#### 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 <a href="http://dww.tceq.texas.gov/DWW/">http://dww.tceq.texas.gov/DWW/</a>

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.



# 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.
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<sup>\*</sup>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

#### **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

<sup>\*\*</sup>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

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

#### **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	Ν	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.

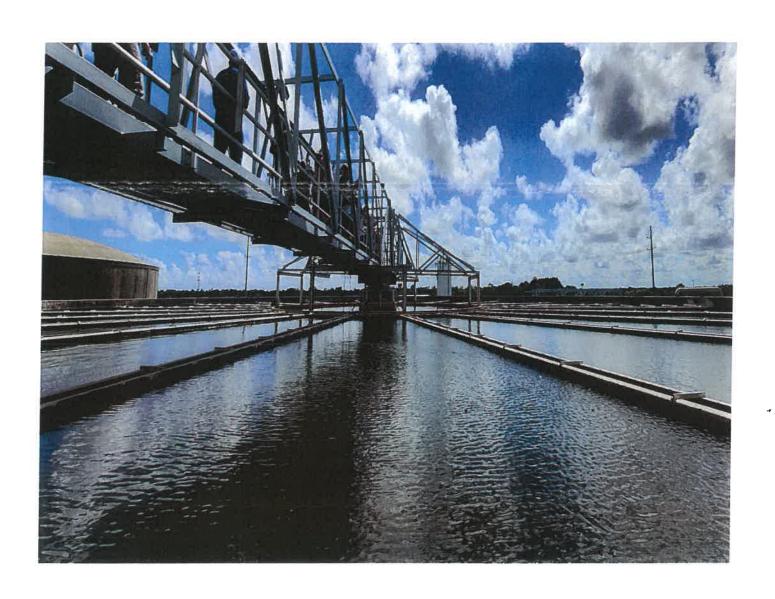
Lead/Copper	Date Sampled	MCLG	Action Level (AL)	90 <sup>th</sup> Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	07/27/2023	1.3	1.3	0.0649	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.

#### LEAD SERVICE LINE INVENTORY

To review 2024 Lead Service Line Inventory report online, please click on the following link <a href="https://mud12galveston.com/static/1024df179b8d9f6890e8748c0166df51/LSLI\_a622addd62.pdf">https://mud12galveston.com/static/1024df179b8d9f6890e8748c0166df51/LSLI\_a622addd62.pdf</a>. 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.



# **Consumer Confidence Report 2024**





## **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							
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						



## **CCR Summary Data 2024**

	20	24 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% 100.0%	
June	.13	.07		
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					



# **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				

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

	WATER	CHIECO	AST WATER AUTHORITY	TX CITY	PLANT NAME OR NUMBER:	SWTP - THOMAS MAC	KEY WTP - BRAZOS
SYSIEN	NAME:	GOLF COA	AST WATER AUTHORITI	TX OITT	I certify that am templar with the	information contained in this report and th	at,
PWS ID	No.:	0840153			to the best of my mowledge, the i	information is true, complete, and accurate	е.
Plant ID	No.:	14813		Operator's Signature:	1095		
Report f		January 20	024	Certificate No. & Grad	le: WO9043519, A	Date:	February 8, 2024
400		8 H B B		TREATM	ENT PLANT PERFORMANCE		
Total n	number of	turbidity re	eadings:	186	Number of 4-hour periods when p	lant was off-line:	0
		ngs above		112	Number of 4-hour periods when p		
Numbe	er of readi	ngs above	0.3 NTU:	0	but turbidity data was not collecte		0
		ngs above ngs above		0	Number of days when plant was or but individual filter turbidity data		0
		able turbidi		0.3	Number of days with readings abo		0 (2)
			ove this limit:	0.0 % (1)	Number of days with readings abo	ove 5.0 NTU:	0 (3)
		with a low	CT cutive hours:	0	Average log inactivation for Giard Average log inactivation for viruse		2.17 60.70
		with a low			Number of days when profiling da	ta was not collected:	0
		) consecuti		0 (4)	Number of days when CT data was	s not collected:	0
Minimu	ım disinfe	ctant resid	ual required leaving the p	lant:	0.5 mg/L, measured as Total	Chlorine	7.00
		with a low		0	Minimum pH in the last disinfection		7.00 0.00
			cutive hours:	0	Number of days with pH below 7.0		0.00
		with a low ( ) consecuti		0 (5)	Number of days when disinfectant leaving the plant was not properly		0
Tot liles			11/5-05 N - V - 2-2-2		OTDIDUTION OVOTEN	Million II de la companya da	
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			al required in distribution		0.5 mg/L, measured as Total required) (8)	Chiorine	
	nher of rea	adinds this		100 (ar icast 10	o requiredy (o)		
Total nur				3.08	Percentage of readings with a low	residual this month:	0.0 % (6A)
Average	disinfecta	nt residual s with a lo	value:	3.08			
Average Number	disinfectar of reading	nt residual s with a lo	value:		Percentage of readings with a low		0.0 % (6A)
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Average Number ( Number of The Pal Additio Additio No ad P.2-Tur	disinfectar of readings of readings ge 1 Adder and report diditional IF bidity Data  Settled Stast Summ  IFI Stast Summ  CF	int residual is with a lov is with no d indum (Pub indu	value: w residual: letectable residual: letectable residual: lic Notices) is not require vidual filter monitoring re vidual filter monitoring su are required this month.  Maximum turbid 95 <sup>th</sup> percentile v Maximum IFE tu 150 <sup>th</sup> percentile II Maximum CFE te Maximum CFE te	ADDITIONA d because there were n quired: ibmitted:  P.3-Filter Data  STATISTICAL dity reading: ilty reading: alue: urbidity reading: FE value: urbidity reading: urbidity reading: irbidity reading: FE value:	Percentage of readings with a low  AL REPORTS & WORKSHEETS o treatment technique or monitoring  NONE  NONE  P.4&5-Disinfection Day  ANALYSIS OF TURBIDITY DAY  3.49 NTU  0.33 NTU  2.64 NTU  0.33 NTU  0.05 NTU  0.27 NTU  0.17 NTU  0.08 NTU  0.18 NTU  0.19 NTU  0.11 NTU  0.11 NTU  0.11 NTU  0.11 NTU	residual last month:    Ireporting violations reported.     Iter	0.0 % (6B)  essment
Average Number ( Number of The Path Addition Addition No addition P.2-Tur	disinfectar of readings of readings ge 1 Adder and reports and reports diditional IF bidity Data  Settled Stast Summ IFI Stast Summ CF Stast	int residual is with a lov is with no d indum (Pub indu	value: w residual: letectable residual: lic Notices) is not require vidual filter monitoring re vidual filter monitoring su are required this month.  Maximum turbid 95 <sup>th</sup> percentile v Maximum IFE tu 95 <sup>th</sup> percentile li Maximum CFE to Minimum CFE to	ADDITIONA d because there were n quired: ibmitted:  P.3-Filter Data  STATISTICAL dity reading: ilty reading: alue: urbidity reading: FE value: urbidity reading: urbidity reading: irbidity reading: FE value:	Percentage of readings with a low  AL REPORTS & WORKSHEETS of treatment technique or monitoring  NONE  NONE  P.4&5-Disinfection Day  ANALYSIS OF TURBIDITY DAY  3.49 NTU  0.33 NTU  2.64 NTU  0.33 NTU  0.05 NTU  0.27 NTU  0.17 NTU  0.08 NTU  0.15 NTU  CAL ANALYSIS OF pH DATA	residual last month:  B I/reporting violations reported.  Filter	0.0 % (6B)  essment
Average Number ( Number of The Path Addition Addition No addition P.2-Tur	disinfectar of readings of readings ge 1 Adder and reports diditional IF bidity Data  Settled Stast Summ  CF Stast Summ  Last Zo	nt residual is with a loo is with no d indum (Pub ick) for indiv (s) for indiv (s) for indiv (s) for indiv E Reports a  Water tical mary E tical mary E tical mary E tical mary	value: w residual: letectable residual: letectable residual: lic Notices) is not require vidual filter monitoring re vidual filter monitoring su are required this month.  Maximum turbid 95 <sup>th</sup> percentile v  Maximum IFE tu Minimum IFEtur 95 <sup>th</sup> percentile II  Maximum CFE tr 95 <sup>th</sup> percentile C	ADDITIONA d because there were n quired: ibmitted:  P.3-Filter Data  STATISTICAL lity reading: ity reading: alue: urbidity reading: tribidity reading: urbidity reading: urbidity reading: ste value: urbidity reading: ste value: statistic	Percentage of readings with a low  AL REPORTS & WORKSHEETS o treatment technique or monitoring  NONE  NONE  P.4&5-Disinfection Di  ANALYSIS OF TURBIDITY DA  3.49 NTU  0.33 NTU  2.64 NTU  0.33 NTU  0.05 NTU  0.27 NTU  0.17 NTU  0.08 NTU  0.15 NTU  0.15 NTU  0.24 PH	residual last month:    Ireporting violations reported.	0.0 % (6B)  essment  continuous process of the session of the sess
Average Number ( Number of The Page Addition Addition No addition P.2-Tur	disinfectar of readings of readings of readings ge 1 Adder and reports diditional IF bidity Data  Settled Stast Summ  IFI Stast Summ  CF Stast Summ	int residual is with a loo is with no d indum (Pub is (s) for indiv (s) for indiv (s) for indiv E Reports a  Water tical mary E tical mary  E tical mary  T  T  T  T  T  T  T  T  T  T  T  T  T	value: w residual: letectable residual: letectable residual: lic Notices) is not require vidual filter monitoring re vidual filter monitoring su are required this month.  Maximum turbid 95 <sup>th</sup> percentile v  Maximum IFE tu Minimum IFEtur 95 <sup>th</sup> percentile li  Maximum CFE t Minimum CFE t 95 <sup>th</sup> percentile C	ADDITIONA d because there were n quired: ibmitted:  P.3-Filter Data  STATISTICAL dity reading: ity reading: alue: urbidity reading: urbidity reading: urbidity reading: urbidity reading: urbidity reading: step value: STATISTIC ading: ading:	Percentage of readings with a low  AL REPORTS & WORKSHEETS of treatment technique or monitoring  NONE  NONE  P.4&5-Disinfection Day  ANALYSIS OF TURBIDITY DAY  3.49 NTU  0.33 NTU  2.64 NTU  0.33 NTU  0.05 NTU  0.27 NTU  0.17 NTU  0.08 NTU  0.15 NTU  CAL ANALYSIS OF pH DATA	residual last month:  B I/reporting violations reported.  Filter	0.0 % (6B)  essment

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

PUBLIC WATER	GULF COAST WATER AUTHORITY	TV CITY	PLANT OR NUI	Marian	OMAS MACKEY	WTP - BRAZOS
SYSTEM NAME:	GULF COAST WATER AUTHORITI	IXCIII	I certify that Jam familia	with the information contained in this	s report and that,	
PWS ID No.:	0840153		////	edge, the information is true, complete	, and accurate.	
Plant ID No.:	14813	Operator's Signature	1/1gr	7		
Report for the Month of:	February 2024	Certificate No. & Grad	de: WO0043519, A		Date: M	March 6, 2024
		TREATM	ENT PLANT PERFORM	ANCE		
Total number o	f turbidity readings:	174	Number of 4-hour periods	when plant was off-line:		0
	lings above 0.10 NTU: lings above 0.3 NTU:	152	Number of 4-hour periods but turbidity data was not			0
	lings above 0.5 NTU:	0	Number of days when plan			
	lings above 1.0 NTU:	0	but individual filter turbidi	-		0 (2)
	rable turbidity level:	0,3 D.0 % (1)	Number of days with readi Number of days with readi	-		0 (3)
	eadings above this limit:	0.0 % (1)				2.90
Number of days for no more tha	s with a low CT n 4.0 consecutive hours:	0	Average log inactivation for Average log inactivation for			82.85
Number of days	with a low CT			iling data was not collected:		0
for more than 4	.0 consecutive hours:	0 (4)	Number of days when CT of	data was not collected:		0
Minimum disinf	ectant residual required leaving the p	plant:	0.5 mg/L, measured :	as Total Chlorine		
	with a low residual n 4.0 consecutive hours:		Minimum pH In the last dis			6.96 3.00
		0	Number of days with pH be Number of days when disir	slow 7.0 in the last distrifection	zone:	3.00
	with a low residual 0 consecutive hours:	0 (5)	leaving the plant was not p			0
ENVISION SONS		Di	STRIBUTION SYSTEM			
	to the state of th	-	0.5 mg/L, measured a	n Total Chlorina		,
	tant residual required in distribution eadings this month:		0.5 mg/L, measured a	is 10fdi etilothis		
	ant residual value:	3.05	Percentage of readings with	h a low residual this month:		0.0 % (6A)
	gs with a low residual: gs with no detectable residual:	0	Percentage of readings with	h a low residual last month:		0.0 % (6B)
Number of reading	33 WILLIAM GEOGRAPH TOSIGIAN					
			L REPORTS & WORKS		THE SAME OF	
The Page 1 Adde	endum (Public Notices) is not require	d because there were n	o treatment technique or mo			
	t(s) for Individual filter monitoring re		● NONE		Filter Assessm	
	t(s) for individual filter monitoring su FE Reports are required this month.	ibmilted:	NONE	O Filter Profile	Filter Assessm	nent (10) O CPE (11)
No additional	Tapoto di a laquina di a manini					
P.2-Turbidity Dat	la	P.3-Filter Data	P.4&5-Disinfe	ction Data P.6-TOCMOR		
Alternate Technol.						
Tecl						
		STATISTICAL	ANALYSIS OF TURBIDI	TY DATA		
Settled	Water Maximum turbio		2.70 NTU	Average turbidity	value:	0.83 NTU
	tical Minimum turbid	lity reading:	0.25 NTU 1.41 NTU	Standard deviation	1;	0.399 NTU
Sum				August 155 to the	lihe value	0.18 NTU
	E Maximum IFE tu tical Minimum IFEtur		0.48 NTU 0.06 NTU	Average IFE turbit Standard deviation		0.082 NTU
Sum	172,40001		0.35 NTU			
CI		urbidity reading:	0.22 NTU	Average CFE turbi		0.14 NTU 0.027 NTU
Stas Sumi	F. L. R. STONE CO. L. CO.	urbidity reading: CFE value:	0.08 NTU 0.18 NTU	Standard deviation	li	U.U. INTU
			CAL ANALYSIS OF pH D	ATA		
Last Zo	one pH Maximum pH re		7.13 pH	Average pH value:		7,04 pH
Stas Sumi	tical Minimum pH rea mary 95 <sup>th</sup> percentile v	_	6.96 pH 7.10 pH	Standard deviation	1:	0.042 pH

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 N. OR NUMB		VTP - THOMAS MACK	(EY WTP - BRAZOS
			certify that I am familiar w	with the information conta	ined in this report and the , complete, and accurate	it.
PWS ID No.:	0840153	Operator's Signature:	1/4/2			
Plant ID No.: Report for	14813	Oporator 5 digitation.	1/19-1			
the Month of:	March 2024	Certificate No. & Grade	WO0043519, A		Date:	April 3, 2024
	ENDER PROPERTY.	TREATME	ENT PLANT PERFORMA			
	f turbidity readings:	186	Number of 4-hour periods w			0
	lings above 0.10 NTU:	<u>17</u>	Number of 4-hour periods w but turbidity data was not co		ie:	D
	lings above 0.3 NTU: lings above 0.5 NTU:	0	Number of days when plant			
	lings above 1.0 NTU:	0	but individual filter turbidity	data was not collect	ted:	0
Maximum allow	able turbidity level:	0.3	Number of days with reading	gs above 1.0 NTU:		0 (2)
Percentage of r	eadings above this limit:	0.0 % (1)	Number of days with reading	gs above 5.0 NTU:		0 (3)
Number of days	with a low CT n 4.0 consecutive hours:	0	Average log inactivation for Average log inactivation for			<u>3.41</u> 97.37
Number of days			Number of days when profili		ected:	0
	.0 consecutive hours:	0 (4)	Number of days when CT da	ta was not collected	•	0
Minimum disinf	ectant residual required leaving the	plant:	0.5 mg/L, measured as	Total Chlorine		0.00
	with a low residual		Minimum pH in the last disin		- F 61	6.93 8.00
	n 4.0 consecutive hours:	0	Number of days with pH belo		intection zone:	0.00
	with a low residual .0 consecutive hours:	0 (5)	Number of days when disinfe leaving the plant was not pro			0
		DIS	TRIBUTION SYSTEM			
		-		Total Chlorina		
	tant residual required in distribution eadings this month:		0.5 mg/L, measured as required) (8)	Total Ginoinia		
	ant residual value:		Percentage of readings with	a low residual this m	nonth:	0.0 % (6A)
Number of readin	gs with a low residual:	0				0.0 % (6B)
Number of readin	gs with no detectable residual:	0	Percentage of readings with	a low residual last m	ionin:	0.0 % (0.5)
AVE THE TAX		ADDITIONAL	REPORTS & WORKSH	EETS		
The Page 1 Add	endum (Public Notices) is not requir	ed because there were no	treatment technique or moni	toring/reporting viol	ations reported.	
	rt(s) for individual filter monitoring r		● NONE	○ Filter	OFilter Asse	ssment O CPE
	t(s) for individual filter monitoring s		ONONE	O Filter Profile	OFilter Asse	ssment (10) CPE (11)
No additional	IFE Reports are required this month					
P.2-Turbidity Da	ta	P.3-Filter Data	P.4&5-Disinfect	ion Data P.6-	TOCMOR	
Alfernate Technol.						
		STATISTICAL 4	NALYSIS OF TURBIDIT	Y DATA		
Cattle	d Water Maximum turb		1.31 NTU		turbidity value:	0.45 NTU
3300000000	stical Minimum turbl		0.13 NTU		deviation:	0.199 NTU
Sun	nmary 95 <sup>th</sup> percentile	value:	0.75 NTU			
3000		turbidity reading:	0.28 NTU		IFE turbidity value:	0.10 NTU 0.047 NTU
(III) (IIII) (III)	MISCHELL IN	urbidity reading:	0.04 NTU 0.20 NTU	Standard	deviation:	<u> </u>
THE PARTY NAMED IN COLUMN TWO IS NOT THE PARTY N	mary 95 <sup>th</sup> percentile			A	CEE turkiditu valuer	0.07 NTU
1041070011	LCMUM	turbidity reading: turbidity reading:	0.14 NTU 0.03 NTU		CFE turbidity value: deviation:	0.022 NTU
	stical Minimum CFE imary 95 <sup>th</sup> percentile		0.11 NTU			
		STATISTIC	AL ANALYSIS OF pH DA	TA		
Last 2	one pH Maximum pH r	eading:	7.19 pH		pH value:	7.05 pH
Sta	stical Minimum pH re	-	6.93 pH	Standard	deviation:	0.067 pH
Drum	mary 95 <sup>th</sup> percentile	value:	7.15 pH			

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

	C WATER M NAME:	GULF CO	AST WA	TER AUTHORIT	Y TX CITY			LANT NAME R NUMBER:	SWTP -	THOMAS MACK	EY WTP -	BRAZOS		
			100				I certify that Lam	femilies with the infor	rmation contained in	n this report and the	it,			
PWS IE		084015	3		Operator's Sig		to the best of my	knowledge, the infor	maion is use, com	Metal and accounts.				
Plant II Report		14813			Operator's aig	nature;	1 Mil	7						
the Mo		April 202	4		Certificate No.	& Grade	: (WO0643519, A	4		Date:	May 2, 2	2024		
					TR	EATME	NT PLANT PERF	ORMANCE			W. T			
Total	number of	turbidity	readings	:	180		Number of 4-hour pe	riods when plant	was off-line:	•		0		
	per of readi				1		Number of 4-hour pe but turbidity data wa		was off-line:			. 0		
	per of readi per of readi	-			. 0		Number of days whe	n plant was on-lir						
	er of readi	_			0		but Individual filter to	•			F	0	(2)	
	num allowa ntage of re		-		0.3		Number of days with Number of days with	-				0		
_	er of days				77	-	Average log inactivat				,	4.93		
	more than			ours:	. 0		Average log inactivat					149,24		
	er of days				0 (4)		Number of days when Number of days when			l:	-	0		
	ore than 4.0													
				ilred leaving the	piant:		0.5 mg/L, measi Minimum pH in the la	ured as Total Chl				6.91		
	er of days u more than				.0		Number of days with			ion zone:		8.00		
Numb	er of days v	with a low	residual		9 11		Number of days when	disinfectant resi	idual					
	ore than 4.0				. 0 (5)	il contracts	leaving the plant was	not properly mor	nitored:	Desirie State State		0		
No.		(C)	er elek			DIS	TRIBUTION SYSTI	EM			NO PER			
		ent residu	al raquir	ed in distribution	n system:		0.5 mg/L, measu	red as Total Chic	orine					2.1
Minimu	n disintecta	uis százon	ai sadini	én III ainninanei		-		nga ao rosai om						
Total nu	mber of rea	adings this	s month:		. 180 (at le		required) (8)			0		0.0 %	4 (6A)	
Total nu Average		adings this nt residua	s month: I value:			J	required) (8) Percentage of reading	s with a low resid	dual this month:					
Total nu Average Number	mber of rea	adings this nt residua s with a lo	s month: I value: w residu	al:	3.47 (at le	J	required) (8)	s with a low resid	dual this month:			0.0 %		
Total nu Average Number	mber of rea disinfectar of readings	adings this nt residua s with a lo	s month: I value: w residu	al:	3.47 . 0 0		required) (8) Percentage of reading	s with a low resid	dual this month:					
Total nu Average Number Number	mber of rea disinfectar of readings of readings	adings this nt residua s with a lo s with no	s month: I value: w residu detectab	ral: le residual:	180 (at le 3.47 0 0 0 ADDIT	IONAL	required) (8) Percentage of reading Percentage of reading	s with a low resid s with a low resid RKSHEETS	dual this month:					
Total nu Average Number Number The Pa	mber of rea disinfectar of readings of readings age 1 Adder onal report(	adings this nt residua s with a lo s with no dum (Put s) for indi	s month: I value: w residu detectable olic Notice vidual fil	ral: le residual: res) is not requir lter monitoring r	180 (at to 3.47 0 0 0 ADDIT ed because there required:	IONAL	required) (8) Percentage of reading Percentage of reading	s with a low resid s with a low resid RKSHEETS	dual this month: dual last month: orting violations		ssment			
Total nu Average Number Number The Pa Addition	mber of rea disinfectar of readings of readings ge 1 Adder onal report( onal report(	adings this nt residua s with a lo s with no o ndum (Put (s) for indi (s) for indi	s month: I value: w residu detectabl blic Notic vidual fil	ral: le residual: ces) is not requir lter monitoring r	ADDIT  ded because there required: ubmitted:	IONAL	required) (8) Percentage of reading Percentage of reading REPORTS & WOI treatment technique o	s with a low resides with a low residence of the second se	dual this month:	s reported.		0.0 %	6(6B)	(11)
Total nu Average Number Number The Pa Addition	mber of rea disinfectar of readings of readings ge 1 Adder onal report( onal report(	adings this nt residua s with a lo s with no o ndum (Put (s) for indi (s) for indi	s month: I value: w residu detectabl blic Notic vidual fil	ral: le residual: res) is not requir lter monitoring r	ADDIT  ded because there required: ubmitted:	IONAL	required) (8) Percentage of reading Percentage of reading REPORTS & WOI treatment technique o	s with a low residence with a low residence swith a low residence switch a low residence sw	dual this month:	reported.		0.0 %	(6B)	(11)
Total nu Average Number Number The Pa Additte Additte No as	mber of rea disinfectar of readings of readings ge 1 Adder onal report( onal report(	adings thin residuals with a los with no of the control of the con	s month: I value: w residu detectabl blic Notic vidual fil	ral: le residual: ces) is not requir lter monitoring r	ADDIT  ded because there required: ubmitted:	I IONAL were no	required) (8) Percentage of reading Percentage of reading REPORTS & WOI treatment technique o	s with a low residence with a low residence swith a low residence switch a low residence sw	dual this month:	oreported.  OFilter Asses		0.0 %	(6B)	(11)
Total nu Average Number Number The Pa Additte Additte No as	mber of rea disinfectar of readings of readings age 1 Adder onal report( onal report( dditional IF	adings thin residuals with a los with no of the control of the con	s month: I value: w residu detectabl blic Notic vidual fil	ral: le residual: ces) is not requir lter monitoring r	ADDIT ed because there required:	I IONAL were no	required) (8) Percentage of reading Percentage of reading REPORTS & WOI treatment technique o	s with a low resides with a low resides with a low residence of the second seco	dual this month: dual last month: ording violations Profile	oreported.  OFilter Asses		0.0 %	(6B)	(11)
Total nu Average Number Number The Pa Additte Additte No as	mber of rea disinfectar of readings of readings age 1 Adder onal report( onal report( dditional IF	adings thin residuals with a loss with no of the control of the co	s month: I value: w residu detectabl blic Notic vidual fil	ral: le residual: ces) is not requir lter monitoring r	ADDIT ed because there required:	I IONAL were no	required) (8) Percentage of reading Percentage of reading REPORTS & WOI treatment technique o	s with a low resides with a low resides with a low residence of the second seco	dual this month: dual last month: ording violations Profile	oreported.  OFilter Asses		0.0 %	(6B)	(11)
Total nu Average Number Number The Pa Additio	mber of rea disinfectar of readings of readings age 1 Adder onal report( onal report( dditional IF	adings thin residuals with a loss with no of the control of the co	s month: I value: w residu detectabl blic Notic vidual fil	ral: le residual: ces) is not requir lter monitoring r	ADDIT  ded because there required: ubmitted:  P.3-Filter D	I IONAL were no	required) (8) Percentage of reading Percentage of reading REPORTS & WOR treatment technique o  NONE  NONE  P.4&5-Di	s with a low residence of the second of the	dual this month: dual last month: ording violations Profile	oreported.  OFilter Asses		0.0 %	(6B)	(11)
Total nu Average Number Number The Pa Additte Additte No as	mber of readings of readings of readings ge 1 Adder onal report( onal report( dditional IF	adings thint residuals with a loss with no of the second o	s month: I value: w residu detectabl blic Notic vidual fil	ral: le residual: ces) is not requir lter monitoring r	ADDIT ed because there required: ubmitted:  P.3-Filter D	I IONAL were no	required) (8) Percentage of reading Percentage of reading REPORTS & WOI treatment technique o	s with a low residence of the second of the	dual this month: dual last month: ording violations Profile	oreported.  OFilter Asses  OFilter Asses		0.0 %	G (6B)	(11)
Total nu Average Number Number The Pa Additte Additte No as	mber of readings of readings of readings of readings ge 1 Adder onal report( diditional IF roldity Data  Settled I Stasti	adings thint residuals with a loss with no of the second o	s month: I value: w residu detectabl blic Notic vidual fil	ral: le residual: les) is not requir lter monitoring r lter monitoring s lired this month.  Maximum turbi Minimum turbi	ADDIT  ded because there required: ubmitted:  P.3-Filter D  STATIST:  dity reading: dity reading: dity reading:	I IONAL were no	required) (8) Percentage of reading REPORTS & WOR treatment technique o  NONE  P.4&5-DI  NALYSIS OF TURI 1.95 NTU  0.17 NTU	s with a low residence of the second of the	dual this month: ording violations Profile  P.6-TOCM	oreported.  OFilter Asses  OR		0.0 %	G (6B)	(11)
Total nu Average Number Number The Pa Additte Additte No as	mber of readings of readings of readings of readings ge 1 Adder onal report( diditional IF reidity Data  Settled to Stasti Summ	adings thint residuals with a loss with no or	s month: I value: w residu detectabl  Silic Notic vidual fili vidual fili are requ	ral: le residual: res) is not requir lter monitoring r lter monitoring s lired this month.  Maximum turbi 95 <sup>th</sup> percentile	180 (at to 3.47 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	I IONAL were no	required) (8) Percentage of reading REPORTS & WOR treatment technique o  NONE  P.4&5-Di  NALYSIS OF TURI 1.95 NTU 0.17 NTU 0.74 NTU	s with a low residence of the second of the	dual this month: dual last month: ording violations Profile P.6-TOCM Average turbid Standard devia	oreported.  OFilter Assess  OR  ity value:		0.0 %	G (6B)	(11)
Total nu Average Number Number The Pa Additte Additte No as	mber of readings of readings of readings of readings ge 1 Adder onal report( diditional IF roldity Data  Settled I Stasti	adings thint residuals with a los with a los with no or the loss with no or the loss with no or the loss of the loss with no or the loss of the loss with no or the loss of the loss with no or the loss with	s month: I value: w residu detectabl  Silic Notic vidual fili vidual fili are requ	nal: le residual: les) is not requir lter monitoring r lter monitoring s lired this month.  Maximum turbi Minimum turbi 95 <sup>th</sup> percentile  Maximum IFE t	ADDIT  ded because there required: ubmitted:  P.3-Filter D  STATIST:  dity reading: dity reading: dity reading:	I IONAL were no	required) (8) Percentage of reading Percentage of reading REPORTS & WOI treatment technique o  NONE  NONE  P.4&5-DI  NALYSIS OF TURI 1.95 NTU 0.17 NTU 0.74 NTU 0.25 NTU 0.03 NTU	s with a low residence of the second of the	dual this month: dual last month: ording violations Profile P.6-TOCM Average turbid	or reported.  OFilter Asses  OR  ity value: ttion:		0.0 %	G (6B)  CPE  CPE	(11)
Total nu Average Number Number The Pa Additte Additte No as	mber of readings of readings of readings of readings ge 1 Adder onal report( diditional IF roldity Data  Settled \( \) Stasti Summ	adings thint residuals with a loss with no of the second o	s month: I value: w residu detectabl  Silic Notic vidual fili vidual fili are requ	nal: le residual: les) is not requir lter monitoring r lter monitoring s lired this month.  Maximum turbi Minimum turbi 95 <sup>th</sup> percentile  Maximum IFE t	ADDIT  ad because there required: ubmitted:  P.3-Filter D  STATIST: dity reading: value: urbidity reading: value:	I IONAL were no	required) (8) Percentage of reading REPORTS & WOR treatment technique o  NONE  NONE  P.4&5-DI  NALYSIS OF TURI 1.95 NTU 0.17 NTU 0.74 NTU 0.25 NTU	s with a low residence of the second of the	dual this month: dual last month: orting violations Profile P.6-TOCM Average turbid Standard devia	or reported.  OFilter Asses  OR  ity value: ttion:		0.0 % 0.47 N 0.248 N 0.08 N 0.034 N	G (6B)  O CPE  O CPE	(11)
Total nu Average Number Number The Pa Additte Additte No as	mber of readings of readings of readings of readings of readings ge 1 Adder onal report( diditional IF reliable Settled t Stasti Summ IFE Stasti Summ CFE	adings thint residuals with a loss with no of the condition of the conditi	s month: I value: w residu detectabl  Silic Notic vidual fili vidual fili are requ	Maximum turbi Maximum turbi Minimum turbi Morimum IFE to Minimum IFE to Morimum IFE to Morimum IFE to Morimum IFE to Morimum IFE to Morimum IFE to	ADDIT  ad because there to equired: ubmitted:  P.3-Filter D  STATIST: dity reading: type to be t	I IONAL were no	required) (8) Percentage of reading REPORTS & WOR treatment technique o  NONE  NONE  P.4&5-DI  NALYSIS OF TURI 1.95 NTU 0.47 NTU 0.74 NTU 0.25 NTU 0.03 NTU 0.15 NTU 0.11 NTU	s with a low resides with a low reside with a low resides with a low reside with a lo	dual this month: dual last month: orting violations Profile P.6-TOCM Average turbid Standard devia Average IFE tur Standard devia Average CFE tu	oreported.  OFilter Asses  OFilter Asses  OR  ity value: tilon: rbidity value: arbidity value:		0.0 % 0,47 N 0,248 N 0,034 N 0,034 N 0,007 N	G (6B)  C CPE  C CPE	(11)
Total nu Average Number Number The Pa Additte Additte No as	mber of readings of readings of readings of readings ge 1 Adder onal report( diditional IF roldity Data  Settled t Stasti Summ  IFE Stasti Summ	adings thint residuals with a loss with no of the second o	s month: I value: w residu detectabl  Silic Notic vidual fili vidual fili are requ	Maximum turbi Maximum turbi Minimum turbi Morimum IFE to Minimum IFE to Morimum IFE to Morimum IFE to Morimum IFE to Morimum IFE to Morimum IFE to	180 (at to 3.47 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	I IONAL were no	required) (8) Percentage of reading REPORTS & WOR treatment technique of MONE  MALYSIS OF TURI 1.95 NTU 0.17 NTU 0.74 NTU 0.25 NTU 0.03 NTU 0.15 NTU	s with a low resides with a low reside with a low resides with a low reside with a lo	dual this month: dual last month: orting violations Profile P.6-TOCM Average turbid Standard devia Average IFE tur Standard devia	oreported.  OFilter Asses  OFilter Asses  OR  ity value: tilon: rbidity value: arbidity value:		0.0 % 0.47 N 0.248 N 0.08 N 0.034 N	G (6B)  C CPE  C CPE	(11)
Total nu Average Number Number The Pa Additte Additte No as	mber of readings o	adings thint residuals with a loss with no of the second o	s month: I value: w residu detectabl  Silic Notic vidual fili vidual fili are requ	Maximum turbi Minimum IFEt Minimum IFEt Minimum IFEt Minimum IFE	180 (at la and a second	ITONAL were no	required) (8) Percentage of reading REPORTS & WOI treatment technique o  NONE  NONE  P.4&5-DI  NALYSIS OF TURI 1.95 NTU 0.17 NTU 0.74 NTU 0.03 NTU 0.015 NTU 0.14 NTU 0.15 NTU 0.17 NTU 0.18 NTU 0.19 NTU 0.19 NTU 0.11 NTU 0.11 NTU 0.11 NTU 0.11 NTU 0.11 NTU	s with a low resides with a low resides with a low resides with a low resides with a low reside with a low reside with a low resides with a low reside with a low	dual this month: dual last month: orting violations Profile P.6-TOCM Average turbid Standard devia Average IFE tur Standard devia Average CFE tu	oreported.  OFilter Asses  OFilter Asses  OR  ity value: tilon: rbidity value: arbidity value:		0.0 % 0,47 N 0,248 N 0,034 N 0,034 N 0,007 N	G (6B)  C CPE  C CPE	(11)
Total nu Average Number Number The Pa Additte Additte No as	mber of readings o	adings thint residuals with a los with a los with no or	s month: I value: w residu detectabl  Silic Notic vidual fili vidual fili are requ	Maximum turbinimum (FE turbinimum CFE to stimum CFE to sti	ADDIT  ad because there to equired: ubmitted:  P.3-Filter D  STATIST: dity reading: dity reading: value: urbidity reading: tribidity reading: tribidity reading: tribidity reading: starbidity reading: starbidity reading: STATIST: adding: STATIST: adding: STATIST: S	ITONAL were no	Percentage of reading REPORTS & WOR Treatment technique of NONE  NALYSIS OF TURI 1.95 NTU 0.17 NTU 0.74 NTU 0.03 NTU 0.05 NTU 0.08 NTU 0.08 NTU 0.08 NTU 0.09 PH	s with a low resides with a low resides with a low resides with a low resides with a low reside with a low reside with a low resident part of the sinfection Data with DATA	dual this month: dual last month: orting violations Profile P.6-TOCM Average turbid Standard devia Average IFE tur Standard devia Average CFE tu Standard devia Average PH val	or reported.  OFilter Asses  OFilter Asses  OR  ity value: tition: rhidity value: tion: ue;		0.0 % 0.47 N 0.248 N 0.08 N 0.034 N 0.034 N 7.05 pH	COPE  COPE	(11)
Total nu Average Number Number The Pa Additte No ac	mber of readings of readings of readings of readings ge 1 Adder onal report( diditional IF roidity Data  Settled 1 Stasti Summ  IFE Stasti Summ  CFF Stasti Summ	adings thint residuals with a loss with no of the second o	s month: I value: w residu detectabl  Silic Notic vidual fili vidual fili are requ	Maximum turbi Maximum turbi Minimum turbi Minimum turbi Minimum IFE to Minimum IFE to Minimum CFE Minimum CFE Minimum CFE Minimum CFE Minimum CFE Minimum CFE Minimum CFE	ADDIT  ad because there to equired: ubmitted:  P.3-Filter D  STATIST: dity reading: ubridity reading: value: urbidity reading: tribidity reading: tribidity reading: tribidity reading: starbidity reading:	ITONAL were no	Percentage of reading REPORTS & WOR Treatment technique of Ponone  NALYSIS OF TURI 1.95 NTU 0.17 NTU 0.74 NTU 0.25 NTU 0.03 NTU 0.15 NTU 0.16 NTU 0.17 NTU 0.18 NTU 0.19 NTU 0.19 NTU 0.19 NTU 0.10 NTU 0.10 NTU 0.10 NTU 0.10 NTU 0.11 NTU 0.12 NTU 0.13 NTU 0.14 NTU 0.15 NTU 0.15 NTU 0.15 NTU 0.17 NTU 0.18 NTU 0.19 NTU	s with a low resides with a low resides with a low resides with a low resides with a low reside with a low reside with a low resident part of the sinfection Data with DATA	dual this month: dual last month: orting violations Profile  P.6-TOCM  Average turbid Standard devia  Average IFE tur Standard devia  Average CFE tur Standard devia	or reported.  OFilter Asses  OFilter Asses  OR  ity value: tition: rhidity value: tion: ue;		0.0 %  0.47 N1  0.248 N1  0.08 N1  0.034 N1  0.007 N1  0.009 N1	COPE  COPE	(11)

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

PUBLIC WATER		TUODITY TV CITY		PLANT OR NU	NAME	SWITD THOU	IAS MACKEY	WTP - BRAZOS	
SYSTEM NAME	: GULF COAST WATER AU	INORIT IA CIT	_	I certify that I am familia	ar with the informatio	n contained in this re	port and that,		
PWS ID No.:	0840153			to the best of my knowle	ledge, the information	n is true, batriplete, a	nd accurate.		
Plant ID No.:	14813	Operator's Signature	:	many	v D.	Ulhru	fr		
Report for the Month of:	May 2024	Certificate No. & Grad	de:	WO0041290, A			Date: J	une 7, 2024	
		TREATM	IENT	PLANT PERFORM	IANCE		1802/06		
Total number	of turbidity readings:	186	Nun	nber of 4-hour periods	s when plant was	off-line:		0	
	dings above 0.10 NTU:	<del></del>		nber of 4-hour periods turbidity data was not		off-line:		0	
Number of readings above 0.5 NTU:  1 Number of days when plant was on-line									
Number of featings above 1.0 NTO.						72)			
								0	
Percentage of readings above this limit:  0.5 % (1)  Number of days with readings above 5.0 NTU  Number of days with a low CT  Average log Inactivation for Giardia:					10.		4.64		
	an 4.0 consecutive hours:	0		age log inactivation for				142.84	
	s with a low CT 4.0 consecutive hours:	0 (4)		ber of days when pro- ber of days when CT				0	
	fectant residual required lea			5 mg/L, measured					
	s with a low residual	Auth the brane		mum pH in the last dis		•		7.04	
	an 4.0 consecutive hours:	0		ber of days with pH be		st disinfection zo	ne:	0.00	1
Number of day	s with a low residual			ber of days when disi					- 1
for more than	1.0 consecutive hours:	0 (5)	leavi	ng the plant was not p	properly monitore	ed:		- 0	
		DI	STRIE	BUTION SYSTEM		(Carpinalis			
Minimum disinfe	ctant residual required in dis	stribution system:	0.5	mg/L, measured	as Total Chlorina				
	readings this month:	186 (at least 18	-	ired) (8) entage of readings wit	th a low recidual	this month.		0.0 %	6 (6A)
-	tant residual value: ngs with a low residual:	<u>3.11</u> 0	rerce	nitage of readings wit	ura low residual	una monta.			,
Number of reading	ngs with no detectable reside	ıal: 0	Perce	entage of readings wit	th a low residual i	last month:		0.0 %	(6B)
		ADDITIONA	L RE	PORTS & WORKS	HEETS				
The Page 1 Add	lendum (Public Notices) is n	ot required because there were n	o treati	ment technique or mo	nitoring/reporting	g violations repo	rted.		
	rt(s) for individual filter mon			( NONE	O Filter	OF	ilter Assessm	ent	O CPE
	rt(s) for individual filter mon			@NONE	O Filter Prof	ile OF	ilter Assessm	ent (10)	O CPE (11)
No additional	IFE Reports are required thi	s monus.							
P.2-Turbidity D	ata	P.3-Filter Data		P.4&5-Disinfe	ection Data	P.6-TOCMOR			
Alternate Technol.									
Alter						201			
S 2507(25)10a	hudrist water can	STATISTICAL	ANAL	YSIS OF TURBIDI	TY DATA	The State of the S			
Settle		um turbidity reading:		MTU		rage turbidity va	ue:	0.59 N	TU
160/08/09/01		um turbidity reading: rcentile value:		21 NTU 37 NTU	Star	ndard deviation:		0.366 N	lu .
		um IFE turbidity reading:		6 NTU	Δνα	rage IFE turbidity	value:	0.11 N	ſU
	stical Minim	um IFEturbidity reading:	0.0	NTU		idard deviation:		0.116 N	
Sur	. I-tc Posts	rcentile IFE value:		5 NTU					
10/03/02/35/57/1	N/COS/ONES	um CFE turbidity reading: um CFE turbidity reading:		9 NTU 5 NTU		rage CFE turbidit dard deviation:	y value:	0.08 NT	
- C248188 A-75	E PARTIE DE LA CONTRACTOR DEL CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR	rcentile CFE value:		2 NTU	Glai			3,010	
		STATISTIC	CAL A	NALYSIS OF pH D	ATA				
	E-SI ARREST ROSE I	um pH reading:	7.2	9 pH		age pH value:		7.17 pH	
(CSSSF2223)		um pH reading: rcentile value:		4 pH 7 pH	Stan	dard deviation:		0.061 pH	1
Sun	nmary 95" pe	rcentile value:	1.2	y bu					

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

PUBLIC WATER		TED AUTHODITY	TY CITY		PLANT NA OR NUMB		SWTP - THO	MAS MACKE	Y WTP - BRAZOS	5
SYSTEM NAME	GULF COAST WA	TER AUTHORIT	17 0111		Leertify that Lam familiar w	vith the Inform	mation contained in this	report and that,	0	
PWS ID No.:	0840153		Operated Circulture		to the best of my knowledg	ge, the inform	nation of the, complete.	and accurate.	4	
Plant ID No.: Report for	14813		Operator's Signature:		Curin	MX	I IM	my		
the Month of:	June 2024		Certificate No. & Grad	le:	WO0041290, A			Date:	July 8, 2024	
See Made No.			TREATM	ENT F	PLANT PERFORMA	NCE		WINDS STO	división de la	
	of turbidity readings		180		ber of 4-hour periods w				0	
	idings above 0.10 N7 idings above 0.3 NTC		2	Number of 4-hour periods when plant was off-line: but turbidity data was not collected:  0						
Number of rea	dings above 0.5 NTL	J:	0	Number of days when plant was on-line						
	dings above 1.0 NTL wable turbidity level		0.3	but Individual filter turbidity data was not collected:  Number of days with readings above 1.0 NTU:						(2)
	readings above this		0.0 % (1)		ber of days with reading				0	(3)
Number of day	ys with a low CT			Avera	age log inactivation for	Giardia:			5.34	
	an 4.0 consecutive h	nours:	0		age log inactivation for t		ne not collected:		169.04 0	
	s with a low CT 4.0 consecutive hou	rs:	0 (4)		ber of days when profiling ber of days when CT dat				0	
Minimum disir	rfectant residual req	uired leaving the p	lant:	0.5	mg/L, measured as	Total Chlo	orine			
	s with a low residua				num pH in the last disin				7.08	
	an 4.0 consecutive h		0		per of days with pH belo			one:	0.00	
	s with a low residua 4.0 consecutive hour		0 (5)		per of days when disinfe ng the plant was not pro				0	
			DIS	STRIB	UTION SYSTEM				- Personal Control	
Minimum disinfe	ctant residual requir	red In distribution	system:	0.5	mg/L, measured as	Total Chlo	orine			
Total number of	readings this month		180 (at least 18	0 requi	red) (8)				0.0	% (6A)
	tant residual value: ngs with a low reside	ıralı.	2.88	Perce	ntage of readings with a	a low resid	iual this month:		0.0	78 (074)
	ngs with no detectab		0	Perce	ntage of readings with a	a low resid	iual last month:		0.0	% (6B)
			ADDITIONA	L REF	PORTS & WORKSHE	EETS				
The Page 1 Add	dendum (Public Notic	ces) is not require	d because there were n	o treatn	nent technique or monit	toring/repo	orting violations rep	orted.		
	ort(s) for individual fi				● NONE	O Filter		Filter Assess	sment	O CPE
	ort(s) for Individual fi		bmitted:		NONE	O Filter	Profile O	Filter Assess	ment (10)	O CPE (11)
No additional	IFE Reports are req	uirea this month.								
P.2-Turbidity D	ata		P.3-Filter Data		P.4&5-Disinfecti	ion Data	P.6-TOCMOR			
Alternate Technol.										
Alte Tecl										
Selection of the			STATISTICAL	ANAL'	YSIS OF TURBIDITY	Y DATA				od Discould
10100000	ed Water	Maximum turbid			9 NTU		Average turbidity v		0.54 I	
110,000,000	nstical nmary	Minimum turbidi 95 <sup>th</sup> percentile va			<u>0 NTU</u> 1 NTU		Stanclard deviation:		0.103	
	IFE I	Maximum IFE tu	rbidity reading:		2 NTU		Average IFE turbidi		0.08	
Sta	stical	Minimum IFEturi 95 <sup>th</sup> percentile IF	oldity reading:		T NTU NTU		Standard deviation:		0.039	UTU
district the same of the same	nmary	Maximum CFE to			3 NTU		Average CFE turbid	ity value:	0.07 1	UTU
Sta	CFE estical	Minimum CFE tu	rbidity reading:	0.0	NTU		Standard deviation:		0.013	
Sur	nmary	95 <sup>th</sup> percentile C			NTU	TA		to to the		
HOUSE I		RIVELESEVIII			NALYSIS OF pH DA		Average pH value:	in Kopi i	7.20 p	Н
	Zone pH estical	Maximum pH rea Minimum pH rea	-		<u>3</u> pH 3 pH		Average privatue: Standard deviation:		0.057 p	
	nmary	95 <sup>th</sup> percentile va	-	7.28	pH					

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

	EM NAME:	GULF CO.	AST WA	TER AUTHORITY	TX CITY			OR NUMBER:		P-THOMAS		WTP - BRAZ	zos	
							I certify that va	n femiliar with the li wknowledge, the in	information contain	ed in this report a complete, and ac	and that, curate.			
PWS I	D No.:	0840153			Operator's Si	innature-	1/1/	/~	HOTTINGGOT D ZAW,					
Repor		14813			Operator a o	gnataro	1/1/-	7						
-		July 2024			Certificate No	. & Grade	e: WO0043519,	A		Da	te: A	lugust 1, 202	4	
					Т	REATM	ENT PLANT PER	FORMANCE	100					ر برای میشود. 
Tota	number of	turbidity re	eadings:		186		Number of 4-hour p	eriods when pla	ant was off-line				0	
	ber of readi				3 0		Number of 4-hour plant turbidity data v						0	
	ber of readi ber of readi	_			0		Number of days wh						_	
	ber of readi	-			0		but individual filter			l:			0 (2)	
1	mum allowa entage of re		-	imit-	0.0 % (1	11	Number of days with Number of days with	_					0 (3)	
$\vdash$				1111111	0.01 10 (1	'	Average log inactiv					4.7		
	ber of days on the ber			ours:	0		Average log inactiv					146.		
	ber of days						Number of days wh			ted:			0	
_	ore than 4.0				0 (4)		Number of days wh					-		
				ired leaving the p	lant:			sured as Total C				7.1	ß	
	per of days vonce than			urs:	0		Minimum pH in the Number of days wit			ection zone:		0.0		
Numf	er of days v	with a low i	residual				Number of days who						_	
	ore than 4.0			:	0 (5)		leaving the plant wa	s not properly m	nonitored:	- 155			0	
	91.9		and the same of			DIS	TRIBUTION SYS	TEM		1124	- 100 miles	ela di d		
Minimu	m disinfecta	ent residua	l require	d in distribution :	system:		0.5 mg/L, mea	sured as Total C	hlorine			and the second		
	ımber of rea						required) (8)						3	
	e disinfectar			al·	2.80	-	Percentage of readir	gs with a low re	esidual this mon	th:		0.	0] % (6A)	
Number	e disinfectar of readings of readings	with a lov	v residua		2.80 0		Percentage of reading						0] % (6A) 0] % (6B)	
Number Number	of readings of readings	s with a lov s with no d	v residua etectable	residual:	0		Percentage of readin	gs with a low re			0,725		-	31.444.83
Number Number	of readings	s with a low s with no d	v residua etectable	e residual:	0 0 ADDI	TIONAL	Percentage of readin	gs with a low re	esidual last mon	do:			-	ांशका
Number Number The P	of readings of readings age 1 Adden	s with a low s with no d dum (Publ	v residua etectable	es) la not requirec	0 0 ADDI	TIONAL	Percentage of reading REPORTS & WC	gs with a low re  RKSHEETS  or monitoring/re	esidual last mon	do:	Assessm	0.4	-	3581E4
Number Number The P	of readings of readings age 1 Adden	s with a low s with no do ndum (Publ s) for Indiv	v residua etectable ilc Notice	e residual:	ADDI	TIONAL	Percentage of readin REPORTS & WC treatment technique	gs with a low re	esidual last mon	th: ons reported.		0.4	% (6B)	
Number Number The Padditi Additi	of readings of readings age 1 Adden onal report( onal report(	s with a low s with no d ndum (Publ s) for Indiv s) for Indiv	v residua etectable lic Notice idual fille	eresidual: es) is not required er monitoring req	ADDI	TIONAL	Percentage of reading REPORTS & WC	gs with a low re	esidual last mon	th: ons reported.		0.4	% (6B)	
Number Number The Padditi Additi 'No a	of readings of readings age 1 Adden onal report( onal report( dditional IF	s with a low s with no do ndum (Publ s) for Indiv s) for Indiv E Reports a	v residua etectable lic Notice idual fille	es) is not required er monitoring req er monitoring sub	ADDI d because there quired:	TIONAL were no	Percentage of reading.  REPORTS & WO treatment technique  NONE	gs with a low re PRKSHEETS or monitoring/re O Filt	esidual last mon eporting violatic ter ter Profile	ons reported.  OFliter A		0.4	% (6B)	
Number Number The P Additi Additi 'No a	of readings of readings age 1 Adden onal report( onal report(	s with a low s with no do ndum (Publ s) for Indiv s) for Indiv E Reports a	v residua etectable lic Notice idual fille	es) is not required er monitoring req er monitoring sub	ADDI	TIONAL were no	Percentage of reading.  REPORTS & WO treatment technique  NONE	gs with a low re	esidual last mon eporting violatic ter ter Profile	ons reported.  OFliter A		0.4	% (6B)	
Number Number The P Additi Additi 'No a	of readings of readings age 1 Adden onal report( onal report( dditional IF	s with a low s with no do ndum (Publ s) for Indiv s) for Indiv E Reports a	v residua etectable lic Notice idual fille	es) is not required er monitoring req er monitoring sub	ADDI d because there quired:	TIONAL were no	Percentage of reading.  REPORTS & WO treatment technique  NONE	gs with a low re PRKSHEETS or monitoring/re O Filt	esidual last mon eporting violatic ter ter Profile	ons reported.  OFliter A		0.4	% (6B)	
Number Number The Padditi Additi 'No a	of readings of readings age 1 Adden onal report( onal report( dditional IF	s with a low s with no do ndum (Publ s) for Indiv s) for Indiv E Reports a	v residua etectable lic Notice idual fille	es) Is not required or monitoring req or monitoring sut ired this month.	ADDI  ADDI  the because there pulred: pmitted: P.3-Filter I	TIONAL were no	Percentage of reading.  REPORTS & WO treatment technique  NONE  PA&S-1	gs with a low re PRKSHEETS or monitoring/re	eporting violatic ter er Profile P.6-TO	ons reported.  OFilter A  CMOR	Assessm	0.0 ont ent (10)	(6B) % (6B)	(11)
Number Number The P Additi Additi 'No a	of readings of readings age 1 Adden onal report( onal report( dditional IF	s with a low s with no do ndum (Publ s) for Indiv s) for Indiv E Reports a	v residua etectable ijc Notice ijdual filk ijdual filk are requi	es) Is not required er monitoring req er monitoring sut ired this month.	ADDI d because there juired: pmitted: P,3-Filter I	TIONAL were no	Percentage of readin  REPORTS & WC  treatment technique  NONE  P.4&5-1	gs with a low re PRKSHEETS or monitoring/re	eporting violatic ter ter Profile P.6-TO	ons reported.  OFliter A  CMOR	Assessm	0.dent (10)	○ CPE	(11)
Number Number The P Additi Additi 'No a	of readings of readings age 1 Adden onal report( onal report( dditional IF rbidity Data	s with a lov s with no de adum (Publ s) for Indiv E Reports a	v residua etectable ijc Notice ijdual filk ijdual filk are requi	eresidual:  es) is not required or monitoring red or monitoring sub ored this month.  Maximum turbidi	ADDI d because there pulred: pmitted: P,3-Fliter I  STATIST	TIONAL were no	Percentage of reading.  REPORTS & WC treatment technique  NONE  P.4&5-1	gs with a low re PRKSHEETS or monitoring/re	eporting violatic ter er Profile P.6-TO	ons reported.  OFliter A  CMOR	Assessm	0.dent (10)	(GB) % (6B)	(11)
Number Number The P Additi Additi 'No a	of readings of readings age 1 Adden onal report( onal report( dditional IFi	s with a lov s with no d adum (Publ (s) for Indiv (s) for Indiv E Reports a	v residua etectable lic Notice idual filt idual filt are regul	es) Is not required er monitoring req er monitoring sut ired this month.	ADDI  ADDI  because there pulred: pmitted:  P.3-Filter I  STATIST  ty reading: ty reading:	TIONAL were no	Percentage of readin  REPORTS & WC  treatment technique  NONE  P.4&5-1	gs with a low re PRKSHEETS or monitoring/re	eporting violatic ter er Profile P.6-TO	ons reported.  OFliter A  CMOR	Assessm	0.45	(GB) % (6B)	(11)
Number Number The P Additi Additi 'No a	of readings of readings age 1 Adden onal report( onal report( dditional IFi rbidity Data  Settled \ Stasti Summ	water cal arry	v residua etectable lic Notice idual filt idual filt are requi	es) Is not required ar monitoring red ar monitoring subject this month.  Maximum turbidi Minimum turbidi 95 <sup>th</sup> percentile va	ADDI d because there puired: pmitted: P.3-Filter I  STATIST ty reading: ty reading: the reading: the state of	TIONAL were no	Percentage of reading.  REPORTS & WC treatment technique  NONE  P.4&5-1  NALYSIS OF TUF 1.90 NTU 0.13 NTU 0.76 NTU 0.22 NTU	gs with a low re PRKSHEETS or monitoring/re	eporting violatic ter er Profile  P.6-TOC  A Average turb Standard dev	ons reported.  OFilter A  CMOR  Idity value: viation:	Assessm	0.45 0.251	MTU NTU	(11)
Number Number The P Additi Additi 'No a	of readings of readings age 1 Adden onal report( onal report( dditional IFI rbidity Data  Settled \ Stasti Summ  IFE Stasti	water cal arry	v residua etectable lic Notice dual filh idual filh are requi	es) Is not required ar monitoring red ar monitoring subject this month.  Maximum turbidi Minimum turbidi 95 <sup>th</sup> percentile va Maximum IFE turb Minimum IFE turb	ADDI d because there pulred: pmitted: P,3-Filter I  STATIST ty reading: ty reading: the: bidity reading:	TIONAL were no	Percentage of reading.  REPORTS & WC treatment technique  NONE  P.4&5-1  NALYSIS OF TUF 1.90 NTU 0.13 NTU 0.13 NTU 0.22 NTU 0.02 NTU	gs with a low re PRKSHEETS or monitoring/re	eporting violatic ter er Profile P.6-TOC	ons reported.  OFilter A  CMOR  Idity value: viation:	Assessm	0.45 0.251	MTU NTU	(11)
Number Number The P Additi Additi 'No a	of readings of readings age 1 Adden onal report( onal report( dditional IFi rbidity Data  Settled V Stasti Summ  IFE Stasti Summ	water cal arry	v residua etectable lic Notice idual filt idual filt are requi	es) Is not required ar monitoring red ar monitoring subject this month.  Maximum turbidi Minimum turbidi 95 <sup>th</sup> percentile va Maximum IFE turb 195 <sup>th</sup> percentile IFI	ADDI  ADDI  because there puired: pmitted:  P.3-Filter I  STATIST  ty reading: ty reading: tue: bidity reading: E value:	TIONAL were no	Percentage of reading.  REPORTS & WC treatment technique  NONE  P.4&5-1  NALYSIS OF TUF  1.90 NTU  0.13 NTU  0.76 NTU  0.22 NTU  0.02 NTU  0.14 NTU	gs with a low re PRKSHEETS or monitoring/re	eporting violatic ter er Profile  P.6-TOC  A Average turb Standard dev	ons reported.  OFilter A  CMOR  Idity value: viation:  turbidity value viation:	Assessm e:	0.45 0.251 0.06 0.035	MTU NTU NTU	(11)
Number Number The P Additi Additi 'No a	of readings of readings of readings age 1 Adden onal report( onal report( dditional IF rbidity Dafa  Settled \ Stasti Summ  CFE Stasti	water cal ary	v residua etectable ilc Notice ildual filk ildual filk are requi	es) Is not required ar monitoring required ar monitoring subject this month.  Maximum turbidi Minimum turbidi Minimum turbidi Minimum IFE turb 95 <sup>th</sup> percentile Va Minimum IFE turb 95 <sup>th</sup> percentile IFI Maximum CFE turb Minimum Mini	ADDI  ADDI  because there pulred: pmitted:  P.3-Filter I  STATIST  ty reading: ty reading: the: bidity reading: E value: rbidity reading:	TIONAL were no	Percentage of reading REPORTS & WC treatment technique NONE  NONE  P.4&5-1  NALYSIS OF TUF 1.90 NTU 0.13 NTU 0.76 NTU 0.22 NTU 0.02 NTU 0.04 NTU 0.15 NTU 0.15 NTU 0.14 NTU	gs with a low re PRKSHEETS or monitoring/re	eporting violatic ter er Profile  P.6-TOC  A Average turb Standard dev	ons reported.  OFliter A  OFliter A  MOR  And C  An	Assessm e:	0.45 0.251 0.06 0.035	MTU NTU NTU	(11)
Number Number The P Additi Additi 'No a	of readings of readings of readings age 1 Adden onal report( onal report( dditional IFI rbidity Data  Settled V Stasti Summ  IFE Stasti Summ	water cal ary	v residua etectable ijc Notice idual filk idual filk are requi	es) Is not required or monitoring required this month.  Maximum turbidi Minimum turbidi Minimum IFE turb 95 <sup>th</sup> percentile Va Minimum CFE turb 95 <sup>th</sup> percentile CF turb 95 <sup>th</sup> percentile CF turb 95 <sup>th</sup> percentile CF	ADDI  ADDI  because there pulred: pmitted:  P,3-Filter I  STATIST  ty reading: ty reading: the: bidity reading: E value: rbidity reading:	TIONAL  Were no	Percentage of reading.  REPORTS & WC treatment technique  NONE  NONE  P.4&5-1  1.90 NTU 0.13 NTU 0.76 NTU 0.22 NTU 0.02 NTU 0.02 NTU 0.14 NTU 0.15 NTU 0.06 NTU 0.07 NTU 0.08 NTU 0.09 NTU 0.09 NTU 0.09 NTU 0.09 NTU 0.01 NTU 0.01 NTU 0.01 NTU 0.01 NTU 0.01 NTU	gs with a low re PRKSHEETS or monitoring/re O Filt O Filt Disinfection Data	eporting violatic ter ter Profile P.6-TOC A Average turb Standard dev Average CFE Standard dev	ons reported.  OFliter A  OFliter A  MOR  And C  An	Assessm e:	0.45 0.251 0.06 0.035	MTU NTU NTU NTU NTU NTU NTU	(11)
Number Number The P Additi Additi 'No a	of readings of readings age 1 Adden onal report( onal report( dditional IFi rbidity Data  Settled V Stasti Summ  IFE Stasti Summ  CFE Stasti Summ	water cal ary	v residua etectable lic Notice idual filh idual filh are requi	Maximum turbidi Minimum treturb Minimum IFE tur Minimum CFE tu	ADDI  ADDI  d because there pulred: prilited:  P.3-Filter I  STATIST  ty reading: ty reading: lue: bidity reading: c value: rbidity reading: filtity reading: state of the control of the	TIONAL  Were no	Percentage of reading.  REPORTS & WC treatment technique  NONE  P.485-1  NALYSIS OF TUF 1.90 NTU 0.13 NTU 0.76 NTU 0.22 NTU 0.02 NTU 0.14 NTU 0.15 NTU 0.06 NTU 0.06 NTU 0.07 NTU 0.08 NTU 0.09 NTU 0.19 NTU	gs with a low re PRKSHEETS or monitoring/re O Filt O Filt Disinfection Data	eporting violatic ter ter Profile  P.6-TOC  A Average turb Standard dev  Average CFE Standard dev	ons reported.  OFliter A  OFliter A  OFliter A  MOR  Addity value: riation:  turbidity value lation:	Assessm e:	0.45 0.251 0.06 0.035 0.012	MTU NTU NTU NTU	(11)
Number Number The P Additi Additi 'No a	of readings of readings of readings age 1 Adden onal report( onal report( dditional IF rbidity Dafa  Settled \ Stasti Summ  CFE Stasti	water cal ary	v residua etectable lic Notice idual filk idual filk are requi	es) Is not required or monitoring required this month.  Maximum turbidi Minimum turbidi Minimum IFE turb 95 <sup>th</sup> percentile Va Minimum CFE turb 95 <sup>th</sup> percentile CF turb 95 <sup>th</sup> percentile CF turb 95 <sup>th</sup> percentile CF	ADDI  ADDI  because there pulred: brilted:  P.3-Filter I  STATIST  ty reading: ty reading: tive: bidity reading: tive: bidity reading: tive: STATIST  STATIST  STATIST  STATIST  STATIST  STATIST  STATIST  STATIST  STATIST	TIONAL  Were no	Percentage of reading.  REPORTS & WC treatment technique  NONE  NONE  P.4&5-1  1.90 NTU 0.13 NTU 0.76 NTU 0.22 NTU 0.02 NTU 0.02 NTU 0.14 NTU 0.15 NTU 0.06 NTU 0.07 NTU 0.08 NTU 0.09 NTU 0.09 NTU 0.09 NTU 0.09 NTU 0.01 NTU 0.01 NTU 0.01 NTU 0.01 NTU 0.01 NTU	gs with a low re PRKSHEETS or monitoring/re O Filt O Filt Disinfection Data	eporting violatic ter ter Profile P.6-TOC A Average turb Standard dev Average CFE Standard dev	ons reported.  OFilter A  OFilter A  CMOR  CMOR  Lurbidity value:  Justion:  Lurbidity value  Justion:  Lurbidity value  Justion:  Lurbidity value  Justion:	Assessm e:	0.45 0.251 0.06 0.035	MTU NTU NTU NTU NTU NTU	(11)

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

min. 10 1444TED

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

PUBLIC WATER				PLANT NA		THOMAS MACK	CEVIATE BOATOS	
SYSTEM NAME:	GULF COAST WATER AUTHORITY	TX CITY	Loorlife	OR NUMB	ER: SWIP  ith the information contained		(EY WTP - BRAZOS at.	
PWS ID No.:	0840153		to the bes	st of the knowledg	e, the information is true, co	tolyte, and accurate		
Plant ID No.:	14813	Operator's Signature:	1	Mitan	w D.S	guns		
Report for the Month of:	August 2024	Certificate No. & Grad	e: WO0041	1290, A		Date:	September 6, 202	4
United States		TREATM	ENT PLANT I	PERFORMA	ICE ION	300 Block 300		
Total number of	turbidity readings:	186			hen plant was off-line:		0	
	ings above 0.10 NTU:	0			hen plant was off-line:		_	
Number of read	ings above 0.3 NTU:	0		lata was not co			- 0	
	ings above 0.5 NTU: ings above 1.0 NTU:	<u>0</u>		ys when plant i filter turbidity	was on-line data was not collected:		0	
	able turbidity level:	0.3		_	s above 1.0 NTU:		0	(2)
	eadings above this limit:	0.0 % (1)	Number of day	s with reading	s above 5.0 NTU:		0	(3)
Number of days	with a low CT		Average log in	activation for	Giardia:		5,45	
	n 4.0 consecutive hours:	0		activation for			168.74	J.
Number of days		0 (4)			ng data was not collecte a was not collected:	d:	- 0	
	0 consecutive hours:							
	ectant residual required leaving the	plant:		measured as			7.07	
	with a low residual 1 4.0 consecutive hours:	0	Minimum pH in		w 7.0 in the last disinfed	tion zone:	0.00	
1	with a low residual		Number of day					
	0 consecutive hours:	0 (5)	-		perly monitored:		0	
NOTE OF THE PERSON NAMED IN		nis	TRIBUTION :	SYSTEM				
Barrier and State for all	tant residual required in distribution		-	measured as	Total Chlorine	Company of the Control of the Contro		
	eadings this month:	186 (at least 180					•	
Average disinfecta		2.77	Percentage of I	readings with a	low residual this month	n:	0.0	6 (6A)
	gs with a low residual:	0	Darrantona of	readings with s	low residual last month	1.	0.0 %	6 (6B)
Number of reading	s with no detectable residual:	0	rercentage of i	eadings with a	TOW Testuda Marinothi	•		
ever sentinger		ADDITIONA	L REPORTS	& WORKSHE	ETS MESS			EN THE STATE OF
The Page 1 Adde	endum (Public Notices) is not require	ed because there were no	treatment tech	nique or monit	oring/reporting violation	ns reported.		
Additional report	t(s) for Individual filter monitoring re	equired:	(I)	NONE	○ Filter	OFilter Asse	ssment	O CPE
	i(s) for Individual filter monitoring s		N⊕	IONE	O Filter Profile	OFIlter Asse	ssment (10)	O CPE (11)
No additional I	FE Reports are required this month.							
P.2-Turbidity Dat	aa	P.3-Filter Data	P	.4&5-Disinfecti	on Data P.6-TOC	MOR		
Alternate Technol.								1
A F								one Kitogo militari
		STATISTICAL		- TURBIDITY		althur sumfura-	0.39 N	TU
Settled Stas	IN SOCIETIES		2.72 NTU 0.12 NTU		Average turbl Standard devi		0.305 N	
Sumi			0.64 NTU					
IF	E Maximum IFE to	urbidity reading:	0.47 NTU			urbidity value:	0.06 N	
Stas	tical Minimum IFEtu	rbidity reading:	0.02 NTU		Standard devi	lation:	0.039 N	TU
Sumi	- Chelia		0.09 NTU				0.00	711
CF	3-300-000	turbidity reading:	0.07 NTU 0.04 NTU		Average CFE Standard devi	turbidity value:	0.06 N 0.009 N	
Stas Sumi	(2010000) at	urbidity reading: CFE value:	0.07 NTU		Statified of GRAI			1
		STATISTIC	AL ANALYSI	S OF pH DA	ГА			
Last Zo	ne pH Maximum pH re	ading:	7.36 pH	= 0 100	Average pH v		7.17 pl	
Stas	tical Minimum pH re	ading:	7.07 pH		Standard devi	ation:	0.063_pH	1
Sumi	mary 95 <sup>th</sup> percentile v	value:	7.27 pH					

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

SYSTEM	WATER	DIN FOOACT WATER AUTHORITY	TV CITY	PLANT NAME OR NUMBER:	SWTP - THOMAS MACK	EY WTP - BRAZOS
J. J. LII	NAME: 9	GULF COAST WATER AUTHORITY	IXOIII	I certify that I am familiar with the infi	ormation contained in this report and tha	rt.
PWS ID	No.:	0840153		to the best of my knowledge, the info	ornation is true, conflete, and accurate.	•
Plant ID	_	14813	Operator's Signature:	Merro	1. & Jana	
Report f		September 2024	Certificate No. & Grad	de: WO0041290, A	Date:	October 3, 2024
DESCRIPTION OF THE PERSON OF T	YADIYA SE		TREATA	MENT PLANT PERFORMANCE		
Total n	umber of to	urbidity readings:	180	Number of 4-hour periods when plan	nt was off-line:	0
		gs above 0.10 NTU:	0	Number of 4-hour periods when plan		0
		gs above 0.3 NTU: gs above 0.5 NTU:	0	but turbidity data was not collected: Number of days when plant was on-		
		gs above 1.0 NTU:	0	but individual filter turbidity data wa		0 (2)
		ole turbidity level:	0.3	Number of days with readings above		0 (2)
Percen	tage of rea	dings above this limit:	0.0 % (1)	Number of days with readings above		
		rith a low CT 4.0 consecutive hours:	0	Average log inactivation for Giardia: Average log inactivation for viruses:		4.65 145.67
		vith a low CT		Number of days when profiling data		0
		consecutive hours:	0 (4)	Number of days when CT data was n	not collected:	<u> </u>
Minimu	ım disinfec	tant residual required leaving the	plant:	mg/L, measured as Total C	hlorine	
Numbe	r of days w	rith a low residual		Minimum pH in the last disinfection a	zone:	7.10
for no	more than 4	4.0 consecutive hours:	0	Number of days with pH below 7.0 in		0.00
		rith a low residual	0 (5)	Number of days when disinfectant re leaving the plant was not properly me		0
tor mor	e than 4.0 t	consecutive hours:	(3)	reaving the plant has not properly an		
70	907-14 JE	no Parameter all appro-	DI	STRIBUTION SYSTEM		
Minimum	disinfectar	nt residual required in distribution	ı system:	0.5 mg/L, measured as Total Ch	hlorine	
		dings this month: t residual value:	2.78 (at least 18	30 required) (8) Percentage of readings with a low re-	sidual this month:	0.0 % (6A)
		with a low residual:	0			
		with no detectable residual:	0	Percentage of readings with a low res	sidual last month:	0.0 % (6B)
				Percentage of readings with a low res	sidual last month:	0.0] % (6B)
Number (	of readings	with no detectable residual:	ADDITIONA	AL REPORTS & WORKSHEETS	The second	
Number of	of readings ge 1 Adden	with no detectable residual:	ADDITIONAl		porting violations reported.	
Number of the Page Addition Addition	of readings ge 1 Addend nal report(s nal report(s	with no detectable residual: dum (Public Notices) is not requir s) for individual filter monitoring r s) for individual filter monitoring s	ADDITIONA ed because there were n equired: ubmitted:	AL REPORTS & WORKSHEETS no treatment technique or monitoring/re    NONE   Filtr	porting violations reported.	ssment O CPE
Number of the Page Addition Addition	of readings ge 1 Addend nal report(s nal report(s	with no detectable residual: dum (Public Notices) is not requir s) for individual filter monitoring r	ADDITIONA ed because there were n equired: ubmitted:	AL REPORTS & WORKSHEETS no treatment technique or monitoring/re    NONE   Filtr	eporting violations reported.	ssment O CPE
The Pag Addition Addition No addition	of readings ge 1 Addend nal report(s nal report(s iditional IFE	with no detectable residual: dum (Public Notices) is not requir s) for individual filter monitoring r s) for individual filter monitoring s E Reports are required this month	ADDITIONA ed because there were n equired: ubmitted:	AL REPORTS & WORKSHEETS no treatment technique or monitoring/re    NONE   Filtr	eporting violations reported.  Filter Assert	ssment O CPE
The Pag Addition Addition No add	of readings ge 1 Addend nal report(s nal report(s	with no detectable residual: dum (Public Notices) is not requir s) for individual filter monitoring r s) for individual filter monitoring s E Reports are required this month	ADDITIONA ed because there were n equired: ubmitted:	AL REPORTS & WORKSHEETS  to treatment technique or monitoring/re  NONE  NONE  NONE  Filte	eporting violations reported.  Filter Assert	ssment O CPE
The Pag Addition Addition No addition	of readings ge 1 Addend nal report(s nal report(s iditional IFE	with no detectable residual: dum (Public Notices) is not requir s) for individual filter monitoring r s) for individual filter monitoring s E Reports are required this month	ADDITIONA ed because there were n equired: ubmitted:	AL REPORTS & WORKSHEETS  to treatment technique or monitoring/re  NONE  NONE  NONE  Filte	eporting violations reported.  Filter Assert	ssment O CPE
The Pag Addition Addition No add	of readings ge 1 Addend nal report(s nal report(s iditional IFE	with no detectable residual: dum (Public Notices) is not requir s) for individual filter monitoring r s) for individual filter monitoring s E Reports are required this month	ADDITIONA ed because there were n equired: ubmitted: P.3-Filter Data	AL REPORTS & WORKSHEETS  to treatment technique or monitoring/re  NONE  NONE  NONE  Filte	eporting violations reported.  Ger OFilter Asserted OFilter Asserted P.6-TOCMOR	ssment O CPE ssment (10) O CPE (11)
The Pag Addition Addition No add	of readings ge 1 Addeno nal report(s nal report(s ditional IFE	with no detectable residual:  dum (Public Notices) is not requires) for individual filter monitoring resident are required this month.  Nater Maximum turb	ADDITIONA ed because there were n equired: ubmitted:  P.3-Filter Data  STATISTICAL idity reading:	AL REPORTS & WORKSHEETS to treatment technique or monitoring/re  NONE  NONE  P.4&5-Disinfection Data  ANALYSIS OF TURBIDITY DATA  2.14 NTU	eporting violations reported.  Ger OFilter Asse  Profile OFilter Asse  P.6-TOCMOR  Average turbidity value:	ssment O CPE (11)  SSMENT (10)  O CPE (11)  O.54 NTU
The Pag Addition Addition No add	of readings ge 1 Addend nal report(s nal report(s ditional IFE bidity Data  Settled V Stastic	with no detectable residual:  dum (Public Notices) is not require s) for individual filter monitoring re s) for individual filter monitoring s E Reports are required this month	ADDITIONA ed because there were re equired: ubmitted:  P.3-Filter Data  STATISTICAL dity reading: dity reading:	AL REPORTS & WORKSHEETS no treatment technique or monitoring/re  NONE  NONE  P.4&5-Disinfection Data  ANALYSIS OF TURBIDITY DATA	eporting violations reported.  eer OFilter Asse er Profile OFilter Asse	ssment O CPE ssment (10) O CPE (11)
The Pag Addition Addition No add	of readings ge 1 Addeno nal report(s nal report(s ditional IFE bidity Data  Settled V Stastic Summa	with no detectable residual:  dum (Public Notices) is not requires) for individual filter monitoring residuals. For individual filter monitoring selections are required this month.  Water Maximum turbual Minimum turbuals.	ADDITIONA ed because there were n equired: ubmitted:  P.3-Filter Data  STATISTICAL idity reading: dity reading: value:	AL REPORTS & WORKSHEETS  To treatment technique or monitoring/re  NONE  NONE  P.485-Disinfection Data  ANALYSIS OF TURBIDITY DATA  2.14  NTU  0.12  NTU  1.57  NTU	eporting violations reported.  eer OFilter Asse  er Profile OFilter Asse  P.6-TOCMOR  Average turbidity value: Standard deviation:	ssment O CPE (11)  SSMENT (10)  O CPE (11)  O.54 NTU
The Pag Addition Addition No add	of readings ge 1 Addend nal report(s nal report(s ditional IFE bidity Data  Settled V Stastic	with no detectable residual:  dum (Public Notices) is not required; s) for individual filter monitoring residuals. EREPORTS are required this month  Water Maximum turb any 95th percentile  Maximum IFE to Minimum IFE	ADDITIONA ed because there were n equired: ubmitted:  P.3-Filter Data  STATISTICAL idity reading: dity reading: value: urbidity reading: urbidity reading:	AL REPORTS & WORKSHEETS  To treatment technique or monitoring/re  NONE  NONE  Filt  NONE  P.4&5-Disinfection Data  ANALYSIS OF TURBIDITY DATA  2.14  NTU  0.12  NTU  0.23  NTU  0.02  NTU  0.02  NTU	eporting violations reported.  Ger OFilter Asse  Profile OFilter Asse  P.6-TOCMOR  Average turbidity value:	SSMENT O CPE SSMENT (10) O CPE (11)  0.54 NTU 0.449 NTU
The Pag Addition Addition No add	of readings ge 1 Addend nal report(s nal report(s ditional IFE bidity Data  Settled V Stastic Summa	with no detectable residual:  dum (Public Notices) is not require s) for individual filter monitoring re s) for individual filter monitoring s E Reports are required this month  Water Maximum turb cal Minimum turbl ary 95 <sup>th</sup> percentile Maximum IFE to	ADDITIONA ed because there were n equired: ubmitted:  P.3-Filter Data  STATISTICAL idity reading: dity reading: value: urbidity reading: urbidity reading:	AL REPORTS & WORKSHEETS  to treatment technique or monitoring/re  NONE  NONE  P.485-Disinfection Data  ANALYSIS OF TURBIDITY DATA  2.14  NTU  0.12  1.57  NTU  0.23  NTU	eporting violations reported.  Ger OFilter Asse  Profile OFilter Asse  Profile Average turbidity value:  Standard deviation:  Average IFE turbidity value:	0.54 NTU 0.449 NTU 0.0024 NTU
The Pag Addition Addition No add	of readings ge 1 Addend nal report(s nal report(s ditional IFE bidity Data  Settled V Stastic Summa  IFE Stastic Summa	with no detectable residual:  dum (Public Notices) is not requires) for individual filter monitoring residuals.  Reports are required this month  Water Maximum turb cal Minimum turble ary 95th percentile  Maximum IFE to see Minimum IFE to see Minimum IFE to see Minimum IFE to see Maximum IFE to se	ADDITIONA ed because there were n equired: ubmitted:  P.3-Filter Data  STATISTICAL idity reading: dity reading: value: urbidity reading: irbidity reading: turbidity reading: turbidity reading:	AL REPORTS & WORKSHEETS  To treatment technique or monitoring/re  NONE  NONE  Filt  NONE  P.485-Disinfection Data  ANALYSIS OF TURBIDITY DATA  2.14  NTU  1.57  NTU  0.23  NTU  0.00  NTU  0.10  NTU	eporting violations reported.  Ler OFilter Assert  P.6-TOCMOR  A Average turbidity value: Standard deviation:  Average IFE turbidity value: Standard deviation:  Average CFE turbidity value:	0.54 NTU 0.06 NTU 0.06 NTU 0.06 NTU
The Pag Addition Addition No add	ge 1 Addender nat report(state) nat report(state	with no detectable residual:  dum (Public Notices) is not requires) for individual filter monitoring residuals.  Reports are required this month  Water Maximum turb and Minimum turb ary 95th percentile  Maximum IFEtt ary 95th percentile  Maximum IFEtt and Minimum IFEtt ary 95th percentile  Maximum CFE Minimum CFE all Minimum CFE	ADDITIONA ed because there were n equired: ubmitted:  P.3-Filter Data  STATISTICAL idity reading: dity reading: value: urbidity reading: tribidity reading: turbidity reading: turbidity reading: turbidity reading:	AL REPORTS & WORKSHEETS to treatment technique or monitoring/re  NONE  NONE  P.485-Disinfection Data  ANALYSIS OF TURBIDITY DATA  2.14  NTU  0.12  NTU  1.57  NTU  0.23  NTU  0.02  NTU  0.10  NTU  NTU  NTU  NTU  NTU  NTU  NTU  NT	eporting violations reported.  ear OFilter Asse  er Profile OFilter Asse  P.6-TOCMOR  Average turbidity value: Standard deviation:  Average IFE turbidity value: Standard deviation:	0.54 NTU 0.449 NTU 0.0024 NTU
The Pag Addition Addition No add	of readings ge 1 Addend nal report(s nal report(s ditional IFE bidity Data  Settled V Stastic Summa  IFE Stastic Summa	with no detectable residual:  dum (Public Notices) is not requires) for individual filter monitoring residuals.  Reports are required this month  Water Maximum turb and Minimum turb ary 95th percentile  Maximum IFEtt ary 95th percentile  Maximum IFEtt and Minimum IFEtt ary 95th percentile  Maximum CFE Minimum CFE all Minimum CFE	ADDITIONA ed because there were n equired: ubmitted:  P.3-Filter Data  STATISTICAL idity reading: dity reading: value: urbidity reading: irbidity reading: turbidity reading: turbidity reading: turbidity reading: turbidity reading:	AL REPORTS & WORKSHEETS  To treatment technique or monitoring/re  NONE  NONE  Filt  NONE  P.485-Disinfection Data  ANALYSIS OF TURBIDITY DATA  2.14  NTU  1.57  NTU  0.23  NTU  0.02  NTU  0.10  NTU  0.10  NTU  0.04  NTU  0.08  NTU	eporting violations reported.  Ler OFilter Assert  P.6-TOCMOR  A Average turbidity value: Standard deviation:  Average IFE turbidity value: Standard deviation:  Average CFE turbidity value:	0.54 NTU 0.06 NTU 0.06 NTU 0.06 NTU
The Pag Addition Addition No add	of readings ge 1 Addend nal report(s nal report(s ditional IFE bidity Data  Settled V Stastic Summa  IFE Stastic Summa  CFE Stastic Summa	with no detectable residual:  dum (Public Notices) is not requires) for individual filter monitoring residuals.  From the formal filter monitoring set in the formal for individual filter monitoring set in the formal filter monitoring set in the filter monitoring set	ADDITIONA ed because there were n equired: ubmitted:  P.3-Filter Data  STATISTICAL idity reading: dity reading: value: urbidity reading: turbidity reading: turbidity reading: turbidity reading: CFE value:  STATISTIC	AL REPORTS & WORKSHEETS  To treatment technique or monitoring/re  NONE  NONE  P.485-Disinfection Data  ANALYSIS OF TURBIDITY DATA  2.14  NTU  0.12  NTU  1.57  NTU  0.23  NTU  0.02  NTU  0.10  NTU  0.10  NTU  0.10  NTU  0.04  NTU	eporting violations reported.  Ler OFilter Assert  P.6-TOCMOR  A Average turbidity value: Standard deviation:  Average IFE turbidity value: Standard deviation:  Average CFE turbidity value:	0.54 NTU 0.449 NTU 0.024 NTU 0.009 NTU 7.25 pH
The Pag Addition Addition No addition P.2-Turi	ge 1 Addender nat report(state) nat report(state	with no detectable residual:  dum (Public Notices) is not requires) for individual filter monitoring residuals.  From the formal filter monitoring set in the formal for individual filter monitoring set in the formal for individual filter monitoring set in the formal formal formal filter monitoring set in the formal f	ADDITIONA ed because there were n equired: ubmitted:  P.3-Filter Data  STATISTICAL idity reading: dity reading: urbidity reading: turbidity reading: turbidity reading: turbidity reading: cree value:  STATISTIC sading: eading:	AL REPORTS & WORKSHEETS TO treatment technique or monitoring/re  NONE  NONE  P.485-Disinfection Data  ANALYSIS OF TURBIDITY DATA  2.14 NTU 0.12 NTU 1.57 NTU 0.23 NTU 0.02 NTU 0.10 NTU 0.10 NTU 0.04 NTU 0.08 NTU CAL ANALYSIS OF pH DATA	eporting violations reported.  eer	0.54 NTU 0.449 NTU 0.006 NTU 0.009 NTU

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

PUBLIC WATER	OULT AG AGT WATER AUTHORITY	TVATV		NT NAME	TUOMAS MACI	(EY WTP - BRAZOS	
SYSTEM NAME:	GULF COAST WATER AUTHORITY	IXCIII	I certify that I am fam	iliar with the information contained	d in this report and tha	at,	
PWS ID No.:	0840153		to the best of my kno	wledge, the information is true co	implete, and accurate	t.	
Plant ID No.:	14813	Operator's Signature:	enter	10 1-17 A	vls		
Report for the Month of:	October 2024	Certificate No. & Grade	W00041290, A		Date:	November 7, 2024	
S.V.S.D.V		TREATME	NT PLANT PERFOR	MANCE			
Total number of	turbidity readings:	186	Number of 4-hour perio	ds when plant was off-line:		0	
	ngs above 0.10 NTU:	61	-	ds when plant was off-line:		0	
	ngs above 0.3 NTU: ngs above 0.5 NTU:	0	but turbidity data was n Number of days when p				
	ngs above 1.0 NTU:	0		idity data was not collected:	:	0	
Maximum allows	able turbidity level:	0.3	Number of days with rea			0 (2)	
Percentage of re	adings above this limit:	0.0 % (1)	Number of days with rea	idings above 5.0 NTU:		0 (3)	
Number of days for no more than	with a low CT 4.0 consecutive hours:	0	Average log inactivation Average log inactivation			3.84 119.52	
Number of days				rofiling data was not collect	ed:	0	
for more than 4.0	consecutive hours:	0 (4)	Number of days when C	T data was not collected:		0	
Minimum disinfe	ctant residual required leaving the p	olant:	0.5 mg/L, measure	d as Total Chlorine			- 1
	with a low residual		Minimum pH in the last o		_	7.17	- 1
	4.0 consecutive hours:			below 7.0 in the last disinfe	ction zone:	0.00	- 1
	with a low residual consecutive hours:		Number of days when di leaving the plant was no			0	
				- Familia	The second second		Zarana ya Kasa
			TRIBUTION SYSTEM	The second second second	CHESCHE WILL		AND DESCRIPTION OF THE PARTY OF
	ant residual required in distribution	system: 186 (at least 180		d as Total Chlorine			- 1
Average disinfecta	adings this month: nt residual value:			vith a low residual this monl	lh:	0.0 % (6)	A)
-	s with a low residual:	0					
Number of reading	s with no detectable residual:	0	Percentage of readings v	vith a low residual last mont	h:	0.0] % (68	3)
	the water worth	ADDITIONAL	REPORTS & WORK	SHEETS	A CONTRACTOR OF THE PARTY OF TH	The second second	
The Page 1 Adder	ndum (Public Notices) is not require	d because there were no	treatment technique or n	nonitoring/reporting violation	ns reported.		
	(s) for individual filter monitoring re-		( NONE	O Filter	OFilter Asses	ssment	O CPE
	s) for Individual filter monitoring su		@NONE	O Filter Profile	OFilter Asses	ssment (10)	O CPE (11)
No additional IF	E Reports are required this month.						
P.2-Turbidity Data	1	P.3-Filter Data	P.4&5-Disin	fection Data P.6-TOC	MOR		
Alternate Technol.							- 1
44			****				
		STATISTICAL A	NALYSIS OF TURBII	DITY DATA			
Settled			2.31 NTU 0.21 NTU	Average turb Standard dev		0.57 NTU 0.409 NTU	- 1
Stast Sumn	E HARMEN TANK		1.35 NTU	Statistatu dev	iation.	0.455	
IFE	Maximum IFE tu	rbidity reading:	0,39 NTÚ	Average IFE	turbidity value:	0.09 NTU	
Stast	ical Minimum IFEtur	bidity reading:	0.03 NTU	Standard dev		0.037 NTU	
Summ	pary 95 <sup>ln</sup> percentile IF	E value:	0.16 NTU				
CFI		urbidity reading:	0.17 NTU		turbidity value:	0.10 NTU 0.023 NTU	
Stast Summ			0.04 NTU 0.13 NTU	Standard dev	iau0ii;	V.023 1410	
	Sedice Indicate of Personal Co.		L ANALYSIS OF PH	DATA			
Last Zo	ne pH Maximum pH rea		7.42 pH	Average pH v	alue:	7.28 pH	
Stasti	cal Minimum pH rea	ding:	7.17 pH	Standard devi		0.053 pH	1
Summ	ost ostantile ve	elue:	7.36 pH				1

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

PUBLIC WAT		TER AUTHORITY TX CITY	PLANT NAME OR NUMBER:	SWTP - THOMAS MACK	EY WTP - BRAZOS
SYSTEM NAI	WE: GULF COAST WA	IER AUTHORITT IX CITT	I certify that I am familiar with the inform	mation contained in this report and that	
PWS ID No.:	0840153		to the best of my knowledge, the inform		
Plant ID No.:	14813	Operator's Signal	ture:	Muni	
Report for the Month of	November 2024	Certificate No. &	Grade: WO0041290, A	Date:	December 6, 2024
<b>加速等</b>		TREA	ATMENT PLANT PERFORMANCE		
Total numb	er of turbidity readings:		Number of 4-hour periods when plant	was off-line:	0
	readings above 0.10 NT readings above 0.3 NTU		Number of 4-hour periods when plant but turbidity data was not collected:	was off-line:	0
	readings above 0.5 NTU	:0	Number of days when plant was on-lin	e	
	readings above 1.0 NTU		but individual filter turbidity data was a		0 (2)
	Ilowable turbidity level: of readings above this		Number of days with readings above 1 Number of days with readings above 5		0 (3)
		1010 /u (1)	Average log inactivation for Glardia:		3.47
	days with a low CT than 4.0 consecutive h	ours: 0	Average log inactivation for viruses:		107.12
	days with a low CT	51.40	Number of days when profiling data wa		0
	an 4.0 consecutive hour		Number of days when CT data was not		
i	sinfectant residual requ		0.5 mg/L, measured as Total Chic		7.16
	days with a low residual than 4.0 consecutive he		Minimum pH in the last disinfection zo Number of days with pH below 7.0 in the		0.00
Number of c	lays with a low residual		Number of days when disinfectant resid		
	n 4.0 consecutive hour		leaving the plant was not properly mon	itored:	0
	V 20 20 20 20 20 20 20 20 20 20 20 20 20	MUNICIPAL DE LA CONTRACTION DE	DISTRIBUTION SYSTEM		
Minimum disi	nfectant residual requir	ed in distribution system:	0.5 mg/L, measured as Total Chlo	orine	
Total number	of readings this month:	180 (at leas	st 180 required) (8)	hart the farmer of the	0.0 % (6A)
	fectant residual value: idings with a low residu	2.78 nal: 0	Percentage of readings with a low resid	iuai inis monui:	0.01 /8 (0.4)
	dings with no detectab		Percentage of readings with a low resid	lual last month:	0.0 % (6B)
		ADDITIO	ONAL REPORTS & WORKSHEETS		
The Page 1	Addendum (Public Notic	ces) Is not required because there we	ere no treatment technique or monitoring/repo	orting violations reported.	
		Iter monitoring required:	● NONE	OFilter Asses	sment O CPE
Additional re	eport(s) for individual fil	ter monitoring submitted:	●NONE ○ Filter	Profile OFilter Asses	sment (10) O CPE (11)
No addition	nal IFE Reports are requ	rired this month.			
P.2-Turbidity					
	/ Data	P.3-Filter Data	a P.4&5-Disinfection Data	P.6-TOCMOR	
	/ Data	P.3-Filter Data	a P.4&5-Disinfection Data	P,6-TOCMOR	
Alternate Technol.	/ Data			P,6-TOCMOR	
Alternate Technol.	a u rako (rak	STATISTIC	P.4&5-Disinfection Data  CAL ANALYSIS OF TURBIDITY DATA  1.98 NTU	P.6-TOCMOR  Average turbidity value:	0.64 NTU
Alternate Technol.	ittled Water Stastical	STATISTIC Maximum turbidity reading: Minimum turbidity reading:	CAL ANALYSIS OF TURBIDITY DATA  1.98 NTU 0.19 NTU		0.64 NTU 0.465 NTU
Alternate Technol.	ttled Water	STATISTIC Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:	CAL ANALYSIS OF TURBIDITY DATA  1.98 NTU 0.19 NTU 1.59 NTU	Average turbidity value: Standard deviation:	0.465 NTU
Alternate Technol.	ttled Water Stastical Summary IFE	STATISTIC  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading:	CAL ANALYSIS OF TURBIDITY DATA  1.98 NTU 0.19 NTU 1.59 NTU 0.21 NTU	Average turbidity value:	
Afternate Technol.	ittled Water Stastical Summary	STATISTIC Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:	CAL ANALYSIS OF TURBIDITY DATA  1.98 NTU 0.19 NTU 1.59 NTU	Average turbidity value: Standard deviation: Average IFE turbidity value:	0.465 NTU
Afternate Technol.	ttled Water Stastical Summary IFE Stastical	STATISTIC  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading: Minimum IFEturbidity reading: 95 <sup>th</sup> percentile IFE value:  Maximum CFE turbidity reading:	EAL ANALYSIS OF TURBIDITY DATA  1.98 NTU 0.19 NTU 1.59 NTU  6.21 NTU 0.04 NTU 0.13 NTU 0.19 NTU	Average turbidity value: Standard deviation: Average IFE turbidity value: Standard deviation: Average CFE turbidity value:	0.465 NTU  0.09 NTU  0.031 NTU  0.12 NTU
Alternate Technol.	ttled Water Stastical Summary  IFE Stastical Summary  CFE Stastical	STATISTIC  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading: Minimum IFEturbidity reading: 95 <sup>th</sup> percentile IFE value:  Maximum CFE turbidity reading: Minimum CFE turbidity reading:	CAL ANALYSIS OF TURBIDITY DATA  1.98 NTU 0.19 NTU 1.59 NTU 6.21 NTU 6.04 NTU 0.13 NTU 0.19 NTU 0.19 NTU	Average turbidity value: Standard deviation: Average IFE turbidity value: Standard deviation:	0.465 NTU  0.09 NTU  0.031 NTU
Alternate Technol.	ttled Water Stastical Summary IFE Stastical Summary CFE	STATISTIC  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading: Minimum IFEturbidity reading: 95 <sup>th</sup> percentile IFE value:  Maximum CFE turbidity reading: Minimum CFE turbidity reading: 95 <sup>th</sup> percentile CFE value:	EAL ANALYSIS OF TURBIDITY DATA  1.98 NTU 0.19 NTU 1.59 NTU  0.21 NTU 0.04 NTU 0.13 NTU  0.19 NTU 0.08 NTU 0.17 NTU	Average turbidity value: Standard deviation: Average IFE turbidity value: Standard deviation: Average CFE turbidity value:	0.465 NTU  0.09 NTU  0.031 NTU  0.12 NTU
Alternate Technol.	ittled Water Stastical Summary  IFE Stastical Summary  CFE Stastical Stastical	STATISTIC  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading: Minimum IFEturbidity reading: 95 <sup>th</sup> percentile IFE value:  Maximum CFE turbidity reading: 95 <sup>th</sup> percentile CFE value:  STATIS	AL ANALYSIS OF TURBIDITY DATA  1.98 NTU 0.19 NTU 1.59 NTU 6.21 NTU 0.04 NTU 0.13 NTU 0.19 NTU 0.08 NTU 0.07 NTU 0.17 NTU STICAL ANALYSIS OF pH DATA	Average turbidity value: Standard deviation: Average IFE turbidity value: Standard deviation: Average CFE turbidity value:	0.465 NTU  0.09 NTU  0.031 NTU  0.12 NTU  0.020 NTU  7.29 pH
Alternate Technol.	ttled Water Stastical Summary  IFE Stastical Summary  CFE Stastical	STATISTIC  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading: Minimum IFEturbidity reading: 95 <sup>th</sup> percentile IFE value:  Maximum CFE turbidity reading: Minimum CFE turbidity reading: 95 <sup>th</sup> percentile CFE value:	1.98 NTU 0.19 NTU 1.59 NTU 0.21 NTU 0.04 NTU 0.13 NTU 0.19 NTU 0.17 NTU 0.19 NTU 0.19 NTU 0.17 NTU 0.17 NTU 0.17 NTU 0.14 PH	Average turbidity value: Standard deviation: Average IFE turbidity value: Standard deviation: Average CFE turbidity value: Standard deviation:	0.465 NTU  0.08 NTU  0.031 NTU  0.12 NTU  0.020 NTU

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

PUBLIC WATER	GULF COAST WATER AUTHORITY	TY CITY	PLANT NAME OR NUMBER:	SWTP - THOMAS MA	ACKEY WTP - BRAZOS
SYSTEM NAME:	GOLF COAST WATER AUTHORITE	IX OII I	I certify that I am familiar with the	e information contained in this report and	that,
PWS ID No.:	0840153	On earted Circulture	to the best of my knowledge, the	information a true, complete, and accur	è
Plant ID No.: Report for	14813	Operator's Signature:	Cansun	J. M Jan	-
the Month of:	December 2024	Certificate No. & Grade:	WO0041290, A	Date	January 7, 2025
		TREATME	NT PLANT PERFORMANCE		
Total number of	turbidity readings:		Number of 4-hour periods when p		0
	ngs above 0.10 NTU: ngs above 0.3 NTU:		Number of 4-hour periods when p but turbidity data was not collected		0
	ngs above 0.5 NTU:	0	Number of days when plant was o	on-line	
1	ngs above 1.0 NTU:		but individual filter turbidity data		0 (2)
	able turbidity level:		Number of days with readings abounder of days with readings about		0 (3)
	adings above this limit:		Average log inactivation for Giard		2.44
Number of days for no more than	with a low CT 4.0 consecutive hours:		Average log inactivation for virus		73.22
Number of days			Number of days when profiling da		<u>0</u>
	) consecutive hours:		Number of days when CT data wa		
9	ctant residual required leaving the p		0.5 mg/L, measured as Tota		7,17
	with a low residual 4.0 consecutive hours:		Minimum pH in the last disinfection Number of days with pH below 7.0		0.00
	with a low residual		Number of days when disinfectant		
	consecutive hours:	0 (5)	eaving the plant was not properly	monitored:	0
	SANSTANCE STREET, SANSTAN	DIS:	TRIBUTION SYSTEM		
Minimum disinfect	ant residual required in distribution :	system:	0.5 mg/L, measured as Total	Chlorine	
Total number of re		186 (at least 180 r		and the state of t	0.0 % (6A)
Average disinfecta		2.75 0	Percentage of readings with a low	residual this monul.	0.0) 22(0.4)
	s with a low residual: s with no detectable residual:		Percentage of readings with a low	residual last month:	0.0 % (6B)
	KONTON ATTENDED	ADDITIONAL	REPORTS & WORKSHEETS	s Management	
The Dans d Adds	ndum (Public Notices) is not require		Control of the Contro		
	(s) for individual filter monitoring rec				ssessment O CPE
	(s) for individual filter monitoring sui		@NONE O	Filter Profile (9) OFilter A	ssessment (10) CPE (11)
No additional IF	E Reports are required this month.				
P.2-Turbidity Dat	a	P.3-Filter Data	P,4&5-Disinfection D	ata P.6-TOCMOR	
Alternate Technol.					
		STATISTICAL A	NALYSIS OF TURBIDITY DA	та	
Cattles	l Water Maximum turbi		2.63 NTU	Average turbidity value:	0.98 NTU
Settled	itical Minimum turbio		0.20 NTU	Standard deviation:	0.677 NTU d: 0.000 days
Sum	mary 95 <sup>th</sup> percentile	value:	2.40 NTU	Mandalory data not reporte	
G12794711	1,30,35.53	urbidity reading: rbidity reading:	0.33 NTU 0.04 NTU	Average IFE turbidity value: Standard deviation:	0.10 NTU 0.040 NTU
	itical Minimum IFEtu mary 95 <sup>th</sup> percentile l		0.17 NTU		
CI		turbidity reading:	0.19 NTU	Average CFE turbidity value	
Control of the Contro	The state of the s	urbidity reading:	0.09 NTU 0.17 NTU	Standard deviation:	0.021 NTU
SUM	mary 95" percentile (	The state of the s	AL ANALYSIS OF pH DATA	<b>Eliment</b>	
Lact 7	one pH Maximum pH re		7.42 pH	Average pH value:	7.29 pH
EDVL W.	tical Minimum pH re	ading:	7.17 pH	Standard deviation:	0.052 pH
Sum	mary 95th percentile v	ralue:	7.36 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



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

# \*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

Lab Sample ID#: AG76659 Sample Priority: NORMAL Water Source

Entry Point(s): EP001

TCEQ ID#(s): 2418026

Comments:

Date Reported: 03/26/2024

Report ID#: 20240326090947AG76659

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	ρH			
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 <sup>1</sup>	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	ИÞ
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

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



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

#### \*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

Water Source:

Date Collected: 03/11/2024 07:26

Sample Priority: NORMAL

Entry Point(s): EP001

Date Received: 03/12/2024

TCEQ ID#(s): 2427364

10EQ 1D#(8). 2421304				Sample Con	d.: 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



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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

Lab Sample ID#: AG76925

Sample Priority: NORMAL

Entry Point(s): EP001

TCEQ ID#(s): 2408817

Water Source:

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

Date Analyzed: 04/16/2024

Date Reported: 04/25/2024

Report ID#: 20240425084244AG76925

Conc. Units: ug/L

Method: 508.1 Rev. 2.0

Analyst: TS

Sample Cond.: Acceptable

Regulated Compounds	Result	Qualifier
Chlordane <sup>1</sup>	<0.2	
Endrin 1	<0.01	
Heptachlor epoxide 1	<0.02	
Toxaphene <sup>1</sup>	<1.	
Screened Compounds	Result	Qualifier
Aroclor 1016 <sup>2</sup>	<0.08	
Aroclor 1221 <sup>2</sup>	<20.	
Aroclor 1232 <sup>2</sup>	<0.5	
Araclor 1242 <sup>2</sup>	<0.3	
Aroclor 1248 <sup>2</sup>	<0.1	
Aroclor 1254 <sup>2</sup>	<0.1	
Aroclor 1260 <sup>2</sup>	<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



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

#### 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 Water Source:

Date Received: 03/12/2024

Date Collected: 03/11/2024 07:26

Conc. Units: µg/L Method: EPA 525.2

TCEO ID#/s\ - 2408817

Dieldrin

Diethylphthalate

Entry Point(s): EP001

Date Analyzed: 04/03/2024

Analyst: RR

Sample Cond.: Acceptable Extraction Date: 03/21/2024

TCEQ ID#(s): 2408817		
Regulated Compounds	Result	Qualifier
Alachlor <sup>1</sup>	<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 <sup>1</sup>	<0.6	
Di(2-ethylhexyl) phthalate 1	<0.6	
Heptachlor 1	< 0.04	
Hexachlorobenzene <sup>1</sup>	<0.1	
Hexachlorocyclopentadiene 1	<0.1	*
Lindane <sup>1</sup>	< 0.02	
Methoxychlor <sup>1</sup>	<0.1	
Simazine <sup>1</sup>	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	

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.

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

<0.20 <2.0

<sup>\* -</sup> This analyte has known instability and/or method performance issues and quantitation should be considered approximate.



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Sample Cond.: Acceptable

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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

Water Source :

Date Collected: 03/11/2024 07:26

Sample Priority: NORMAL

Entry Point(s): EP001

Date Received: 03/12/2024

TCEQ ID#(s): 2415373

Comments:

	Result	Unit	Method	Date/Time Analyzed	Analyst
Analyte	Completed		EPA 200.2	03/12/2024	TH
Acidification	Completed		EPA 200.2	03/13/2024	TH
pH Check	Completed		SM 2130B	03/13/2024	TH
Turbidity Screen	Completed		OW ELGOS	03/13/2024	TH
Visible Particles	170	mg/L	SM 2340B	03/19/2024	TH
Total Hardness as CaCO3 by	170	mg/	ON ZO TOP		
Calculation	. 0.0000	mg/L	EPA 200.8	03/15/2024	KL
Aluminum <sup>1</sup>	< 0.0200	_	EPA 200.8	03/15/2024	KI_
Antimony 1	< 0.0010	mg/L	EPA 200.8	03/15/2024	KL
Arsenic <sup>1</sup>	< 0.0020	mg/L	EPA 200.8	03/15/2024	KL
Barium <sup>1</sup>	0.102	mg/L	EPA 200.8	03/15/2024	KL
Beryllium <sup>1</sup>	< 0.00080	mg/L		03/15/2024	KL
Cadmium <sup>1</sup>	< 0.0010	mg/L	EPA 200.8	03/19/2024	TH
Calcium	52.4	mg/L	EPA 200.7	03/15/2024	KL
Chromium <sup>1</sup>	< 0.0100	mg/L	EPA 200.8	03/15/2024	KL
Copper 1	0.0080	mg/L	EPA 200.8		TH
Iron 1	< 0.010	mg/L	EPA 200.7	03/19/2024	KL
Lead <sup>1</sup>	< 0.0010	mg/L	EPA 200.8	03/15/2024	TH
Magnesium <sup>1</sup>	9.50	mg/L	EPA 200.7	03/19/2024	KL
Manganese <sup>1</sup>	< 0.0010	mg/L	EPA 200.8	03/15/2024	BF
Mercury 1	< 0.00040	mg/L	EPA 245.1	03/25/2024	
Nickel <sup>1</sup>	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
	< 0.00040	mg/L	EPA 200.8	03/15/2024	KL
Thallium <sup>1</sup>	0.121	mg/L	EPA 200.8	03/15/2024	KL

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



### PUBLIC HEALTH LABORATORY DIVISION

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

## Volatile Organic Compounds by GC/MS **Analysis Report**

**Texas Department of State Health Services** 

Submitter ID # (PWS ID #): 0840153

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

Lab Sample ID#: AG92919

Sample Priority: NORMAL

Water Source:

Entry Point(s): EP001

Date Collected: 07/24/2024 09:57

Date Reported: 08/22/2024

Report ID#: 20240822100254AG92919

Date Received: 07/25/2024 Date Analyzed: 07/30/2024

Conc. Units: µg/L

Method: EPA 524.2

Analyst: JL

TCEO Sample ID: 2406893

Chloromethane

Bromomethane

Chloroethane

2-Chlorotoluene

4-Chlorotoluene

Bromobenzene

1,2,3-Trichloropropane

2,2-Dichloropropane

cis-1,3-Dichloropropene

trans-1,3-Dichloropropene

1,1,1,2-Tetrachloroethane

Regulated Cmpds.         Result         Qualifier         Monitored Cmpds         Result         Qualifier           Benzene '         <0.5	TCEQ Sample ID: 2406893			Date Arialyzed : 07/36/2024	Sample Cond. :	Acceptable
Senzene	Regulated Cmpds.	Result	Qualifier	Monitored Cmpds	Result	Qualifier
Carbon tetrachloride 1		<0.5		1.2.4-Trimethylbenzene		
Nanochlorobenzene				• •		
O-Dichlorobenzene '						
Naphthalene					<1.0	
1,2-Dichloroethane					<1.0	
1,2-Dichloroethylene	para-Dichloropenzene			•	<1.0	
Comments					<1.0	
Solution					<1.0	
1,2-Dichloropropane				* * *	<1.0	
September   Color   Sept					<1.0	
Styrene   1	1,2-Dichloropropane			•	<1.0	
Styrene   1					<2.0	
Stylene   1					<2.0	
Other Compounds   Result   Qualifier					<1.0	
1,2,4-Trichlorobenzene 1 1,2,4-Trichloroethane 1 1,1,1-Trichloroethane 1 1,1,2-Trichloroethane 1 1,1,2-Trichloroethane 1 1,1,2-Trichloroethane 1 1,2,2-Trichloroethane 1 1,2,2-Trichloroethane 1 1,1,2-Trichloroethane 1 1,2,2-Trichloroethane 1 1,3-Dichloroethane 1 1,4-Dichloroethane 1 1,5-Dichloroethane 1 1,6-Dichloroethane 1 1,7-Dichloroethane 1 1,7-Dichloroethane 1 1,8-Dichloroethane 1 1,					Result	Qualifier
Acetone 1,1,1-Trichloroethane ¹ 1,1,2-Trichloroethane ¹ 1,1,1,2-Trichloroethane ¹ 1,1,1,2,1,1,2-Trichloroethane ¹ 1,1,2,2-Tetrachloroethane ¹ 1,1,2,2-Tetrachloroethane ¹ 1,2,2-Tetrachloroethane ¹ 1,3-Dichloropropane ² 1,1,1,2,1,2-Tetrachloroethane ² 1,2,2-Tetrachloroethane ² 1,3-Dichloropropane ² 1,1,1,2,1,2-Tetrachloroethane ² 1,2,2-Tetrachloroethane ² 1,3-Dichloropropane ² 1,1,1,2,2-Tetrachloroethane ² 1,2,2-Tetrachloroethane ² 1,3-Dichloropropane ² 1,1,1,1,2-Trichloroethane ² 1,1,1,2,1,2-Tetrachloroethane ² 1,2,2-Tetrachloroethane ² 1,3-Dichloropropane ² 1,1,1,2,2-Tetrachloroethane ² 1,2,2-Tetrachloroethane ² 1,3-Dichloropropane ² 1,1,2,2-Tetrachloroethane ² 1,2,2-Tetrachloroethane ² 1,3-Dichloropropane ² 1,1,2,2-Tetrachloroethane ² 1,2,2-Tetrachloroethane ² 1,3-Dichloropropane ² 1,1,2,2-Tetrachloroethane ² 1,2,3-Dichloroethane ² 1,3-Dichloroethane ² 1,3-Dichloroethane ² 1,3-Dichloroethane ² 1,4-Di				Office Compounds		
Acrylonitrile  1,1,2-Trichloroethane 1,1,2-Trichloroethylene 1	1,2,4-Trichlorobenzene			Acetone		
Trichloroethylene 1	1,1,1-Trichloroethane			Acrylonitrile		
Vinyl chloride 1  Xylenes (total) 1  Nonitored Cmpds.  Result Qualifier  Chloroform  Bromodichloromethane  Dibromochloromethane  Bromoform  Dibromomethane  Dibromomethane  Dibromomethane  Promoform  Dibromomethane  Stanta Qualifier  Methyl methacrylate  4-Methyl-2-pentanone (MłBK)  4-Methyl-2-pentanone (MłBK)  5.0  Methyl-t-butyl ether (MTBE)  Tetrahydrofuran  Comments:  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				2-Butanone (MEK)		
Xylenes (total) 1  Nonitored Cmpds.  Result Qualifier  Monitored Cmpds.  Chloroform  Bromodichloromethane  Dibromochloromethane  Dibromochloromethane  Dibromomethane  Dibromomethane  Stanta Qualifier  Methyl methacrylate  Stanta Qualifier  Indomethane  Stanta Qualifier  Methyl methacrylate  Stanta Qualifier  Indomethane  Stanta Qualifier  Methyl methacrylate  Stanta Qualifier  Indomethane  In				Carbon disulfide		
Xylenes (total) 1 Result Qualifier   Chloroform   Chlorof				Ethyl methacrylate		
Chloroform  5.2 Methyl methacrylate  4.Methyl-2-pentanone (M/BK)  5.2 Methyl-2-pentanone (M/BK)  5.3 Methyl-4-butyl ether (MTBE)  5.4 Methyl-2-pentanone (M/BK)  5.5 Methyl-4-butyl ether (MTBE)  5.6 Methyl-4-butyl ether (MTBE)  5.7 Tetrahydrofuran  5.8 Methyl-4-butyl ether (MTBE)  5.9 Tetrahydrofuran  5.0 Tetrahydrofuran  6.0 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.  6.0 The test results for analytes noted(1) meet all TNI (2016 Standard) requirements.  6.10 The test results for analytes noted(1) meet all TNI (2016 Standard) requirements.  6.20 Authorized by Team Lead CJONES on 08/20/2024	•		0 115			
Chloroform Bromodichloromethane 9.7 4-Methyl-2-pentanone (MłBK) <0.5 Dibromochloromethane 9.6 Methyl-t-butyl ether (MTBE) <0.5 Bromoform 2.2 Tetrahydrofuran  Comments:  Comments:  The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) 1,1,2,2-Tetrachloroethane 1,3-Dichloropropane  1,3-Dichloropropane  1,2 1,3-Dichloropropane  1,3-Dichloropropane  1,3-Dichloropropane  1,4-Methyl-2-pentanone (MłBK)	Monitored Cmpds.	Result	Qualifier	Iodomethane		
Bromodichloromethane 9.7 4-Methyl-2-pentanone (MłBK) <2.0 Dibromochloromethane 9.6 Methyl-t-butyl ether (MTBE) <0.5 Bromoform 2.2 Tetrahydrofuran <5.0 Dibromomethane 1,3-Dichlorobenzene 1,1-Dichloropropene 1,1-Dichloropropene 1,1-Dichloroethane 1,1-Z-Tetrachloroethane 1,1-Z-Tetrachloroethane 1,3-Dichloropropane <1.0 The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet ali TNI (2016 Standard) requirements. 1,3-Dichloropropane  4-Methyl-2-pentanone (MłBK)  <0.5  Tetrahydrofuran  <0.5  The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet ali TNI (2016 Standard) requirements.  Authorized by Team Lead CJONES on 08/20/2024	Chloroform	5.2		Methyl methacrylate		
Dibromochloromethane  9.6 Methyl-t-butyl ether (MTBE)  7.0 Tetrahydrofuran  Comments:  7.3-Dichlorobenzene  7.1-Dichloropropene  7.1-Dichloroethane  7.1-Dichloroethane  7.2-Tetrachloroethane  7.3-Dichloropropane  7.3-Dichloropropane  9.6 Methyl-t-butyl ether (MTBE)  7.5-Dichlorofuran  7.5-Dichloropropane  9.6 Methyl-t-butyl ether (MTBE)  7.5-Dichlorofuran  7.5-Dichlorofuran  7.5-Dichloropropane  9.6 Methyl-t-butyl ether (MTBE)  7.5-Dichlorofuran  7.5-Dichlorofuran  9.6 Methyl-t-butyl ether (MTBE)  7.5-Dichlorofuran  7.5-Dichlorofuran  9.6 Methyl-t-butyl ether (MTBE)  9.6 Methyl-t-butyl		9.7				
Bromoform 2,2 Tetrahydrofuran <5.0  Bromoform 0,10 Comments:  1,3-Dichlorobenzene 1,1-Dichloropropene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloropropene 1,1-Dichloropropene 1,1-Dichloroethane 1,1-Dichloropropene 1,1-Dichlor		9.6				
Dibromomethane <1.0 Comments:  1,3-Dichlorobenzene <1.0  1,1-Dichloropropene <1.0  1,1-Dichloroethane <1.0  1,1-Dichloroethane <1.0  1,1-Dichloroethane <1.0  1,1-Dichloroethane <1.0  1,1-Dichloropropene <1.0  1,1-Dichloropropene <1.0  1,1-Dichloropropene <1.0  1,1-Dichloropropene <1.0  1,2-Tetrachloroethane <1.0  1,3-Dichloropropane <1.0  Authorized by Team Lead CJONES on 08/20/2024		2.2			<5.0	
1,3-Dichlorobenzene <1.0  1,1-Dichloropropene <1.0  1,1-Dichloroethane <1.0  1,1-Dichloroethane <1.0  1,1-Dichloroethane <1.0  1,1-Dichloroethane <1.0  1,1-Dichloroethane <1.0  1,1-Dichloroethane <1.0  1,2-Tetrachloroethane <1.0  1,3-Dichloropropane <1.0  Authorized by Team Lead CJONES on 08/20/2024				-		
1,1-Dichloropropene 1,1-Dichloropropene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Tetrachloroethane 1,3-Dichloropropane 1,0 1,1-Dichloropropene 1,0 1,1-Dichloropropene 1,0 1,0 1,1-Dichloropropene 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0		<1.0		•		
1,1-Dichloroethane	•				and the sample	
1,1-Dictiloroethane (1.0) identified on this report. The test results for alraytes noted (1.1,2,2-Tetrachloroethane (1.0) meet all TNI (2016 Standard) requirements.  1,3-Dichloropropane (2.0) Authorized by Team Lead CJONES on 08/20/2024				the test results on this report relate	only to the sample	tod(1)
1,3-Dichloropropane can be described as a second of the se						ieu(')
Authorized by Team Lead CJONES on 08/20/2024						
L'hleversetnene "-v	1,3-Dichloropropane	<2.0		Authorized by Team Lead C.	JONES on 08/20/2024	}

<2.0

<1.0

<1.0

< 2.0

<1.0

<1.0

<1.0

<1.0

<1.0

<1.0



#### 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

**Texas Department of State Health Services** 

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

Water Source:

Date Collected: 07/24/2024 09:41

Conc. Units: µg/L

Sample Priority: NORMAL

Date Received: 07/25/2024

Method: 552.2 Rev 1.0

Entry Point(s): DBP2-01

Date Analyzed: 08/02/2024

Analyst: TS

TCEQ Sample ID: 2450375

Extraction Date: 07/31/2024

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



#### 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

Texas Department of State **Health Services** 

Submitter ID # (PWS ID #): 0840153

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

Lab Sample ID#: AG92856

Sample Priority: NORMAL

Water Source :

TCEQ Sample ID: 2450375

Entry Point(s): DBP2-01

Date Collected: 07/24/2024 09:41

Date Received: 07/25/2024

Date Analyzed: 07/31/2024

Date Reported: 08/15/2024

Report ID#: 20240815093024AG92856

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