Information about your Drinking Water

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. 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. Contaminants that may be present in sources 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, 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.

Attention

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).

Contaminants may be present in ALL drinking water

When drinking water meets federal standards there may not be any additional benefits to purchasing bottled water or filtering devices. 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 the 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.

FYI: Unregulated Contaminants

EPA has not established drinking water standards for unregulated contaminants. Monitoring unregulated contaminant helps EPA to determine the presence of unregulated contaminants in drinking water and indicates if future regulations are warranted. 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.

Where does my water come from?

Galveston County MUD #12 purchases surface water from Gulf Coast Water Authority Texas City. The water comes from the Intake 1 – Canal (A). TCEQ completed an assessment of your source water, and results indicate that some of your 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 Benry Utility Services at (346)236-6065. The complete source water assessment can be found at http://dww.tceq.texas.gov/DWW/

Galveston County MUD #12 was on interconnect with the Gulf Coast Water Authority during the calendar year of 2024 for their water source. Attached you will find a copy of the regulated contaminant detected table for the Gulf Coast Water Authority. If you require additional Information about Gulf Coast Water Authority's water, please call (409)935-2438.

Benry Utility Services

2024 CONSUMER CONFIDENCE REPORT (CCR)

Galveston County MUD #12
PWS ID: TX0840021

Annual Water Quality Report for January 1 to December 31, 2024
Issued April 2025

MEETING INFORMATION

Date: Board generally meets on the third Monday of each month
Location: 2929 Hwy 6, Bayou Vista, TX 77563
Time: 06:00 PM
Phone: (409)935-6111

This report includes essential information about your drinking water. For more information regarding this report contact:

Benry Utility Services
(346)236-6065

Este reporte incluye información esencial sobre el agua para tomar. Para asistencia en Español favor de llamar:

Benry Utility Services
(346)236-6065

Definitions and Abbreviations

The following contains 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 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 disinfectant is 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.

2024 Water Quality Test Results

REGULATED CONTAMINANTS

Disinfection By-Products	**Collection Date**	**Highest Level Detected**	**Range of Levels Detected**	**MCLG**	**MCL**	**Units**	**Violation**	**Likely Source of Contamination**
Haloacetic Acids (HAA5)*	2024	21	9.8 - 17.6	No goal for the total	60	ppb	N	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)**	2024	63	25 - 53.1	No goal for the total	80	ppb	N	By-product of drinking water disinfection.
Inorganic Contaminants	**Collection Date**	**Highest Level Detected**	**Range of Levels Detected**	**MCLG**	**MCL**	**Units**	**Violation**	**Likely Source of Contamination**
Barium	02/04/2019	0.0712	0.0712 - 0.0712	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Cyanide	02/21/2020	20	20 - 20	200	200	ppb	N	Discharge from plastic and fertilizer factories; Discharge from steel/metal factories.
Fluoride	02/04/2019	0.21	0.21 - 0.21	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate [measured as Nitrogen]	2024	1	0.13 - 1.12	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Synthetic Organic Contaminants	**Collection Date**	**Highest Level Detected**	**Range of Levels Detected**	**MCLG**	**MCL**	**Units**	**Violation**	**Likely Source of Contamination**
Atrazine	04/13/2020	0.36	0.36 - 0.36	3	3	ppb	N	Runoff from herbicide used on row crops.
Radioactive Contaminants	**Collection Date**	**Highest Level Detected**	**Range of Levels Detected**	**MCLG**	**MCL**	**Units**	**Violation**	**Likely Source of Contamination**
Beta/photon emitters	04/25/2019	4.9	4.9 - 4.9	0	50	pCi/L***	N	Decay of natural and man-made deposits.

*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

**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

***EPA considers 50 pCi/L to be the level of concern for beta particles.

UNREGULATED CONTAMINANTS

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted.

Unregulated Contaminants	**Collection Date**	**Your Water**	**Lowest Level Detected**	**Highest Level Detected**	**Units**
Bromodichloromethane	2024	11.0	8.2	13.4	ppb
Bromoform	2024	8.3	3.2	13.0	ppb
Chloroform	2024	3.9	3.0	5.7	ppb
Chlorodibromomethane	2024	16.7	10.2	20.9	ppb

DISINFECTANT RESIDUAL

Disinfectant Residual	Year	Average Level	Range of Levels Detected	MRDL	MRDLG	Unit of Measure	Violation	Source of Chemical
Chloramine	2024	1.73	0.51-2.90	4	4	ppm	N	Water additive used to control microbes.

LEAD AND COPPER

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.

Lead/Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	07/27/2023	1.3	1.3	0.0649	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.

LEAD SERVICE LINE INVENTORY

To review 2024 Lead Service Line Inventory report online, please click on the following link https://mud12galveston.com/static/1024df179b8d9f6890e8748c0166df51/LSLI_a622addd62.pdf.
This report is readily available to you Monday through Friday from the hours of 09:00 AM to 04:00 PM at Benry Utility Services located at 13735 Grant Rd., Cypress, TX 77429.

GCWA

Gulf Coast Water Authority

Consumer Confidence Report 2024

Gulf Coast Water Authority

CCR Summary Data 2024

2024 Chlorite Data			
	POE Chlorite Samples		
Month	Maximum mg/L	Minimum mg/L	Average mg/L
January	.52	.19	.29
February	.39	.17	.24
March	.43	.19	.33
April	.40	.13	.24
May	.39	.06	.23
June	.28	.03	.17
July	.27	.16	.20
August	.34	.14	.19
September	.44	.22	.31
October	.46	.33	.40
November	.58	.24	.41
December	.40	.26	.31
Average	.41	.18	.28
Maximum	.58	.33	.41
Minimum	.27	.03	.17

2024 Chlorine Dioxide Data		
	POE Chlorine Dioxide	
Month	Maximum ppb	Minimum ppb
January	20	0
February	40	0
March	70	0
April	90	0
May	140	0
June	40	0
July	30	0
August	60	0
September	50	0
October	70	0
November	30	0
December	30	0
Average	56	0
Maximum	20	0
Minimum	140	0

Gulf Coast Water Authority

CCR Summary Data 2024

	2024 Turbidity Summary		
Month	Highest NTU	Average NTU	% Samples < 0.3 NTU
January	.17	.11	100.0%
February	.22	.14	100.0%
March	.14	.07	100.0%
April	.11	.07	100.0%
May	.59	.08	99.0%
June	.13	.07	100.0%
July	.15	.05	100.0%
August	.07	.06	100.0%
September	.10	.06	100.0%
October	.17	.10	100.0%
November	.19	.12	100.0%
December	.19	.13	100.0%
Average	.07	.05	
Maximum	.59	.14	
Minimum	.19	.09	

	2024 TOC Removal at WTP POE					
Month	Raw mg/L	Alk mg/L	POE mg/L	Removal %	TCEQ %	Ratio
January	4.94	135	3.56	28.00	25.00	1.12
February	5.36	125	3.45	35.60	27.50	1.32
March	5.21	132	3.60	30.90	25.00	1.24
April	5.29	129	3.67	30.60	25.00	1.22
May	5.75	126	3.94	31.40	25.00	1.26
June	5.75	123	3.46	39.80	27.50	1.48
July	4.98	126	2.74	45.00	27.50	1.66
August	5.04	142	2.75	45.30	25.00	1.81
September	4.31	166	2.77	35.60	25.00	1.42
October	4.43	193	3.02	31.70	25.00	1.27
November	4.57	181	3.18	30.40	25.00	1.22
December	4.50	184	3.10	31.20	25.00	1.25
Average	5.01	146.83	3.27	34.63	25.42	1.36
Maximum	5.75	193.00	3.94	45.30	27.50	1.81
Minimum	4.31	123.00	2.74	28.00	25.00	1.12

Gulf Coast Water Authority

CCR Summary Data 2024

2024 Disinfection Data	
	POE Disinfection Residual
Month	**Average mg/L**
January	3.08
February	3.05
March	3.00
April	3.47
May	3.11
June	2.88
July	2.80
August	2.77
September	2.78
October	2.75
November	2.78
December	2.75
Average	2.93
Maximum	3.47
Minimum	2.75

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 2024

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: WOP043519, A

Date: February 8, 2024

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:	112	Number of 4-hour periods when plant was off-line:	
Number of readings above 0.3 NTU:	0	but turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line	
Number of readings above 1.0 NTU:	0	but individual filter turbidity data was not collected:	0
Maximum allowable turbidity level:	0.3	Number of days with readings above 1.0 NTU:	0 (2)
Percentage of readings above this limit:	0.0 % (1)	Number of days with readings above 5.0 NTU:	0 (3)
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	2.17
		Average log inactivation for viruses:	60.70
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	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 pH below 7.0 in the last disinfection zone:	0.00
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	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)	Percentage of readings with a low residual this month:	0.0 % (6A)
Average disinfectant residual value:	3.08		
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	○ Filter Assessment	○ CPE
Additional report(s) for individual filter monitoring submitted:	◉ NONE	○ Filter Profile	○ Filter Assessment (10)	○ CPE (11)

No additional IFE Reports are required this month.

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 Stastical Summary	Maximum turbidity reading:	3.49 NTU	Average turbidity value:	1.48 NTU
	Minimum turbidity reading:	0.33 NTU	Standard deviation:	0.721 NTU
	95th percentile value:	2.64 NTU		
IFE Stastical Summary	Maximum IFE turbidity reading:	0.33 NTU	Average IFE turbidity value:	0.15 NTU
	Minimum IFEturbidity reading:	0.05 NTU	Standard deviation:	0.066 NTU
	95th percentile IFE value:	0.27 NTU		
CFE Stastical Summary	Maximum CFE turbidity reading:	0.17 NTU	Average CFE turbidity value:	0.11 NTU
	Minimum CFE turbidity reading:	0.08 NTU	Standard deviation:	0.020 NTU
	95th percentile CFE value:	0.15 NTU		

STATISTICAL ANALYSIS OF pH DATA

Last Zone pH Stastical Summary	Maximum pH reading:	7.24 pH	Average pH value:	7.12 pH
	Minimum pH reading:	7.00 pH	Standard deviation:	0.068 pH
	95th percentile value:	7.23 pH		

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 2024

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: WO0043519, A

Date: March 6, 2024

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	174	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	152	Number of 4-hour periods when plant was off-line:	
Number of readings above 0.3 NTU:	0	but turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line	
Number of readings above 1.0 NTU:	0	but individual filter turbidity data was not collected:	0
Maximum allowable turbidity level:	0.3	Number of days with readings above 1.0 NTU:	0 (2)
Percentage of readings above this limit:	0.0 % (1)	Number of days with readings above 5.0 NTU:	0 (3)
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	2.90
		Average log inactivation for viruses:	82.85
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	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:	6.96
		Number of days with pH below 7.0 in the last disinfection zone:	3.00
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	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:	203 (at least 180 required) (8)		
Average disinfectant residual value:	3.05	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:	◉ NONE	○ Filter	○ Filter Assessment	○ CPE
Additional report(s) for individual filter monitoring submitted:	◉ NONE	○ Filter Profile	○ Filter Assessment (10)	○ CPE (11)

No additional IFE Reports are required this month.

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 Stastical Summary	Maximum turbidity reading:	2.70 NTU	Average turbidity value:	0.83 NTU
	Minimum turbidity reading:	0.25 NTU	Standard deviation:	0.399 NTU
	95th percentile value:	1.41 NTU		
IFE Stastical Summary	Maximum IFE turbidity reading:	0.48 NTU	Average IFE turbidity value:	0.18 NTU
	Minimum IFEturbidity reading:	0.06 NTU	Standard deviation:	0.082 NTU
	95th percentile IFE value:	0.35 NTU		
CFE Stastical Summary	Maximum CFE turbidity reading:	0.22 NTU	Average CFE turbidity value:	0.14 NTU
	Minimum CFE turbidity reading:	0.08 NTU	Standard deviation:	0.027 NTU
	95th percentile CFE value:	0.18 NTU		

STATISTICAL ANALYSIS OF pH DATA

Last Zone pH Stastical Summary	Maximum pH reading:	7.13 pH	Average pH value:	7.04 pH
	Minimum pH reading:	6.96 pH	Standard deviation:	0.042 pH
	95th percentile value:	7.10 pH		

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 MACKEY WTP - BRAZOS

PWS ID No.: 0840153

Plant ID No.: 14813

Report for the Month of: March 2024

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: WO0043519, A

Date: April 3, 2024

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:	17	Number of 4-hour periods when plant was off-line:	
Number of readings above 0.3 NTU:	0	but turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line	
Number of readings above 1.0 NTU:	0	but individual filter turbidity data was not collected:	0
Maximum allowable turbidity level:	0.3	Number of days with readings above 1.0 NTU:	0 (2)
Percentage of readings above this limit:	0.0 % (1)	Number of days with readings above 5.0 NTU:	0 (3)
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	3.41
		Average log inactivation for viruses:	97.37
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	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:	6.93
		Number of days with pH below 7.0 in the last disinfection zone:	8.00
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	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:	3.00	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:	◉ NONE	○ Filter	○ Filter Assessment	○ CPE
Additional report(s) for individual filter monitoring submitted:	◉ NONE	○ Filter Profile	○ Filter Assessment (10)	○ CPE (11)

No additional IFE Reports are required this month.

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 Stastical Summary	Maximum turbidity reading:	1.31 NTU	Average turbidity value:	0.45 NTU
	Minimum turbidity reading:	0.13 NTU	Standard deviation:	0.199 NTU
	95th percentile value:	0.75 NTU		
IFE Stastical Summary	Maximum IFE turbidity reading:	0.28 NTU	Average IFE turbidity value:	0.10 NTU
	Minimum IFEturbidity reading:	0.04 NTU	Standard deviation:	0.047 NTU
	95th percentile IFE value:	0.20 NTU		
CFE Stastical Summary	Maximum CFE turbidity reading:	0.14 NTU	Average CFE turbidity value:	0.07 NTU
	Minimum CFE turbidity reading:	0.03 NTU	Standard deviation:	0.022 NTU
	95th percentile CFE value:	0.11 NTU		

STATISTICAL ANALYSIS OF pH DATA

Last Zone pH Stastical Summary	Maximum pH reading:	7.19 pH	Average pH value:	7.05 pH
	Minimum pH reading:	6.93 pH	Standard deviation:	0.067 pH
	95th percentile value:	7.15 pH		

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 MACKEY WTP - BRAZOS

PWS ID No.: 0840153

Plant ID No.: 14813

Report for the Month of: April 2024

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: WO0043519, A

Date: May 2, 2024

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:	1	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 readings above 0.5 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 1.0 NTU:	0		
Maximum allowable turbidity level:	0.3	Number of days with readings above 1.0 NTU:	0 (2)
Percentage of readings above this limit:	0.0 % (1)	Number of days with readings above 5.0 NTU:	0 (3)
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	4.93
		Average log inactivation for viruses:	149.24
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	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:	6.91
		Number of days with pH below 7.0 in the last disinfection zone:	8.00
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	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:	3.47	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:	◉ NONE	○ Filter	○ Filter Assessment	○ CPE
Additional report(s) for individual filter monitoring submitted:	◉ NONE	○ Filter Profile	○ Filter Assessment (10)	○ CPE (11)

No additional IFE Reports are required this month.

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 Stastical Summary	Maximum turbidity reading:	1.95 NTU	Average turbidity value:	0.47 NTU
	Minimum turbidity reading:	0.17 NTU	Standard deviation:	0.248 NTU
	95th percentile value:	0.74 NTU		
IFE Stastical Summary	Maximum IFE turbidity reading:	0.25 NTU	Average IFE turbidity value:	0.08 NTU
	Minimum IFEturbidity reading:	0.03 NTU	Standard deviation:	0.034 NTU
	95th percentile IFE value:	0.15 NTU		
CFE Stastical Summary	Maximum CFE turbidity reading:	0.11 NTU	Average CFE turbidity value:	0.07 NTU
	Minimum CFE turbidity reading:	0.05 NTU	Standard deviation:	0.009 NTU
	95th percentile CFE value:	0.08 NTU		

STATISTICAL ANALYSIS OF pH DATA

Last Zone pH Stastical Summary	Maximum pH reading:	7.29 pH	Average pH value:	7.05 pH
	Minimum pH reading:	6.91 pH	Standard deviation:	0.091 pH
	95th percentile value:	7.20 pH		

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: May 2024

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: WO0041290, A

Date: June 7, 2024

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:	17	Number of 4-hour periods when plant was off-line:	
Number of readings above 0.3 NTU:	1	but turbidity data was not collected:	0
Number of readings above 0.5 NTU:	1	Number of days when plant was on-line	
Number of readings above 1.0 NTU:	0	but individual filter turbidity data was not collected:	0
Maximum allowable turbidity level:	0.3	Number of days with readings above 1.0 NTU:	0 (2)
Percentage of readings above this limit:	0.5 % (1)	Number of days with readings above 5.0 NTU:	0 (3)
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	4.64
		Average log inactivation for viruses:	142.84
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	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:	7.04
		Number of days with pH below 7.0 in the last disinfection zone:	0.00
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	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		
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:	(●) NONE	( ) Filter	( ) Filter Assessment	( ) CPE
Additional report(s) for individual filter monitoring submitted:	(●) NONE	( ) Filter Profile	( ) Filter Assessment (10)	( ) CPE (11)

No additional IFE Reports are required this month.

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 Stastical Summary	Maximum turbidity reading:	3.26 NTU	Average turbidity value:	0.59 NTU
	Minimum turbidity reading:	0.21 NTU	Standard deviation:	0.366 NTU
	95th percentile value:	1.07 NTU		
IFE Stastical Summary	Maximum IFE turbidity reading:	0.96 NTU	Average IFE turbidity value:	0.11 NTU
	Minimum IFEturbidity reading:	0.04 NTU	Standard deviation:	0.116 NTU
	95th percentile IFE value:	0.25 NTU		
CFE Stastical Summary	Maximum CFE turbidity reading:	0.59 NTU	Average CFE turbidity value:	0.08 NTU
	Minimum CFE turbidity reading:	0.05 NTU	Standard deviation:	0.043 NTU
	95th percentile CFE value:	0.12 NTU		

STATISTICAL ANALYSIS OF pH DATA

Last Zone pH Stastical Summary	Maximum pH reading:	7.29 pH	Average pH value:	7.17 pH
	Minimum pH reading:	7.04 pH	Standard deviation:	0.061 pH
	95th percentile value:	7.27 pH		

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: June 2024

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: WO0041290, A

Date: July 8, 2024

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:	2	Number of 4-hour periods when plant was off-line:	
Number of readings above 0.3 NTU:	0	but turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line	
Number of readings above 1.0 NTU:	0	but individual filter turbidity data was not collected:	0
Maximum allowable turbidity level:	0.3	Number of days with readings above 1.0 NTU:	0 (2)
Percentage of readings above this limit:	0.0 % (1)	Number of days with readings above 5.0 NTU:	0 (3)
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	5.34
		Average log inactivation for viruses:	169.04
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	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 pH below 7.0 in the last disinfection zone:	0.00
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	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:	2.88	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:	◉ NONE	○ Filter	○ Filter Assessment	○ CPE
Additional report(s) for individual filter monitoring submitted:	◉ NONE	○ Filter Profile	○ Filter Assessment (10)	○ CPE (11)

No additional IFE Reports are required this month.

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 Stastical Summary	Maximum turbidity reading:	1.39 NTU	Average turbidity value:	0.54 NTU
	Minimum turbidity reading:	0.20 NTU	Standard deviation:	0.185 NTU
	95th percentile value:	0.81 NTU		
IFE Stastical Summary	Maximum IFE turbidity reading:	0.42 NTU	Average IFE turbidity value:	0.08 NTU
	Minimum IFEturbidity reading:	0.04 NTU	Standard deviation:	0.039 NTU
	95th percentile IFE value:	0.14 NTU		
CFE Stastical Summary	Maximum CFE turbidity reading:	0.13 NTU	Average CFE turbidity value:	0.07 NTU
	Minimum CFE turbidity reading:	0.05 NTU	Standard deviation:	0.013 NTU
	95th percentile CFE value:	0.10 NTU		

STATISTICAL ANALYSIS OF pH DATA

Last Zone pH Stastical Summary	Maximum pH reading:	7.36 pH	Average pH value:	7.20 pH
	Minimum pH reading:	7.08 pH	Standard deviation:	0.057 pH
	95th percentile value:	7.26 pH		

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: July 2024

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: WO0043519, A

Date: August 1, 2024

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:	3	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 readings above 0.5 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 1.0 NTU:	0		
Maximum allowable turbidity level:	0.3	Number of days with readings above 1.0 NTU:	0 (2)
Percentage of readings above this limit:	0.0 % (1)	Number of days with readings above 5.0 NTU:	0 (3)
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	4.74
		Average log inactivation for viruses:	146.71
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	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 pH below 7.0 in the last disinfection zone:	0.00
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	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)	Percentage of readings with a low residual this month:	0.0 % (6A)
Average disinfectant residual value:	2.80		
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	○ Filter Assessment	○ CPE
Additional report(s) for individual filter monitoring submitted:	◉ NONE	○ Filter Profile	○ Filter Assessment (10)	○ CPE (11)

No additional IFE Reports are required this month.

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 Stastical Summary	Maximum turbidity reading:	1.90 NTU	Average turbidity value:	0.45 NTU
	Minimum turbidity reading:	0.13 NTU	Standard deviation:	0.251 NTU
	95th percentile value:	0.76 NTU		
IFE Stastical Summary	Maximum IFE turbidity reading:	0.22 NTU	Average IFE turbidity value:	0.06 NTU
	Minimum IFEturbidity reading:	0.02 NTU	Standard deviation:	0.035 NTU
	95th percentile IFE value:	0.14 NTU		
CFE Stastical Summary	Maximum CFE turbidity reading:	0.15 NTU	Average CFE turbidity value:	0.05 NTU
	Minimum CFE turbidity reading:	0.04 NTU	Standard deviation:	0.012 NTU
	95th percentile CFE value:	0.06 NTU		

STATISTICAL ANALYSIS OF pH DATA

Last Zone pH Stastical Summary	Maximum pH reading:	7.40 pH	Average pH value:	7.20 pH
	Minimum pH reading:	7.10 pH	Standard deviation:	0.086 pH
	95th percentile value:	7.30 pH		

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: August 2024

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: Antonio D. Flores

Certificate No. & Grade: WO0041290, A

Date: September 6, 2024

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:	0	Number of 4-hour periods when plant was off-line:	
Number of readings above 0.3 NTU:	0	but turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line	
Number of readings above 1.0 NTU:	0	but individual filter turbidity data was not collected:	0
Maximum allowable turbidity level:	0.3	Number of days with readings above 1.0 NTU:	0 (2)
Percentage of readings above this limit:	0.0 % (1)	Number of days with readings above 5.0 NTU:	0 (3)
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	5.45
		Average log inactivation for viruses:	168.74
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	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:	7.07
		Number of days with pH below 7.0 in the last disinfection zone:	0.00
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	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:	2.77	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:	◉ NONE	○ Filter	○ Filter Assessment	○ CPE
Additional report(s) for individual filter monitoring submitted:	◉ NONE	○ Filter Profile	○ Filter Assessment (10)	○ CPE (11)

No additional IFE Reports are required this month.

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 Stastical Summary	Maximum turbidity reading:	2.72 NTU	Average turbidity value:	0.39 NTU
	Minimum turbidity reading:	0.12 NTU	Standard deviation:	0.305 NTU
	95th percentile value:	0.64 NTU		
IFE Stastical Summary	Maximum IFE turbidity reading:	0.47 NTU	Average IFE turbidity value:	0.06 NTU
	Minimum IFEturbidity reading:	0.02 NTU	Standard deviation:	0.039 NTU
	95th percentile IFE value:	0.09 NTU		
CFE Stastical Summary	Maximum CFE turbidity reading:	0.07 NTU	Average CFE turbidity value:	0.06 NTU
	Minimum CFE turbidity reading:	0.04 NTU	Standard deviation:	0.009 NTU
	95th percentile CFE value:	0.07 NTU		

STATISTICAL ANALYSIS OF pH DATA

Last Zone pH Stastical Summary	Maximum pH reading:	7.36 pH	Average pH value:	7.17 pH
	Minimum pH reading:	7.07 pH	Standard deviation:	0.063 pH
	95th percentile value:	7.27 pH		

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: September 2024

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: Antonio D. Garcia

Certificate No. & Grade: WO0041290, A

Date: October 3, 2024

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 off-line:	
Number of readings above 0.3 NTU:	0	but turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line	
Number of readings above 1.0 NTU:	0	but individual filter turbidity data was not collected:	0
Maximum allowable turbidity level:	0.3	Number of days with readings above 1.0 NTU:	0 (2)
Percentage of readings above this limit:	0.0 % (1)	Number of days with readings above 5.0 NTU:	0 (3)
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	4.65
		Average log inactivation for viruses:	145.67
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	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 pH below 7.0 in the last disinfection zone:	0.00
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	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:	2.78	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:	(●) NONE	( ) Filter	( ) Filter Assessment	( ) CPE
Additional report(s) for individual filter monitoring submitted:	(●) NONE	( ) Filter Profile	( ) Filter Assessment (10)	( ) CPE (11)

No additional IFE Reports are required this month.

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 Stastical Summary	Maximum turbidity reading:	2.14 NTU	Average turbidity value:	0.54 NTU
	Minimum turbidity reading:	0.12 NTU	Standard deviation:	0.449 NTU
	95th percentile value:	1.57 NTU		
IFE Stastical Summary	Maximum IFE turbidity reading:	0.23 NTU	Average IFE turbidity value:	0.06 NTU
	Minimum IFEturbidity reading:	0.02 NTU	Standard deviation:	0.024 NTU
	95th percentile IFE value:	0.10 NTU		
CFE Stastical Summary	Maximum CFE turbidity reading:	0.10 NTU	Average CFE turbidity value:	0.06 NTU
	Minimum CFE turbidity reading:	0.04 NTU	Standard deviation:	0.009 NTU
	95th percentile CFE value:	0.08 NTU		

STATISTICAL ANALYSIS OF pH DATA

Last Zone pH Stastical Summary	Maximum pH reading:	7.37 pH	Average pH value:	7.25 pH
	Minimum pH reading:	7.10 pH	Standard deviation:	0.066 pH
	95th percentile value:	7.34 pH		

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: October 2024

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: Octavio A. Flores

Certificate No. & Grade: WO0041290, A

Date: November 7, 2024

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:	61	Number of 4-hour periods when plant was off-line:	
Number of readings above 0.3 NTU:	0	but turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line	
Number of readings above 1.0 NTU:	0	but individual filter turbidity data was not collected:	0
Maximum allowable turbidity level:	0.3	Number of days with readings above 1.0 NTU:	0 (2)
Percentage of readings above this limit:	0.0 % (1)	Number of days with readings above 5.0 NTU:	0 (3)
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	3.84
		Average log inactivation for viruses:	119.52
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	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:	7.17
		Number of days with pH below 7.0 in the last disinfection zone:	0.00
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	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:	2.75	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:	(●) NONE	( ) Filter	( ) Filter Assessment	( ) CPE
Additional report(s) for individual filter monitoring submitted:	(●) NONE	( ) Filter Profile	( ) Filter Assessment (10)	( ) CPE (11)

No additional IFE Reports are required this month.

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 Stastical Summary	Maximum turbidity reading:	2.31 NTU	Average turbidity value:	0.57 NTU
	Minimum turbidity reading:	0.21 NTU	Standard deviation:	0.409 NTU
	95th percentile value:	1.35 NTU		
IFE Stastical Summary	Maximum IFE turbidity reading:	0.39 NTU	Average IFE turbidity value:	0.09 NTU
	Minimum IFEturbidity reading:	0.03 NTU	Standard deviation:	0.037 NTU
	95th percentile IFE value:	0.16 NTU		
CFE Stastical Summary	Maximum CFE turbidity reading:	0.17 NTU	Average CFE turbidity value:	0.10 NTU
	Minimum CFE turbidity reading:	0.04 NTU	Standard deviation:	0.023 NTU
	95th percentile CFE value:	0.13 NTU		

STATISTICAL ANALYSIS OF pH DATA

Last Zone pH Stastical Summary	Maximum pH reading:	7.42 pH	Average pH value:	7.28 pH
	Minimum pH reading:	7.17 pH	Standard deviation:	0.053 pH
	95th percentile value:	7.36 pH		

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: November 2024

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: WO0041290, A

Date: December 6, 2024

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:	152	Number of 4-hour periods when plant was off-line:	
Number of readings above 0.3 NTU:	0	but turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line	
Number of readings above 1.0 NTU:	0	but individual filter turbidity data was not collected:	0
Maximum allowable turbidity level:	0.3	Number of days with readings above 1.0 NTU:	0 (2)
Percentage of readings above this limit:	0.0 % (1)	Number of days with readings above 5.0 NTU:	0 (3)
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	3.47
		Average log inactivation for viruses:	107.12
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	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:	7.16
		Number of days with pH below 7.0 in the last disinfection zone:	0.00
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	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:	2.78	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:	◉ NONE	○ Filter	○ Filter Assessment	○ CPE
Additional report(s) for individual filter monitoring submitted:	◉ NONE	○ Filter Profile	○ Filter Assessment (10)	○ CPE (11)

No additional IFE Reports are required this month.

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 Stastical Summary	Maximum turbidity reading:	1.98 NTU	Average turbidity value:	0.64 NTU
	Minimum turbidity reading:	0.19 NTU	Standard deviation:	0.465 NTU
	95th percentile value:	1.59 NTU		
IFE Stastical Summary	Maximum IFE turbidity reading:	0.21 NTU	Average IFE turbidity value:	0.09 NTU
	Minimum IFEturbidity reading:	0.04 NTU	Standard deviation:	0.031 NTU
	95th percentile IFE value:	0.13 NTU		
CFE Stastical Summary	Maximum CFE turbidity reading:	0.19 NTU	Average CFE turbidity value:	0.12 NTU
	Minimum CFE turbidity reading:	0.08 NTU	Standard deviation:	0.020 NTU
	95th percentile CFE value:	0.17 NTU		

STATISTICAL ANALYSIS OF pH DATA

Last Zone pH Stastical Summary	Maximum pH reading:	7.44 pH	Average pH value:	7.29 pH
	Minimum pH reading:	7.16 pH	Standard deviation:	0.069 pH
	95th percentile value:	7.41 pH		

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: December 2024

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: WO0041290, A

Date: January 7, 2025

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:	163	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 readings above 0.5 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 1.0 NTU:	0		
Maximum allowable turbidity level:	0.3	Number of days with readings above 1.0 NTU:	0 (2)
Percentage of readings above this limit:	0.0 % (1)	Number of days with readings above 5.0 NTU:	0 (3)
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	2.44
		Average log inactivation for viruses:	73.22
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	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:	7.17
		Number of days with pH below 7.0 in the last disinfection zone:	0.00
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	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:	2.75	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:	(●) 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.

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 Stastical Summary	Maximum turbidity reading:	2.63 NTU	Average turbidity value:	0.98 NTU
	Minimum turbidity reading:	0.20 NTU	Standard deviation:	0.677 NTU
	95th percentile value:	2.40 NTU	Mandatory data not reported:	0.000 days
IFE Stastical Summary	Maximum IFE turbidity reading:	0.33 NTU	Average IFE turbidity value:	0.10 NTU
	Minimum IFEturbidity reading:	0.04 NTU	Standard deviation:	0.040 NTU
	95th percentile IFE value:	0.17 NTU		
CFE Stastical Summary	Maximum CFE turbidity reading:	0.19 NTU	Average CFE turbidity value:	0.13 NTU
	Minimum CFE turbidity reading:	0.09 NTU	Standard deviation:	0.021 NTU
	95th percentile CFE value:	0.17 NTU		

STATISTICAL ANALYSIS OF pH DATA

Last Zone pH Stastical Summary	Maximum pH reading:	7.42 pH	Average pH value:	7.29 pH
	Minimum pH reading:	7.17 pH	Standard deviation:	0.052 pH
	95th percentile value:	7.36 pH		

TEXAS Department of State Health Services

Texas Department of State Health Services

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www.dshs.state.tx.us

*ALL MINERALS
Analysis Report

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY
MATLOCK, BRAD
4243 EMMETT F LOWRY EXPY
TEXAS CITY, TX 77591-2629

Date Reported : 03/26/2024
Report ID# : 20240326090947AG76659

Lab Sample ID# : AG76659
Sample Priority : NORMAL
TCEQ ID#(s) : 2418026

Water Source :
Entry Point(s) : EP001

Date Collected : 03/11/2024 07:26
Date Received : 03/12/2024

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Field pH Result	7	pH			
Conductance @ 25.0 °C [1]	**617**	µmho/cm	SM 2510 B	03/14/2024 14:21	DB
Phenolphthalein Alkalinity as CaCO3	<10	mg/L	SM 2320B	03/13/2024 10:37	ME
Total Alkalinity as CaCO3	**114**	mg/L	SM 2320B	03/13/2024 10:37	ME
Bicarbonate	**139**	mg/L	SM 2320B	03/13/2024 10:37	ME
Carbonate	<10	mg/L	SM 2320B	03/13/2024 10:37	ME
Fluoride [1]	**0.30**	mg/L	EPA 300.0	03/12/2024 16:33	NP
Chloride [1]	**78**	mg/L	EPA 300.0	03/13/2024 12:52	NP
Sulfate [1]	**65**	mg/L	EPA 300.0	03/12/2024 16:33	NP
Total Dissolved Solids [1]	**371**	mg/L	SM 2540C	03/12/2024 11:20	DB
Nitrate as N [1]	**0.98**	mg/L	EPA 353.2	03/12/2024 14:03	AD

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 NPATEL on 03/21/2024

TEXAS Department of State Health Services

Texas Department of State Health Services

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*SINGLE MINERAL
Analysis Report

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY
MATLOCK, BRAD
4243 EMMETT F LOWRY EXPY
TEXAS CITY, TX 77591-2629

Date Reported : 03/21/2024
Report ID# : 20240321085610AG76674

Lab Sample ID# : AG76674
Sample Priority : NORMAL
TCEQ ID#(s) : 2427364

Water Source :
Entry Point(s) : EP001

Date Collected : 03/11/2024 07:26
Date Received : 03/12/2024

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Total Cyanide [1]	**0.03**	mg/L	10-204-00-1-X	03/18/2024 11:53	ME

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 NPATEL on 03/20/2024

TEXAS Department of State Health Services

Texas Department of State Health Services

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Pesticides by Method 508.1
Analysis Report

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY
MATLOCK, BRAD
4243 EMMETT F LOWRY EXPY
TEXAS CITY, TX 77591-2629

Date Reported : 04/25/2024
Report ID# : 20240425084244AG76925

Lab Sample ID# : AG76925
Sample Priority : NORMAL
TCEQ ID#(s) : 2408817

Water Source :
Entry Point(s) : EP001

Date Collected : 03/11/2024 07:26
Date Received : 03/12/2024
Date Analyzed : 04/16/2024

Conc. Units : ug/L
Method : 508.1 Rev. 2.0
Analyst : TS
Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier
Chlordane [1]	<0.2	
Endrin [1]	<0.01	
Heptachlor epoxide [1]	<0.02	
Toxaphene [1]	<1.	

Screened Compounds	Result	Qualifier
Aroclor 1016 [2]	<0.08	
Aroclor 1221 [2]	<20.	
Aroclor 1232 [2]	<0.5	
Aroclor 1242 [2]	<0.3	
Aroclor 1248 [2]	<0.1	
Aroclor 1254 [2]	<0.1	
Aroclor 1260 [2]	<0.2	

Comments:

EPA method 525.2-Presence of Simazine and 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 Team Lead AMIERTSCH on 04/24/2024

TEXAS Department of State Health Services

Texas Department of State Health Services

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1100 W. 49th St., Austin, Tx. 78756 (512)458-7587

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AUSTIN, TEXAS 78714-9347
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Semivolatiles Organic Analysis Report

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY
MATLOCK, BRAD
4243 EMMETT F LOWRY EXPY
TEXAS CITY, TX 77591-2629

Date Reported : 04/25/2024
Report ID# : 20240425084244AG76925

Lab Sample ID# : AG76925
Sample Priority : NORMAL
TCEQ ID#(s) : 2408817

Water Source :
Entry Point(s) : EP001

Date Collected : 03/11/2024 07:26
Date Received : 03/12/2024
Date Analyzed : 04/03/2024
Extraction Date : 03/21/2024

Conc. Units : µg/L
Method : EPA 525.2
Analyst : RR
Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier
Alachlor [1]	<0.2	
Atrazine [1]	**0.18**	N
Benzo[a]pyrene [1]	<0.02	
alpha-Chlordane	<0.2	
gamma-Chlordane	<0.2	
trans-Nonachlor	<0.2	
Di(2-ethylhexyl) adipate [1]	<0.6	
Di(2-ethylhexyl) phthalate [1]	<0.6	
Heptachlor [1]	<0.04	
Hexachlorobenzene [1]	<0.1	
Hexachlorocyclopentadiene [1]	<0.1	*
Lindane [1]	<0.02	
Methoxychlor [1]	<0.1	
Simazine [1]	**0.08**	N

Monitored Compounds	Result	Qualifier
Acenaphthene	<0.20	
Acenaphthylene	<0.20	
Aldrin	<0.20	*
Anthracene	<0.20	
Benzo(a)anthracene	<0.20	
Benzo[b]fluoranthene	<0.20	
Benzo[g,h,i]perylene	<0.20	
Benzo[k]fluoranthene	<0.20	
Bromacil	<0.20	
Butachlor	<0.20	
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	

Monitored Compounds continued	Result	Qualifier
Dimethylphthalate	<2.0	
Fluorene	<0.20	
2,2',3,3',4,4',6-Heptachlorobiphenyl	<0.50	
2,2',4,4',5,6'-Hexachlorobiphenyl	<0.20	
Indeno[1,2,3-cd]pyrene	<0.20	
Metolachlor	<0.20	
Metribuzin	<0.20	
Naphthalene	<0.20	
2,2',3,3',4,5',6,6'-Octachlorobiphenyl	<0.50	
2,2',3',4,6-Pentachlorobiphenyl	<0.20	
Phenanthrene	<0.20	
Propachlor	<0.20	
Pyrene	<0.20	
2,2',4,4'-Tetrachlorobiphenyl	<0.20	
2,4,5-Trichlorobiphenyl	<0.20	
Trifluralin	<0.20	

Comments:

N - See sample comments.
* - This analyte has known instability and/or method performance issues and quantitation should be considered approximate.

EPA method 525.2-Presence of Simazine and 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.

Authorized by Team Lead AMIERTSCH on 04/24/2024

TEXAS Department of State Health Services

Texas Department of State Health Services

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*ALL METALS
Analysis Report

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY
MATLOCK, BRAD
4243 EMMETT F LOWRY EXPY
TEXAS CITY, TX 77591-2629

Date Reported : 04/09/2024
Report ID# : 20240409093321AG76698

Lab Sample ID# : AG76698
Sample Priority : NORMAL
TCEQ ID#(s) : 2415373

Water Source :
Entry Point(s) : EP001

Date Collected : 03/11/2024 07:26
Date Received : 03/12/2024

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Acidification	Completed		EPA 200.2	03/12/2024	TH
pH Check	Completed		EPA 200.2	03/13/2024	TH
Turbidity Screen	Completed		SM 2130B	03/13/2024	TH
Visible Particles	Completed			03/13/2024	TH
Total Hardness as CaCO3 by Calculation	**170**	mg/L	SM 2340B	03/19/2024	TH
Aluminum [1]	< 0.0200	mg/L	EPA 200.8	03/15/2024	KL
Antimony [1]	< 0.0010	mg/L	EPA 200.8	03/15/2024	KL
Arsenic [1]	< 0.0020	mg/L	EPA 200.8	03/15/2024	KL
Barium [1]	**0.102**	mg/L	EPA 200.8	03/15/2024	KL
Beryllium [1]	< 0.00080	mg/L	EPA 200.8	03/15/2024	KL
Cadmium [1]	< 0.0010	mg/L	EPA 200.8	03/15/2024	KL
Calcium	**52.4**	mg/L	EPA 200.7	03/19/2024	TH
Chromium [1]	< 0.0100	mg/L	EPA 200.8	03/15/2024	KL
Copper [1]	**0.0080**	mg/L	EPA 200.8	03/15/2024	KL
Iron [1]	< 0.010	mg/L	EPA 200.7	03/19/2024	TH
Lead [1]	< 0.0010	mg/L	EPA 200.8	03/15/2024	KL
Magnesium [1]	**9.50**	mg/L	EPA 200.7	03/19/2024	TH
Manganese [1]	< 0.0010	mg/L	EPA 200.8	03/15/2024	KL
Mercury [1]	< 0.00040	mg/L	EPA 245.1	03/25/2024	BF
Nickel [1]	**0.0022**	mg/L	EPA 200.8	03/15/2024	KL
Potassium [1]	**5.92**	mg/L	EPA 200.7	03/19/2024	TH
Selenium [1]	< 0.0030	mg/L	EPA 200.8	03/15/2024	KL
Silver [1]	< 0.0100	mg/L	EPA 200.8	03/15/2024	KL
Sodium [1]	**55.9**	mg/L	EPA 200.7	03/19/2024	TH
Thallium [1]	< 0.00040	mg/L	EPA 200.8	03/15/2024	KL
Zinc [1]	**0.121**	mg/L	EPA 200.8	03/15/2024	KL

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 KLE on 04/04/2024

TEXAS Health and Human Services

Texas Department of State Health Services

PUBLIC HEALTH LABORATORY DIVISION

Volatile Organic Compounds by GC/MS Analysis Report

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Submitter ID # (PWS ID #): 0840153

GULF COAST WATER AUTHORITY TX CITY
MATLOCK, BRAD
4243 EMMETT F LOWRY EXPY
TEXAS CITY, TX 77591-2629

Date Reported : 08/22/2024
Report ID# : 20240822100254AG92919

Lab Sample ID# : AG92919
Sample Priority : NORMAL
TCEQ Sample ID: 2406893

Water Source :
Entry Point(s) : EP001

Date Collected : 07/24/2024 09:57
Date Received : 07/25/2024
Date Analyzed : 07/30/2024

Conc. Units : µg/L
Method : EPA 524.2
Analyst : JL
Sample Cond. : Acceptable

Regulated Cmpds.	Result	Qualifier
Benzene [1]	<0.5	
Carbon tetrachloride [1]	<0.5	
Monochlorobenzene [1]	<0.5	
o-Dichlorobenzene [1]	<0.5	
para-Dichlorobenzene [1]	<0.5	
1,2-Dichloroethane [1]	<0.5	
1,1-Dichloroethylene [1]	<0.5	
cis-1,2-Dichloroethylene [1]	<0.5	
trans-1,2-Dichloroethylene [1]	<0.5	
1,2-Dichloropropane [1]	<0.5	
Dichloromethane [1]	<0.5	
Ethylbenzene [1]	<0.5	
Styrene [1]	<0.5	
Tetrachloroethylene [1]	<0.5	
Toluene [1]	<0.5	
1,2,4-Trichlorobenzene [1]	<0.5	
1,1,1-Trichloroethane [1]	<0.5	
1,1,2-Trichloroethane [1]	<0.5	
Trichloroethylene [1]	<0.5	
Vinyl chloride [1]	<0.5	
Xylenes (total) [1]	<0.5	

Monitored Cmpds.	Result	Qualifier
Chloroform	5.2	
Bromodichloromethane	9.7	
Dibromochloromethane	9.6	
Bromoform	2.2	
Dibromomethane	<1.0	
1,3-Dichlorobenzene	<1.0	
1,1-Dichloropropene	<1.0	
1,1-Dichloroethane	<1.0	
1,1,2,2-Tetrachloroethane	<1.0	
1,3-Dichloropropane	<1.0	
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	

Monitored Cmpds	Result	Qualifier
1,2,4-Trimethylbenzene	<1.0	
1,2,3-Trichlorobenzene	<1.0	
n-Propylbenzene	<1.0	
n-Butylbenzene	<1.0	
Naphthalene	<1.0	
Hexachlorobutadiene	<1.0	
1,3,5-Trimethylbenzene	<1.0	
4-Isopropyltoluene	<1.0	
Isopropylbenzene	<1.0	
t-Butylbenzene	<1.0	
s-Butylbenzene	<1.0	
Trichlorofluoromethane	<2.0	
Dichlorodifluoromethane	<2.0	
Bromochloromethane	<1.0	

Other Compounds	Result	Qualifier
Acetone	<10	
Acrylonitrile	<10	
2-Butanone (MEK)	<10	
Carbon disulfide	<1.0	
Ethyl methacrylate	<1.0	
2-Hexanone	<1.0	
Iodomethane	<5.0	
Methyl methacrylate	<1.0	
4-Methyl-2-pentanone (MIBK)	<2.0	
Methyl-t-butyl ether (MTBE)	<0.5	
Tetrahydrofuran	<5.0	

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 CJONES on 08/20/2024

TEXAS Health and Human Services

Texas Department of State Health Services

PUBLIC HEALTH LABORATORY DIVISION

EPA 552.2 Haloacetic Acids Analysis Report

Address: 1100 W 49th St
Austin, TX 78756
Mail: PO Box 149347, MC-1947
Austin, TX 78714-9347
1-888-776-7111 x7587
www.dshs.state.tx.us

Submitter ID # (PWS ID #): 0840153

GULF COAST WATER AUTHORITY TX CITY
MATLOCK, BRAD
4243 EMMETT F LOWRY EXPY
TEXAS CITY, TX 77591-2629

Date Reported : 08/15/2024
Report ID# : 20240815093024AG92856

Lab Sample ID# : AG92856
Sample Priority : NORMAL
TCEQ Sample ID: 2450375

Water Source :
Entry Point(s) : DBP2-01

Date Collected : 07/24/2024 09:41
Date Received : 07/25/2024
Date Analyzed : 08/02/2024
Extraction Date : 07/31/2024

Conc. Units : µg/L
Method : 552.2 Rev 1.0
Analyst : TS
Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	<2.0	
Dichloroacetic acid	**4.4**	
Trichloroacetic acid	**1.8**	
Monobromoacetic acid	<1.0	
Dibromoacetic acid	**3.2**	
Total HAA5 [1]	**9.4**	

Monitored Compounds	Result	Qualifier
Bromochloroacetic acid	**4.6**	
Dalapon	<1.0	

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 08/15/2024

TEXAS Health and Human Services

Texas Department of State Health Services

PUBLIC HEALTH LABORATORY DIVISION

Trihalomethanes by GC/MS Analysis Report

Address: 1100 W 49th St
Austin, TX 78756
Mail: PO Box 149347, MC-1947
Austin, TX 78714-9347
1-888-776-7111 x7587
www.dshs.state.tx.us

Submitter ID # (PWS ID #): 0840153

GULF COAST WATER AUTHORITY TX CITY
MATLOCK, BRAD
4243 EMMETT F LOWRY EXPY
TEXAS CITY, TX 77591-2629

Date Reported : 08/15/2024
Report ID# : 20240815093024AG92856

Lab Sample ID# : AG92856
Sample Priority : NORMAL
TCEQ Sample ID: 2450375

Water Source :
Entry Point(s) : DBP2-01

Date Collected : 07/24/2024 09:41
Date Received : 07/25/2024
Date Analyzed : 07/31/2024

Conc. Units : µg/L
Method : EPA 524.2
Analyst : TB
Sample Cond. : Acceptable

Trihalomethanes	Result	Qualifier
Chloroform	6.0	
Bromodichloromethane	13.5	
Dibromochloromethane	14.5	
Bromoform	3.1	
Total Trihalomethanes [1]	37.1	

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 08/15/2024