< 0.00080	mg/L	EPA 200.8	04/05/2022	TH
Cadmium ¹	< 0.0010	mg/L	EPA 200.8	04/05/2022	TH
Calcium	44.1	mg/L	EPA 200.7	03/23/2022	KL
Chromium ¹	< 0.0100	mg/L	EPA 200.8	04/05/2022	TH
Copper ¹	0.0153	mg/L	EPA 200.8	04/05/2022	TH
Iron ¹	< 0.010	mg/L	EPA 200.7	03/23/2022	KL
Lead ¹	< 0.0010	mg/L	EPA 200.8	04/05/2022	TH
Magnesium ¹	10.0	mg/L	EPA 200.7	03/23/2022	KL
Manganese ¹	0.0079	mg/L	EPA 200.8	04/05/2022	TH
Mercury ¹	< 0.00040	mg/L	EPA 245.1	03/25/2022	BF
Nickel ¹	0.0034	mg/L	EPA 200.8	04/05/2022	TH
Potassium ¹	5.76	mg/L	EPA 200.7	03/23/2022	KL
Selenium ¹	< 0.0030	mg/L	EPA 200.8	04/05/2022	TH
Silver ¹	< 0.0100	mg/L	EPA 200.8	04/05/2022	TH
Sodium ¹	47.4	mg/L	EPA 200.7	03/23/2022	KL
Thallium ¹	< 0.00040	mg/L	EPA 200.8	04/05/2022	TH
Zinc ¹	0.121	mg/L	EPA 200.8	04/05/2022	TH

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(!) meet all TNI (2016 Standard) requirements.

Authorized by Team Lead EBOYER on 04/22/2022



Texas Department of State Health Services

PO BOX 149347
AUSTIN, TEXAS 78714-9347
1-888-963-7111
www.dshs.state.tx.us

LABORATORY SERVICES SECTION, MC-1947
1100 W. 49th St., Austin, Tx. 78756 (512)458-7587

Herbicides in Drinking Water
Analysis Report

RECEIVED
MAY 02 2022

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY
JONES, RUSSELL, C
3630 HIGHWAY 1765
TEXAS CITY, TX 77591-4824

Date Reported : 04/26/2022
Report ID#: 20220426105813AF89621

Lab Sample ID# : AF89621
Sample Priority : NORMAL
TCEQ ID#(s) : 2222214
Water Source :
Entry Point(s) : EP001

Date Collected : 03/17/2022 10:16
Date Received : 03/18/2022
Date Analyzed : 03/25/2022
Extraction Date : 03/22/2022
Conc. Units : µg/L
Method : 515.4 Rev. 1.0
Analyst : DP
Sample Cond. : Acceptable

Table with 3 columns: Compound Name, Result, Qualifier. Rows include Regulated Compounds (2,4-D, 2,4,5-TP, Pentachlorophenol, Dalapon, Dinoseb, Picloram) and Non Regulated Compounds (Acifluorfen, Bentazon, Chloramben, 2,4-DB, Dicamba, 3,5-Dichlorobenzoic acid, Dichlorprop, Quinclorac, 2,4,5-T).

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2016 Standard) requirements.

Authorized by Team Lead AMIERTSCH on 04/20/2022

Public Water System Sample Collection Analysis Report

Public Water System ID #: TX0840153

Collection Date: 3/17/2022

Report to:

GULF COAST WATER AUTHORITY TX CITY

3630 HIGHWAY 1765

TEXAS CITY, TX 77591-4824

Water analyses are required by law (30 TAC §290, THSC §341.0315). I acknowledge that the sampling technician has been accompanied during sampling and that the sample has been collected from the correct location indicated on this form. Water systems are responsible for all laboratory fees. Falsification of this form or tampering with water samples is a crime punishable under state and federal law. Refusing to sample, including refusing to sign this form, will result in a monitoring and reporting violation(s), possible enforcement, and fines.

Devon North

DEVON NORTH

WATER SYSTEM REPRESENTATIVE

Jose Garcia

JOSE GARCIA

SAMPLING TECHNICIAN

SAMPLING LOCATION		FACILITY LOCATION: 4001 5TH AVE N, TEXAS CITY		LAT: N 29.388363					
FACILITY ID: EP001		SAMPLE LOCATION: MAIN LAB		LONG: W -94.956713					
SAMPLE POINT: TRT-TAP		FREE CHLORINE RESIDUAL: -- mg/L		TEMPERATURE: 68 °F					
TAP FLUSHING - START: 9:47		TOTAL CHLORINE RESIDUAL: 3.03 mg/L		pH: 7.3					
END: 10:16									
TIME	SAMPLE ID	ANALYSIS TYPE	CONTAINER	PRESERVATION	SAMPLE PERIOD	LAB	SAMPLE TYPE	PRIOR-IT	COMPLI-ANCE
10:08:39	2209478	SOC5	1 L AMBER GLASS	SODIUM SULFITE, HCl PH<2, COOL 4C, DARK	YR2022	DSHS	RT	N	YES
10:08:45	2216389	MTL1	1 L PLASTIC OR GLASS	NO FIELD PRESERVATION	YR2022	DSHS	RT	N	YES
10:08:47	2218871	MIN	1 L PLASTIC OR GLASS	COOL 4C	YR2022	DSHS	RT	N	YES
10:16:13	2219791	531	2 - 60 ML GLASS	SODIUM THIOSULFATE, MCA PH<3, COOL 4C	3Y2022	DSHS	RT	N	YES
10:16:20	2222214	515	2 - 40 ML AMBER GLASS	SODIUM SULFITE, COOL 10C, DARK	3Y2022	DSHS	RT	N	YES
10:16:24	2224792	504	3 - 40 ML GLASS & FIELD BLA	SODIUM THIOSULFATE, COOL 4C	3Y2022	DSHS	RT	N	YES
COMMENTS: LOT DHL 02/16/22 EXP 05/16/22									
10:16:37	2228403	CYANIDE	1 L PLASTIC OR GLASS	ASCORBIC ACID, NAOH PH>12, COOL 4C	YR2022	DSHS	RT	N	YES
10:16:38	2241021	NITRITE	100 ML PLASTIC OR GLASS	COOL 4C	9Y2022	DSHS	RT	N	YES



FOR MORE INFORMATION: Public water systems may view their water system information including sampling schedules and sample results by visiting the State of Texas Drinking Water Watch website at the following address: <http://dmw2.tceq.texas.gov/DWW/>
 Regulations governing sample scheduling and collection are available upon request from the Public Drinking Water Section of the Texas Commission on Environmental Quality. Phone: (512) 239-4591 Email: FWSCHEM@tceq.texas.gov Website: <http://www.tceq.texas.gov>
 Lab fee schedule can be found at the following address: www.tceq.texas.gov/drinkingwater/chemicals/sample_collection/costestimate#Lab-fees

Public Water System Sample Collection Analysis Report

Public Water System ID #: TX0840153

Collection Date: 5/4/2022

Report to:

GULF COAST WATER AUTHORITY TX CITY

3630 HIGHWAY 1765

TEXAS CITY, TX 77591-4824

Water analyses are required by law (30 TAC §290, THSC §341.0315). I acknowledge that the sampling technician has been accompanied during sampling and that the sample has been collected from the correct location indicated on this form. Water systems are responsible for all laboratory fees. Falsification of this form or tampering with water samples is a crime punishable under state and federal law. Refusing to sample, including refusing to sign this form, will result in a monitoring and reporting violation(s), possible enforcement, and fines.

Devon North

DEVON NORTH

WATER SYSTEM REPRESENTATIVE

Jose Garcia

JOSE GARCIA

SAMPLING TECHNICIAN

SAMPLING LOCATION		FACILITY LOCATION: DISTRIBUTION SYSTEM		LAT: N 29.388338				
FACILITY ID: DS01		SAMPLE LOCATION: 3630 FM 1765-MAIN OFFICE RR		LONG: W -94.956773				
SAMPLE POINT: DBP2-01		FREE CHLORINE RESIDUAL: -- mg/L		TEMPERATURE: 78 °F				
TAP FLUSHING - START: 11:00		TOTAL CHLORINE RESIDUAL: 3.3 mg/L		pH: 7.6				
END: 11:24								
TIME	SAMPLE ID	ANALYSIS TYPE	CONTAINER	PRESERVATION	SAMPLE PERIOD	SAMPLE LAB	PRIOR-ITY	COMPLI-ANCE
11:24:36	2255241	DBP2	2-40 ML CLEAR/2-60 ML AMBER	Na2S2O3/NH4Cl, COOL 4C, DARK	YR2022	DSHS RT	N	YES

COMMENTS: 6



FOR MORE INFORMATION: Public water systems may view their water system information including sampling schedules and sample results by visiting the State of Texas Drinking Water Watch website at the following address: <http://dww2.tceq.texas.gov/DWW/>

Regulations governing sample scheduling and collection are available upon request from the Public Drinking Water Section of the Texas Commission on Environmental Quality. Phone: (512) 239-4691 Email: FWSCHEM@tceq.texas.gov Website: <http://www.tceq.texas.gov>

Lab fee schedule can be found at the following address: www.tceq.texas.gov/drinkingwater/chemicals/sample_collection/costestimate@Lab-fees

Date report printed 5/4/2022

Public Water System Sample Collection Analysis Report

Public Water System ID #: TX0840153

Collection Date: 7/22/2022

Report to:
 GULF COAST WATER AUTHORITY TX CITY
 3630 HIGHWAY 1765
 TEXAS CITY, TX 77591-4824

Water analyses are required by law (30 TAC §290, THSC §341.0315). I acknowledge that the sampling technician has been accompanied during sampling and that the sample has been collected from the correct location indicated on this form. Water systems are responsible for all laboratory fees. Falsification of this form or tampering with water samples is a crime punishable under state and federal law. Refusing to sample, including refusing to sign this form, will result in a monitoring and reporting violation(s), possible enforcement, and fines.

Devon North

DEVON NORTH

WATER SYSTEM REPRESENTATIVE

Jose Garcia

JOSE GARCIA

SAMPLING TECHNICIAN

SAMPLING LOCATION		FACILITY LOCATION: 4001 5TH AVE N, TEXAS CITY		LAT: N 29.387993					
FACILITY ID: EP001		SAMPLE LOCATION: MAIN LAB		LONG: W -94.956498					
SAMPLE POINT: TRT-TAP		FREE CHLORINE RESIDUAL: -- mg/L		TEMPERATURE: 84 'F					
TAP FLUSHING - START: 10:00		TOTAL CHLORINE RESIDUAL: 3.86 mg/L		pH: 7.8					
END: 10:16									
TIME	SAMPLE ID	ANALYSIS TYPE	CONTAINER	PRESERVATION	SAMPLE PERIOD	LAB	SAMPLE TYPE	PRIOR-ITY	COMPLI-ANCE
10:20:19	2206800	VOC	2 - 40 ML GLASS & FIELD BLA	ASCORBIC ACID, HCL PH<2, COOL 4C	YR2022	DSHS	RT	N	YES
COMMENTS: LOT DHL 06/03/22 EXP 09/03/22									



FOR MORE INFORMATION: Public water systems may view their water system information including sampling schedules and sample results by visiting the State of Texas Drinking Water Watch website at the following address: <http://dww2.tceq.texas.gov/DWW/>
 Regulations governing sample scheduling and collection are available upon request from the Public Drinking Water Section of the Texas Commission on Environmental Quality. Phone: (512) 239-4691 Email: FWSCHEM@tceq.texas.gov Website: <http://www.tceq.texas.gov>
 Lab fee schedule can be found at the following address: www.tceq.texas.gov/drinkingwater/chemicals/sample_collection/costestimate#Lab-fees



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LABORATORY SERVICES SECTION, MC-1947
 1100 W. 49th St., Austin, Tx. 78756 (512)458-7587

Volatile Organic Compounds by GC/MS
 Analysis Report

Submitter Identification Number: 0840153

RECEIVED

AUG 23 2022

GULF COAST WATER AUTHORITY TX CITY
 JONES, RUSSELL, C
 3630 HIGHWAY 1765
 TEXAS CITY, TX 77591-4824

Date Reported : 08/16/2022
 Report ID# : 20220816120641AG06107

Lab Sample ID# : AG06107 Water Source :
 Sample Priority : NORMAL Entry Point(s) : EP001
 TCEQ ID#(s) : 2206800

Date Collected : 07/22/2022 10:20 Conc. Units : µg/L
 Date Received : 07/26/2022 Method : EPA 524.2
 Date Analyzed : 07/27/2022 Analyst : TB
 Sample Cond. : Acceptable

Regulated Cmpds.[40 CFR 141.61(a)]	Result	Qualifier	Monitored Cmpds.[40 CFR 141.40(j)]	Result	Qualifier
Benzene ¹	<0.5		1,2,4-Trimethylbenzene	<1.0	
Carbon tetrachloride ¹	<0.5		1,2,3-Trichlorobenzene	<1.0	
Monochlorobenzene ¹	<0.5		n-Propylbenzene	<1.0	
o-Dichlorobenzene ¹	<0.5		n-Butylbenzene	<1.0	
para-Dichlorobenzene ¹	<0.5		Naphthalene	<1.0	
1,2-Dichloroethane ¹	<0.5		Hexachlorobutadiene	<1.0	
1,1-Dichloroethylene ¹	<0.5		1,3,5-Trimethylbenzene	<1.0	
cis-1,2-Dichloroethylene ¹	<0.5		4-Isopropyltoluene	<1.0	
trans-1,2-Dichloroethylene ¹	<0.5		Isopropylbenzene	<1.0	
1,2-Dichloropropane ¹	<0.5		t-Butylbenzene	<1.0	
Dichloromethane ¹	<0.5		s-Butylbenzene	<1.0	
Ethylbenzene ¹	<0.5		Trichlorofluoromethane	<2.0	
Styrene ¹	<0.5		Dichlorodifluoromethane	<2.0	
Tetrachloroethylene ¹	<0.5		Bromochloromethane	<1.0	
Toluene ¹	<0.5		Other Compounds		
1,2,4-Trichlorobenzene ¹	<0.5		Acetone	<10	G
1,1,1-Trichloroethane ¹	<0.5		Acrylonitrile	<10	
1,1,2-Trichloroethane ¹	<0.5		2-Butanone (MEK)	<10	
Trichloroethylene ¹	<0.5		Carbon disulfide	<1.0	
Vinyl chloride ¹	<0.5		Ethyl methacrylate	<1.0	
Xylenes (total) ¹	<0.5		2-Hexanone	<1.0	
Monitored Cmpds.[40 CFR 141.40(e)]			Iodomethane	<5.0	
Chloroform	2.9		Methyl methacrylate	<1.0	
Bromodichloromethane	11		4-Methyl-2-pentanone (MIBK)	<2.0	
Dibromochloromethane	24		Methyl-t-butyl ether (MTBE)	<0.5	
Bromoform	16		Tetrahydrofuran	<5.0	
Dibromomethane	<1.0		Comments:		
1,3-Dichlorobenzene	<1.0		G - CCV/LFB recovery was below method acceptance limits.		
1,1-Dichloropropene	<1.0		The test results on this report relate only to the sample		
1,1-Dichloroethane	<1.0		identified on this report. The test results for analytes noted(*)		
1,1,2,2-Tetrachloroethane	<1.0	G	meet all TNI (2016 Standard) requirements.		
1,3-Dichloropropane	<1.0		Authorized by Group Manager TDUNN on 08/12/2022		
Chloromethane	<2.0				
Bromomethane	<2.0				
1,2,3-Trichloropropane	<1.0				
1,1,1,2-Tetrachloroethane	<1.0				
Chloroethane	<2.0				
2,2-Dichloropropane	<1.0				
2-Chlorotoluene	<1.0				
4-Chlorotoluene	<1.0				
Bromobenzene	<1.0				
cis-1,3-Dichloropropene	<1.0				
trans-1,3-Dichloropropene	<1.0				



Texas Commission on Environmental Quality

CERTIFICATE OF DELIVERY OF PUBLIC NOTICE TO CUSTOMERS: Issue Boil Water Notice

Public Water System (PWS) name: Gulf Coast Water Authority

PWS ID: 0890153 Date of Incident/Violation: 02/04/22

Area Affected: Entire PWS Other Area: _____

Reason(s) issued: (indicate "☒" all applicable circumstances; 30 TAC 290.46 (q))

- Low distribution pressures (<20psi)
- Water outage
- E. coli or fecal positive microbiological sample(s)
- Failure to maintain adequate chlorine residuals
- Elevated finished water turbidities (Surface Water Treatment Rule)
- Line Break
- Other: _____

30 TAC 290.46(q)(1) requires that your PWS make an adequate, good-faith effort to reach all consumers served by the system by appropriate methods (check all below that apply):

COMMUNITY WATER SYSTEM (perform one or more of the following):

- Furnish a copy of the Notice to radio and television stations serving the PWS service area
- Publish Notice in a local newspaper serving the PWS service area
- Direct delivery of Notice to customers
- Continuously post Notice in conspicuous places within affected PWS service area
- Electronic delivery or alert systems (e.g., reverse 911)

NONCOMMUNITY WATER SYSTEM (perform one or more of the following):

- Direct delivery of Notice to customers
- Continuously post Notice in conspicuous places within affected PWS service area
- Electronic delivery or alert systems (e.g., reverse 911)

In accordance with 30 TAC §290.122(g), all public water systems that are required to issue public notice to persons in accordance with 30 TAC §290.122, and that sell or otherwise provide drinking water to other public water systems (i.e., consecutive systems), shall provide public notice to the owner or operator of the consecutive systems.

This PWS provides water to consecutive systems and those systems have been provided public notice.

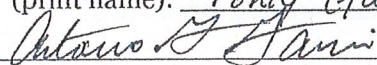
Notice to Consecutive Systems was delivered on: _____ (date)
by the following means: _____

Note: Please include a listing of consecutive systems notified in Comments or attach.

Comments: _____

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

NOTE: 30 TAC 290.46(q)(6)(F) requires the PWS to provide documentation to the Executive Director within 10 days.

Date of Delivery to Customers: 02/05/22 Phone: 281-267-1917
Certified by: (print name): Tony Garcia Title: WATER TREATMENT PLANT SUPERINTENDENT
Signature:  Date: 02/08/22

E-mail (PWSBWN@tceq.texas.gov) or mail a copy of this completed form, **AND** copies of the Boil Water Notice given to your customers to: TCEQ – Water Supply Division MC – 155, Attn: Public Notice. P. O. Box 13087 Austin, TX 78711-3087