

## **Consumer Confidence Report 2023**





## CCR Summary Data 2023

	2023 Turbidity Summary				
Month	Highest NTU	Average NTU	% Samples < 0.3 NTU		
January	.15	.11	100.0%		
February	.19	.11	100.0%		
March	.23	.13	100.0%		
April	.25	.14	100.0%		
May	.22	.15	100.0%		
June	.34	.14	100.0%		
July	.17	.14	100.0%		
August	.23	.17	100.0%		
September	.17	.09	100.0%		
October	.15	.10	100.0%		
November	.18	.11	100.0%		
December	.14	.09	100.0%		
Average	.14	.09			
Maximum	.34	.17	B: 0.00		
Minimum	.20	.12			

	2023 TOC Removal at WTP POE							
Month	Raw mg/L	Alk mg/L	POE mg/L	Removal	TCEQ %	Ratio		
January	5.66	130	3.68	34.9	25	1.39		
February	5.47	121	3.37	38.3	30	1.30		
March	5.16	129	3.60	30.1	25	1.20		
April	5.18	134	3.66	29.5	25	1.18		
May	5.59	125	3.81	31.8	25	1.27		
June	5.95	126	4.20	29.3	25	1.17		
July	5.45	150	4.02	26.2	25	1.05		
August	5.37	187	3.97	26.0	25	1.04		
September	5.97	184	4.30	27.7	25	1.11		
October	5.34	167	4.00	25.1	25	1.00		
November	5.12	161	3.77	26.4	25	1.06		
December	4.95	154	3.47	29.8	25	1.19		
Average	5.43	147.33	3.82	29.59	25.42	1.16		
Maximum	5.97	187.00	4.30	38.30	30	1.39		
Minimum	4.95	121.00	3.37	25.10	25	1.00		



## **CCR Summary Data 2023**

2023 Chlorite Data							
	PO	E Chlorite Sample	es				
Month	Maximum mg/L	Minimum mg/L	Average mg/L				
January	0.44	0.11	0.30				
February	0.44	0.18	0.36				
March	0.27	0.12	0.20				
April	0.18	0.05	0.12				
May	0.21	0.10	0.14				
June	0.14	0.02	0.08				
July	0.17	0.04	0.08				
August	0.31	0.06	0.13				
September	0.33	0.02	0.19				
October	0.33	0.06	0.20				
November	0.60	0.26	0.38				
December	0.41	0.22	0.34				
Average	0.32	0.10	0.21				
Maximum	0.60	0.26	0.38				
Minimum	0.14	0.02	0.08				

	2023 Chlorine Dioxi	de Data		
	POE Chlorine Dioxide			
Month	Maximum ppb	Minimum ppb		
January	. 15	5		
February	0	0		
March	0	0		
April	0	0		
May	0	0		
June	0	0		
July	0	0		
August	0	0		
September	4	0		
October	7	0		
November	19	0		
December	40	0		
Average	7	0		
Maximum	40	5		
Minimum	0	0		

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

PUBLIC WATER		TER AUTHORITY TO	Y CITY	PLANT NAME OR NUMBER:	SWTP - THOMAS MACKE	EY WTP - BRAZOS
SYSTEM NAME:	GOLF COAST WA	TEN AOTHORITI	X OII I	I certify that I am familiar with the information	n contained in this report and that,	
PWS ID No .:	0840153			to the best of my knowledge, the information	n is true, complete, and accurate.	
Plant ID No.:	14813	12	Operator's Signature:	My		
Report for the Month of:	January 2023	T. T.	Certificate No. & Grade	e: (WO0043519, A	Date:	February 7, 2023
			TREATM	ENT PLANT PERFORMANCE		THE REPORT OF THE PARTY OF THE
Total number	of turbidity readings	•	186	Number of 4-hour periods when plant was	off-line:	0
	dings above 0.10 NT	250	128	Number of 4-hour periods when plant was	off-line:	0
	dings above 0.3 NTL dings above 0.5 NTL		0	but turbidity data was not collected: Number of days when plant was on-line		
	dings above 1.0 NTL		0	but individual filter turbidity data was not	collected:	0
Maximum allo	wable turbidity level	:	0.3	Number of days with readings above 1.0 N		0 (2)
Percentage of	readings above this	limit:	0.0 % (1)	Number of days with readings above 5.0 N	ITU:	0 (3)
	s with a low CT an 4.0 consecutive h	oure:	0	Average log inactivation for Giardia: Average log inactivation for viruses:		76.78
5774) S GW1	s with a low CT	-		Number of days when profiling data was r	not collected:	0
	4.0 consecutive hou	rs: [	0 (4)	Number of days when CT data was not co		0
Minimum disir	nfectant residual req	uired leaving the pl	ant:	mg/L, measured as Total Chlorin	e	
	s with a low residua			Minimum pH in the last disinfection zone:		7.14
for no more th	an 4.0 consecutive h	nours:	0	Number of days with pH below 7.0 in the l		0.00
	s with a low residua 4.0 consecutive hou		0 (5)	Number of days when disinfectant residual leaving the plant was not properly monitor		0
Tot more than	THE CONSCIONATION OF					
	and the second		DIS	STRIBUTION SYSTEM	And the second	
	ectant residual requi			mg/L, measured as Total Chlorin	e	
	readings this month ctant residual value:	-	186 (at least 186 3.08	0 required) (8) Percentage of readings with a low residua	I this month:	0.0 % (6A)
	ngs with a low resid	lual:	0			31
Number of readi	ngs with a low resid ngs with no detectal	AND THE PARTY OF T	0 0	Percentage of readings with a low residua	l last month:	0.0 % (6B)
Number of readi	CONTRACTOR OF THE PARTY OF THE	AND THE PARTY OF T	0	Percentage of readings with a low residua	I last month:	0.0 % (6B)
Number of readi Number of readi	ngs with no detectal	ble residual:	0 ADDITIONA			0.0 % (6B)
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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

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

SYSTEM NAME	R CHIECOAST WAT	ED VILLHUBITA LA CITA	PLAN OR NI	JMBER: SWTP -	THOMAS MACK	(EY WTP - BRAZOS
	E: GULF COAST WAT	ER AUTHORITY TX CITY	I certify that I am facilit	iar with the information contained in	this report and that	at,
PWS ID No.:	0840153		to the best of my know	rledge, the information is true, comp	lete, and accurate	•
Plant ID No.:	14813	Operator's Si	gnature: / ///	7		
Report for the Month of:	.February 2023	Certificate No	o. & Grade: WO0043519, A		Date:	March 3, 2023
the Month of.	. Pedidary 2023			TANA EVER		
THE REAL PROPERTY.	PARTIE TO THE PARTIE OF THE PA		REATMENT PLANT PERFOR	and the same of th	CHARLES AND AND ADDRESS OF	0
- Contract Text - Character	r of turbidity readings:		man was assess A non-	Is when plant was off-line:		
	eadings above 0.10 NTU eadings above 0.3 NTU:	J.	but turbidity data was no	Is when plant was off-line: ot collected:		0
Number of re	eadings above 0.5 NTU:	0	Number of days when pl			0
DESCRIPTION OF THE	eadings above 1.0 NTU:	0.3		dity data was not collected:		0 (2)
The same of the sa	owable turbidity level: of readings above this I		Number of days with rea 1) Number of days with rea			0 (3)
	ays with a low CT		Average log inactivation			2.40
The second secon	than 4.0 consecutive he	ours: 0	Average log inactivation			72.52
	ays with a low CT			ofiling data was not collected	l:	0
	n 4.0 consecutive hours		Number of days when C	w		
Minimum dis	infectant residual requ	ired leaving the plant:		d as Total Chlorine		2020
	ays with a low residual than 4.0 consecutive ho		Minimum pH in the last of			7.07
1000 - 100 - 100 70				below 7.0 in the last disinfect	ion zone:	0.00
	ays with a low residual n 4.0 consecutive hour:		Number of days when di leaving the plant was no			0
			DISTRIBUTION SYSTEM	Les fortion		
				The second secon		
1	fectant residual require of readings this month:	ed in distribution system: 196 (a	0.5 mg/L, measure t least 180 required) (8)	d as Total Chlorine		
The second secon	ectant residual value:	3.11		vith a low residual this month	:	0.0 % (6A)
Number of read	dings with a low residu					
Number of read	dings with no detectab	le residual: 0	Percentage of readings v	vith a low residual last month	:	0.0 % (6B)
			Account to the second s		and the second second	
X Table ( )			DITIONAL REPORTS & WORK			
The Page 1 A	ddendum (Public Notic	ADI	NAME OF TAXABLE PARTY OF TAXABLE PARTY.	SHEETS	s reported.	
A		ADI	DITIONAL REPORTS & WORK re were no treatment technique or r	SHEETS	s reported.	essment O CPE
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Additional re Additional re No addition  P.2-Turbidity  P.2-Turbidity  Set	port(s) for individual fi port(s) for individual fi aal IFE Reports are requ Data  titled Water Stastical summary  IFE	ADI  ces) is not required because the liter monitoring required: liter monitoring submitted: uired this month.  P.3-Filte  STATI:  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity readin	To a position of the state of t	SHEETS  nonitoring/reporting violation Filter Filter Profile  nfection Data P.6-TOC!  DITY DATA  Average turbi Standard devi	OFilter Ass OFilter Ass MOR dity value: ation:	1.04 NTU 0.693 NTU 0.13 NTU
Additional re Additional re No addition  P.2-Turbidity  P.2-Turbidity  Set	port(s) for individual file port(s) are required.  Data  Littled Water Stastical Summary  IFE Stastical Summary  CFE	ADI  ces) is not required because the liter monitoring required: liter monitoring submitted: uired this month.  P.3-Filte  STATI:  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading 95 <sup>th</sup> percentile IFE value:  Maximum CFE turbidity reading	T Data P.4&5-Dising STICAL ANALYSIS OF TURBING S	INTERIOR OF THE PROPERTY OF TH	OFilter Ass OFilter Ass MOR dity value: ation: urbldity value: ation: turbidity value:	1.04 NTU 0.693 NTU  0.13 NTU 0.073 NTU  0.11 NTU
Additional re Additional re Additional re No addition  P.2-Turbidity  P.2-Turbidity  Set	port(s) for individual fi port(s) for individual fi port(s) for individual fi port(s) for individual fi port(s) for individual fi patalogue Data  Littled Water Stastical Summary  Life Stastical Summary  CFE Stastical	ADI  ces) is not required because the liter monitoring required: liter monitoring submitted: uired this month.  P.3-Filte  STATI:  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading 95 <sup>th</sup> percentile IFE value:  Maximum CFE turbidity reading Minimum CFE turbidity reading	## STICAL ANALYSIS OF TURBI    STICAL ANALYSIS OF TURBI   3.87   NTU     0.18   NTU     2.01   NTU     9:   0.39   NTU     10:   0.04   NTU     10:   0.19   NTU     10:   0.19   NTU     10:   0.08	Average IFE t Standard devi	OFilter Ass OFilter Ass MOR dity value: ation: urbldity value: ation: turbidity value:	1.04 NTU 0.693 NTU  0.13 NTU 0.073 NTU
Additional re Additional re Additional re No addition  P.2-Turbidity  P.2-Turbidity  Set	port(s) for individual file port(s) are required.  Data  Littled Water Stastical Summary  IFE Stastical Summary  CFE	ADI  ces) is not required because the liter monitoring required: liter monitoring submitted: uired this month.  P.3-Filte  STATI:  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading 95 <sup>th</sup> percentile IFE value:  Maximum CFE turbidity reading 95 <sup>th</sup> percentile IFE value:	## STICAL ANALYSIS OF TURBI    STICAL ANALYSIS OF TURBI   3.67	INTERIOR DITY DATA  Average turbing Standard deviolation Average CFE Standard devio	OFilter Ass OFilter Ass MOR dity value: ation: urbldity value: ation: turbidity value:	1.04 NTU 0.693 NTU  0.13 NTU 0.073 NTU  0.11 NTU
Additional re Additional re No addition  P.2-Turbidity  P.2-Turbidity  Set	port(s) for individual fi port(s) for individual fi port(s) for individual fi pal IFE Reports are requ Data  Littled Water Stastical Summary  IFE Stastical Summary  CFE Stastical	ADI  ces) is not required because the liter monitoring required: liter monitoring submitted: uired this month.  P.3-Filte  STATI:  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading 95 <sup>th</sup> percentile IFE value:  Maximum CFE turbidity reading 95 <sup>th</sup> percentile IFE value:	## STICAL ANALYSIS OF TURBI    STICAL ANALYSIS OF TURBI   3.87   NTU     0.18   NTU     2.01   NTU     9:   0.39   NTU     10:   0.04   NTU     10:   0.19   NTU     10:   0.19   NTU     10:   0.08	INTERIOR DITY DATA  Average turbing Standard deviolation Average CFE Standard devio	OFilter Ass OFilter Ass MOR dity value: ation: urbldity value: ation: turbidity value: ation:	1.04 NTU 0.693 NTU  0.13 NTU 0.073 NTU  0.11 NTU

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

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

	VATER NAME: GULF CO	AST WATER AUTHORITY	TX CITY	PLANT NAME OR NUMBER:	SWTP - THOMAS MACKE	Y WTP - BRAZOS	
	TAME. GOLF CO	AST WATER ASTRONO	17 0111	I certify that I are familiar with the information			
PWS ID N	0.: 0840153	3		to the best of my knowledge, the information	on is true, complete, and accurate.		
Plant ID N	14013		Operator's Signature:	Myley			
Report for the Month		23	Certificate No. & Grad	de: WO0043519, A	Date:	April 5, 2023	
7 ( ) ( ) ( ) ( )		MEN STATE OF STATE	TREATM	IENT PLANT PERFORMANCE	<b>下一种产业</b>		
Total nu	mber of turbidity	readings:	186	Number of 4-hour periods when plant wa	s off-line:	0	
	of readings above		169	Number of 4-hour periods when plant wa	s off-line:	0	
	of readings above		0	but turbidity data was not collected: Number of days when plant was on-line			
1000 00	of readings above		0	but individual filter turbidity data was not		0	
3.117.45.17.70.11.15.	m allowable turbic age of readings ab	ACC# 12360400402	0.3	Number of days with readings above 1.0 I Number of days with readings above 5.0 I		0 (2)	
			0.0] 76 (1)		110.		
4.0	of days with a low ore than 4.0 cons		0	Average log inactivation for Giardia: Average log inactivation for viruses:		2.98 92.85	
1000 BOUNSEL	of days with a low			Number of days when profiling data was		0	
for more	than 4.0 consecu	tive hours:	0 (4)	Number of days when CT data was not co	llected:	0	
Minimun	n disinfectant resi	dual required leaving the p	plant:	0.5 mg/L, measured as Total Chlorin	ne		
	of days with a low ore than 4.0 conse			Minimum pH in the last disinfection zone:		7.16	
	of days with a low		0	Number of days with pH below 7.0 in the I		0.00	
	than 4.0 consecu		0 (5)	Number of days when disinfectant residual leaving the plant was not properly monito		0	
			DI	STRIBUTION SYSTEM	Mark Street Street		
Minimum	disinfectant residu	ual required in distribution		0.5 mg/L, measured as Total Chlorin			
A STATE OF THE PARTY OF THE PAR	ber of readings th	Secure of the Contract of the		30 required) (8)			
	isinfectant residua		3.10	Percentage of readings with a low residua	this month:	0.0 % (6A)	
The second second	and the state of t		0	Number of readings with a low residual:  Number of readings with no detectable residual:  0 Percentage of readings with a low residual last month:  0.0 % (6B)			
				Percentage of readings with a low residua			
(明] (明] (1	MEGATICAL TOTAL	December residual.		Percentage of readings with a low residua			
The Box	o 1 Addendum (Ru		ADDITIONA	AL REPORTS & WORKSHEETS			
201 (1000)	n managa line s	iblic Notices) is not require	ADDITIONA ed because there were r	AL REPORTS & WORKSHEETS	ing violations reported.		
Addition	al report(s) for inc		ADDITIONA ed because there were r quired:	AL REPORTS & WORKSHEETS no treatment technique or monitoring/report	ing violations reported.	esment O CPE	
Addition Addition	al report(s) for inc al report(s) for inc	iblic Notices) is not require	ADDITIONA ed because there were r quired:	AL REPORTS & WORKSHEETS	ing violations reported.	ssment O CPE	
Addition Addition No add	al report(s) for inc al report(s) for inc litional IFE Report	iblic Notices) is not require lividual filter monitoring re lividual filter monitoring su	ADDITIONA ed because there were r quired: ubmitted:	AL REPORTS & WORKSHEETS  no treatment technique or monitoring/report    NONE   Filter Proportion	ing violations reported.  OFilter Asses	esment O CPE	
Addition Addition No add	al report(s) for inc al report(s) for inc	iblic Notices) is not require lividual filter monitoring re lividual filter monitoring su	ADDITIONA ed because there were r quired:	AL REPORTS & WORKSHEETS no treatment technique or monitoring/report	ing violations reported.	esment O CPE	
Addition Addition No add	al report(s) for inc al report(s) for inc litional IFE Report	iblic Notices) is not require lividual filter monitoring re lividual filter monitoring su	ADDITIONA ed because there were r quired: ubmitted:	AL REPORTS & WORKSHEETS  no treatment technique or monitoring/report    NONE   Filter Proportion	ing violations reported.  OFilter Asses	esment O CPE	
Addition Addition No add	al report(s) for inc al report(s) for inc litional IFE Report	iblic Notices) is not require lividual filter monitoring re lividual filter monitoring su	ADDITIONA and because there were required: ubmitted: P.3-Filter Data	AL REPORTS & WORKSHEETS  no treatment technique or monitoring/report	ing violations reported.  OFilter Asses	esment O CPE	
Addition Addition No add	al report(s) for inc al report(s) for inc ditional IFE Report idity Data	ublic Notices) is not require dividual filter monitoring re dividual filter monitoring su s are required this month.	ADDITIONA and because there were required: ubmitted: P.3-Filter Data	AL REPORTS & WORKSHEETS  no treatment technique or monitoring/report  NONE Filter  NONE Filter Pn  P.485-Disinfection Data	ing violations reported.  OFilter Asses  OFILE  P.8-TOCMOR	isment O CPE Sment (10) CPE (11)	
Addition Addition No add	al report(s) for inc al report(s) for inc ditional IFE Report idity Data	iblic Notices) is not require lividual filter monitoring re lividual filter monitoring su is are required this month.	ADDITIONA ed because there were r quired: ubmitted:  P.3-Filter Data  STATISTICAL dity reading:	AL REPORTS & WORKSHEETS  no treatment technique or monitoring/report	ing violations reported.  OFilter Asses  OFILTER ASSES  P.6-TOCMOR	CPE   Sment (10)   CPE (11)   CPE (11)	
Addition Addition No add	al report(s) for inc al report(s) for inc ditional IFE Report idity Data	ublic Notices) is not require dividual filter monitoring re dividual filter monitoring su s are required this month.	ADDITIONA ed because there were required: ubmitted:  P.3-Filter Data  STATISTICAL dity reading: dity reading:	AL REPORTS & WORKSHEETS  no treatment technique or monitoring/report	ing violations reported.  OFilter Asses  OFILE  P.8-TOCMOR	isment O CPE Sment (10) O CPE (11)	
Addition Addition No add	al report(s) for incident all report(s) for inciditional IFE Report idity Data  Settled Water Stastical Summary  IFE	iblic Notices) is not require dividual filter monitoring re dividual filter monitoring so s are required this month.  Maximum turbic 95 <sup>th</sup> percentile v  Maximum IFE to	ADDITIONA and because there were required: ubmitted:  P.3-Filter Data  STATISTICAL dity reading: lity reading: value: urbidity reading:	AL REPORTS & WORKSHEETS  no treatment technique or monitoring/report  NONE Filter  NONE Filter Pro  P.485-Disinfection Data  ANALYSIS OF TURBIDITY DATA  3.77 0.18 NTU SI 2.51 NTU SI 0.39 NTU A	ing violations reported.  OFilter Asses  offile OFilter Asses  P.6-TOCMOR  verage turbidity value: andard deviation:  verage IFE turbidity value:	1.17 NTU 0.784 NTU 0.14 NTU	
Addition Addition No add	al report(s) for inc al report(s) for inc ditional IFE Report idity Data Settled Water Stastical Summary	blic Notices) is not require dividual filter monitoring re dividual filter monitoring su s are required this month.  Maximum turble Minimum turble 95 <sup>th</sup> percentile v Maximum IFE to	ADDITIONA and because there were required: submitted:  P.3-Filter Data  STATISTICAL dity reading: dity reading: value: urbidity reading: rbidity reading: rbidity reading:	AL REPORTS & WORKSHEETS  no treatment technique or monitoring/report  NONE Filter  NONE Filter Pro  P.485-Disinfection Data  ANALYSIS OF TURBIDITY DATA  3.77 0.18 NTU 2.51 NTU 3.39 NTU A	ing violations reported.  OFilter Asses  OFILTER ASSES  P.6-TOCMOR  verage turbidity value: andard deviation:		
Addition Addition No add	al report(s) for incident all report(s) for incident all report (s) for incident all r	Maximum turble Minimum IFE to Minimum IFEtu 95 <sup>th</sup> percentile 1	ADDITIONA and because there were required: abmitted:  P.3-Filter Data  STATISTICAL dity reading: dity reading: value: urbidity reading: rbidity reading: FE value:	AL REPORTS & WORKSHEETS  no treatment technique or monitoring/report  NONE Filter  NONE Filter Pn  P.4&5-Disinfection Data  ANALYSIS OF TURBIDITY DATA  3.77 0.18 NTU 2.51 NTU 0.39 NTU 0.39 NTU 0.39 NTU 0.31 NTU 0.32 NTU 0.32 NTU 0.33 NTU	offile OFilter Asses  P.6-TOCMOR  Perage turbidity value: andard deviation:  verage IFE turbidity value: andard deviation:	1.17 NTU 0.784 NTU 0.075 NTU	
Addition Addition No add	al report(s) for incident report(s) for incident report(s) for incident report	Maximum turble Maximum IFE to Maximum CFE Minimum CFE to Mividual filter monitoring substance of the month.	ADDITIONA and because there were required: abmitted:  P.3-Filter Data  STATISTICAL dity reading: dity reading: value: urbidity reading: rbidity reading: fe value: turbidity reading: rurbidity reading: rurbidity reading:	AL REPORTS & WORKSHEETS  no treatment technique or monitoring/report  NONE  NONE  Filter  NONE  Filter Pro  P.485-Disinfection Data  ANALYSIS OF TURBIDITY DATA  3.77  O.18  NTU  0.18  NTU  0.39  NTU  0.30  NTU  0.32  NTU  0.23  NTU  0.23  NTU  0.23  NTU  0.39  0.39  NTU  0.3	ing violations reported.  OFilter Asses  offile OFilter Asses  P.6-TOCMOR  verage turbidity value: andard deviation:  verage IFE turbidity value:	1.17 NTU 0.784 NTU 0.14 NTU	
Addition Addition No add	al report(s) for incident all report(s) for incident all report (s) for incident all r	Maximum turbin Maximum IFE tu Minimum IFEtu 95th percentile I	ADDITIONA  and because there were required:  abmitted:  P.3-Filter Data  STATISTICAL  dity reading: dity reading: value: urbidity reading: rbidity reading: rturbidity reading: turbidity reading: curbidity reading:	AL REPORTS & WORKSHEETS  no treatment technique or monitoring/report  NONE  Filter  NONE  Filter  NONE  Filter Pri  P.485-Disinfection Data  ANALYSIS OF TURBIDITY DATA  3.77  0.18  NTU  0.18  NTU  0.39  NTU  0.39  NTU  0.32  NTU  0.32  NTU  0.31  NTU  0.32  NTU  0.33  NTU  0.34  NTU  0.35  NTU  0.36  NTU  0.37  NTU  0.38  NTU  0.39  NTU  0.39  NTU  0.31  NTU  0.32  NTU  0.33  NTU  0.34  0.35  NTU  0.35  NTU  0.36  NTU  0.37  NTU  0.38  NTU  0.39  NTU  0.39  NTU  0.30  NTU  0.31  NTU  0.32  NTU  0.33  NTU  0.34  NTU  0.35  NTU  0.36  NTU  0.37  NTU  0.38  NTU  0.39  NTU  0.39  NTU  0.30  NTU  0.31  NTU  0.31  NTU  0.32  NTU  0.33  NTU  0.34  NTU  0.35  NTU  0.36  NTU  0.37  NTU  0.38  NTU  0.38  NTU  0.48  0.58  NTU  0.58  NTU  0.78  NTU	ofile OFilter Asses  OFilter Asses  OFilter Asses  P.6-TOCMOR  Verage turbidity value:  andard deviation:  verage IFE turbidity value:  andard deviation:  verage CFE turbidity value:	1.17 NTU 0.784 NTU 0.075 NTU 0.13 NTU	
Addition Addition No add	al report(s) for incident all report(s) for inci	Maximum turble Maximum IFE to Minimum CFE to Minimum CFE to 95 <sup>th</sup> percentile 0	ADDITIONA  and because there were required:  abmitted:  P.3-Filter Data  STATISTICAL  dity reading: dity reading: value: urbidity reading: turbidity reading: turbidity reading: urbidity reading: control to the contro	AL REPORTS & WORKSHEETS  no treatment technique or monitoring/report  NONE Filter  NONE Filter Pn  P.485-Disinfection Data  P.485-Disinfection Data  ANALYSIS OF TURBIDITY DATA  3.77 NTU ANTU SI  0.18 NTU SI  0.251 NTU ANTU SI  0.03 NTU SI  0.03 NTU SI  0.09 NTU ANTU SI  0.09 NTU SI  0.09 NTU SI  0.16 NTU SI  0.17 NTU ANTU SI  0.18 NTU SI  0.19 NTU SI  0.	ing violations reported.  OFilter Asses  OFilter Asses  P.6-TOCMOR  Perage turbidity value: andard deviation:  verage IFE turbidity value: andard deviation:  verage CFE turbidity value: andard deviation:	1.17 NTU 0.784 NTU 0.075 NTU  0.13 NTU 0.019 NTU	
Addition Addition No add	al report(s) for incident report(s) for incident report(s) for incident report	Maximum turble Maximum IFE tu 95 <sup>th</sup> percentile I	ADDITIONA  and because there were required:  abmitted:  P.3-Filter Data  STATISTICAL  dity reading: dity reading: raidity reading: raidity reading: turbidity reading: turbidity reading: creating: creating: startistical	AL REPORTS & WORKSHEETS  no treatment technique or monitoring/report  NONE Filter  NONE Filter Pro  P.4&5-Disinfection Data  P.4&5-Disinfection Data  ANALYSIS OF TURBIDITY DATA  3.77 0.18 NTU 2.51 NTU 0.39 NTU 0.39 NTU 0.32 NTU 0.32 NTU 0.39 NTU 0.31 NTU 0.32 NTU 0.31 NTU 0.32 NTU 0.33 NTU 0.34 NTU 0.35 NTU 0.36 NTU 0.37 NTU 0.37 NTU 0.38 NTU 0.39 NTU 0.31 NTU 0.31 NTU 0.32 NTU 0.33 NTU 0.34 NTU 0.35 NTU 0.36 NTU 0.37 NTU	ofile OFilter Asses  OFilter Asses  OFilter Asses  P.6-TOCMOR  Verage turbidity value:  andard deviation:  verage IFE turbidity value:  andard deviation:  verage CFE turbidity value:	1.17 NTU 0.784 NTU 0.075 NTU 0.13 NTU	

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

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 MACKEY W	TP - BRAZOS
SYSTEM NAME:	GOLF COAST WATER ADMORT	TXOIT	I certify that I am familiar with the information	n contained in this report and that,	
PWS ID No.:	0840153	0	to the best of my knowledge, the information	n is true, complete, and accorate.	
Plant ID No.: Report for	14813	Operator's Signature:	Miller		
the Month of:	April 2023	Certificate No. & Grade	WO0043519, Å	Date: May	7 5, 2023
		TREATME	ENT PLANT PERFORMANCE		The Contract of the Contract of
Transative Englishmen Section	of turbidity readings:	180 154	Number of 4-hour periods when plant was		0
	dings above 0.10 NTU: dings above 0.3 NTU:	0	Number of 4-hour periods when plant was but turbidity data was not collected:	s orr-line:	0
Number of read	dings above 0.5 NTU:	0	Number of days when plant was on-line	collected	0
	dings above 1.0 NTU: vable turbidity level:	0.3	but individual filter turbidity data was not Number of days with readings above 1.0 N		0 (2)
Secretary and the second	readings above this limit:	0.0 % (1)	Number of days with readings above 5.0 N		0 (3)
Number of day	s with a low CT		Average log inactivation for Giardia:		3.50 116.70
TO BOTO DO SERVICIO DE CARDO	an 4.0 consecutive hours:	0	Average log inactivation for viruses: Number of days when profiling data was n	not collected:	0
and the second second second second	s with a low CT 4.0 consecutive hours:	0 (4)	Number of days when CT data was not co		0
Minimum disin	fectant residual required leaving the	plant:	0.5 mg/L, measured as Total Chlorin	ne	
	s with a low residual		Minimum pH in the last disinfection zone:		0.00
	an 4.0 consecutive hours:	0	Number of days with pH below 7.0 in the land Number of days when disinfectant residual		0.00
	s with a low residual 4.0 consecutive hours:	0 (5)	leaving the plant was not properly monitor		0
		DIS	STRIBUTION SYSTEM		NAMES AND SECTION OF THE PERSON OF THE PERSO
Minimum disinfe	ectant residual required in distribution	on system:	0.5 mg/L, measured as Total Chlorin	ie	
Total number of	readings this month:	180 (at least 18	0 required) (8) Percentage of readings with a low residua	I this mostly	0.0 % (6A)
The section of the se	ctant residual value: ngs with a low residual:	3.33	Percentage of readings with a low residua	a ans mona.	
	ngs with no detectable residual:	0	Percentage of readings with a low residua	I last month:	0.0 % (6B)
		ADDITIONA	L REPORTS & WORKSHEETS		Company of the con-
The Page 1 Ad	dendum (Public Notices) is not requ	ired because there were n	o treatment technique or monitoring/report	ing violations reported.	
	ort(s) for individual filter monitoring		NONE	OFilter Assessm	ent CPE
	ort(s) for individual filter monitoring I IFE Reports are required this mont		NONE O Filter Pro	ofile OFilter Assessm	ent (10) CPE (11)
No additiona	TIPE Reports are required this mont	dis.			
P.2-Turbidity D	Data	P.3-Filter Data	P.4&5-Disinfection Data	P.6-TOCMOR	
Alternate Technol.					
Alte					
		STATISTICAL	ANALYSIS OF TURBIDITY DATA		
- 100 March 200	FLERESCOUNT	rbidity reading: bidity reading:	1.02 1110	verage turbidity value: tandard deviation:	0.72 NTU 0.274 NTU
- 2/92/9/10/00/00 P	tastical Minimum tur ummary 95 <sup>th</sup> percenti	The state of the s	1.19 NTU		
		E turbidity reading:		verage IFE turbidity value:	0.14 NTU 0.066 NTU
NOTES AND DESCRIPTION OF THE PARTY OF THE PA		Eturbidity reading: le IFE value:	0.05 NTU S	tandard deviation:	0.000 1110
THE STATE OF THE S	- Property	E turbidity reading:	0.25 NTU A	verage CFE turbidity value:	0.14 NTU
5440025/501	tastical Minimum CF	E turbidity reading:	0.08 NTU S	tandard deviation:	0.036 NTU
St	ummary 95 <sup>th</sup> percenti	le CFE value:	CAL ANALYSIS OF pH DATA		
Laci	t Zone pH Maximum ph	The second second second second second second	THE PARTY OF THE P	verage pH value:	7.32 pH
S	tastical Minimum ph	reading:		tandard deviation:	0.102 pH
	ummary 95 <sup>th</sup> percenti	ie value:	1.01 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

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

PUBLIC WATER	CIU E COAST WATER	ALITHOBITY TY CITY	PLANT NA OR NUMBI		FY WTP - BRAZOS
SYSTEM NAME:	GULF COAST WATER	AUTHORITY IX CITY	I certify that I am familiar wit	h the information contained in this report and that	
PWS ID No .:	0840153		to the best of my knowledge	, the information is true, complete, and accurate.	
Plant ID No.:	14813	Operator's Signature:	Chlan	o S. S. Chin	
Report for the Month of:	May 2023	Certificate No. & Grad	e: WO0041290, A	Date:	June 7, 2023
		TREATM	ENT PLANT PERFORMAN	ICE ISSUED	35000000000000000000000000000000000000
Total number of	of turbidity readings:	186	Number of 4-hour periods wi	nen plant was off-line:	0
	dings above 0.10 NTU:	<u>186</u> 0	Number of 4-hour periods wi	사이트 (150) 전자 1800년 120년에 140년 120년 120년 120년 120년 120년 120년 120년 12	0
The State of the S	dings above 0.3 NTU: dings above 0.5 NTU:	0	but turbidity data was not co Number of days when plant v		
Number of read	dings above 1.0 NTU:	0	but individual filter turbidity		0
	vable turbidity level:	0.3	Number of days with reading		0 (2)
	readings above this limi	t: 0.0 % (1)	Number of days with reading		
	s with a low CT an 4.0 consecutive hour:	s: 0	Average log inactivation for a Average log inactivation for a		3.88 124.26
STATE OF THE PARTY	s with a low CT		Number of days when profiling	The same and the same at	0
	1.0 consecutive hours:	0 (4)	Number of days when CT dat	a was not collected:	0
Minimum disin	fectant residual require	d leaving the plant:	mg/L, measured as	Total Chlorine	
	s with a low residual		Minimum pH in the last disin	fection zone:	7.11
	an 4.0 consecutive hours	s:0		w 7.0 in the last disinfection zone:	0.00
	s with a low residual	0 (5)	Number of days when disinfe leaving the plant was not pro		0
Tot more than					
		DI	STRIBUTION SYSTEM		(A) 11 (A) 2 (A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B
	ctant residual required i		0.5 mg/L, measured as	Total Chlorine	
The state of the s	readings this month: tant residual value:	186 (at least 18	0 required) (8) Percentage of readings with:	a low residual this month:	0.0 % (6A)
	ngs with a low residual:				
Number of reading	ngs with no detectable r	esidual: 0	Percentage of readings with	a low residual last month:	0.0 % (6B)
Navig 2000		ADDITIONA	AL REPORTS & WORKSH	ETS	
The Page 1 Add	dendum (Public Notices)	) is not required because there were r	no treatment technique or moni		
	ort(s) for individual filter		NONE	O Filter Asse	
	ort(s) for individual filter I IFE Reports are require		● NONE	O Filter Profile OFilter Asse	ssment (10) O CPE (11)
NO additional	THE Reports are require	ad this month.		3	
P.2-Turbidity D	ata	P.3-Filter Data	P.4&5-Disinfect	ion Data P.6-TOCMOR	
mate mol.					
Alternate Technol.					
		STATISTICAL	ANALYSIS OF TURBIDIT	Y DATA	
Settl	ed Water M	Maximum turbidity reading:	1.46 NTU	Average turbidity value:	0.71 NTU
125-500/96/95 \$	astical M	linimum turbidity reading:	0.18 NTU	Standard deviation:	0.322 NTU
ACTIVITY OF THE PERSON NAMED IN COLUMN TO SERVICE OF THE PERSON NAMED IN COLUM		5 <sup>th</sup> percentile value:	1.27 NTU		O 40 NTU
13036999027		Maximum IFE turbidity reading: Minimum IFEturbidity reading:	0.38 NTU 0.07 NTU	Average IFE turbidity value: Standard deviation:	0.16 NTU 0.070 NTU
2002/00/00 CF		5 <sup>th</sup> percentile IFE value:	0.31 NTU	evice-section and the Control of Table (Control	
	CFE N	Maximum CFE turbidity reading:	0.22 NTU	Average CFE turbidity value:	0.15 NTU
		Minimum CFE turbidity reading: 95 <sup>th</sup> percentile CFE value:	0.11 NTU 0.19 NTU	Standard deviation:	0.025 NTU
Su	mmary		CAL ANALYSIS OF pH DA	ATA	
Lest	SERVICE SERVIC		manager and the second	AND DESCRIPTION OF THE PERSON	The state of the s
	Zone nH	Maximum nH reading:	7.63 pH	Average pH value:	7.31 pH
		Maximum pH reading: Minimum pH reading:	7.63 pH 7.11 pH 7.50 pH	Average pH value: Standard deviation:	0.116 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

95th percentile value:

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

PLANT NAME

SYSTEM NAME:	<b>GULF COAST WATER AUTH</b>	HORITY TX CITY	OR NU	JMBER: SWTP - THO	MAS MACKEY	WTP - BRAZOS
PWS ID No.:	0840153			iar with the information contained in this relege, the information is true, complete,		
Plant ID No.:	14813	Operator's Signature:	Autor	ui A STA	Ener	
Report for		-			1965.5	Mediante acciden
the Month of:	June 2023	Certificate No. & Grade	WO0041290, A		Date: J	uly 7, 2023
STATE OF STREET	ACCESSED TO THE REAL PROPERTY.	TREATM	ENT PLANT PERFOR	MANCE		
TO COMPANY AND A CONTROL OF THE STATE	f turbidity readings:	180	Number of 4-hour period	s when plant was off-line:		0
	ings above 0.10 NTU: ings above 0.3 NTU:	179	Number of 4-hour period but turbidity data was no	s when plant was off-line:		0
	ings above 0.5 NTU:	0	Number of days when pl			
The state of the s	ings above 1.0 NTU:	0		lity data was not collected:		0
Market Assessment Control of Street	able turbidity level:	0.3	Number of days with rea			0 (2)
Percentage of re	eadings above this limit:	0.0 % (1)	Number of days with rea	dings above 5.0 NTU:		0 (3)
Number of days	with a low CT n 4.0 consecutive hours:	0	Average log inactivation Average log inactivation			3.94 127.30
Number of days				ofiling data was not collected:		0
The second secon	0 consecutive hours:	0 (4)	Number of days when C7	Secretary and the second secon		0
Minimum disinfe	ectant residual required leavi	ng the plant:	0.5 mg/L, measure	d as Total Chlorine		
TO THE RESIDENCE OF THE PARTY O	with a low residual	2	Minimum pH in the last d	isinfection zone:		7.15
	n 4.0 consecutive hours:	0	900 B C C C C C C	below 7.0 in the last disinfection z	one:	0.00
	with a low residual 0 consecutive hours:	0 (5)	Number of days when dis leaving the plant was not			0
Tot more than the		(-)	The state of the s	property monitores.		
	2014年4月21年	DI	STRIBUTION SYSTEM	2773.94		
	tant residual required in distr			i as Total Chlorine		
	eadings this month: ant residual value:	180 (at least 180	3 6 35	rith a low residual this month:		0.0 % (6A)
	gs with a low residual:	0	r croemage or readings h	itir a low residual dils illolitil.		0.0 % (0.4)
	gs with no detectable residua	0	Percentage of readings w	ith a low residual last month:		0.0 % (6B)
		ADDITIONA	AL REPORTS & WORK	SHEETS	SEASON CON	
The Page 1 Add	endum (Public Notices) is not	required because there were no	treatment technique or mo	nitoring/reporting violations repor	ed	Name and Address of the Owner o
N NOVEMBER 1997	t(s) for individual filter monitor		● NONE		Filter Assessi	ment CPE
	t(s) for individual filter monitor		@NONE		Filter Assessi	
No additional l	FE Reports are required this	month.	CHOIL	J Titlet Frome	Ji liter Assessi	nent (10)
P.2-Turbidity Da	ta	P.3-Filter Data	D 485 Diele	fection Data P.6-TOCMOR		
	ta	F.S-Filler Data	F.460-DISII	nection bata P.0-10CMOR		
Alternate Technol.						
4 8	Manager Street Street Street	CONTRACTOR OF THE PROPERTY OF THE PARTY OF T				
		STATISTICAL	ANALYSIS OF TURBI	DITY DATA		
		um turbidity reading:	1.85 NTU	Average turbidity		0.63 NTU
		m turbidity reading: rcentile value:	0.12 NTU 1.05 NTU	Standard deviation	1:	0.302 NTU
SANSKA SANSKA	The state of the s			Average IPE to black	itu unlus-	O 45 NTU
TRONGERSON CO.	ENGINEERING CO.	um IFE turbidity reading: im IFEturbidity reading:	0.37 NTU 0.08 NTU	Average IFE turbid Standard deviation		0.15 NTU 0.055 NTU
		rcentile IFE value:	0.26 NTU		v.	
THE COURT OF THE C		um CFE turbidity reading:	0.34 NTU	Average CFE turbi	dity value:	0.14 NTU
- ESCALAR SERVICE	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	m CFE turbidity reading: rcentile CFE value:	0.10 NTU 0.18 NTU	Standard deviation	:	0.026 NTU
Sur	95 pe	ALL THE REAL PROPERTY AND ADDRESS OF THE PARTY	CAL ANALYSIS OF pH	ΠΑΤΑ	and water the same	
Territory	Zono all	um pH reading:				7.20 - 11
AND DESCRIPTION OF THE PERSON		ım pH reading: m pH reading:	7.49 pH 7.15 pH	Average pH value: Standard deviation	:	7.30 pH 0.101 pH
12330561831		centile value:	7.45 pH		18	

#### 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

**PUBLIC WATER** 

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		UTHORITY TX CITY	PLANT NA OR NUMB		MAS MACKEY WTP - BRAZ	ros
			I certify that Lam familier w	th the information contained in this r	report and that,	
PWS ID No.:	0840153		to the best of my knowledg	e, the information is true, complete,	and accurate.	
Plant ID No.: Report for	14813	Operator's Signature:	1/11/201			
the Month of:	July 2023	Certificate No. & Grade	e: WO0043519, A		Date: August 4, 202	3
		TREATM	ENT PLANT PERFORMA	NCE		
Total number	of turbidity readings:	186	Number of 4-hour periods w	hen plant was off-line:		0
	adings above 0.10 NTU: adings above 0.3 NTU:	<del></del>	Number of 4-hour periods w but turbidity data was not co			0
	adings above 0.5 NTU:	0	Number of days when plant			
	adings above 1.0 NTU:	0	but individual filter turbidity	data was not collected:		0
The Control of	wable turbidity level:	0.3	Number of days with reading			0 (2)
Percentage of	readings above this limit:	0.0 % (1)	Number of days with reading	s above 5.0 NTU:		0 (3)
	ys with a low CT nan 4.0 consecutive hours:	0	Average log inactivation for Average log inactivation for		3. 126.	83
	ys with a low CT		Number of days when profili			0
English and the Control of the Contr	4.0 consecutive hours:	0 (4)	Number of days when CT da			0
Minimum disi	nfectant residual required l	eaving the plant:	0.5 mg/L, measured as	Total Chlorine		
All the second second second second second	ys with a low residual		Minimum pH in the last disin	fection zone:	7.	23
THE RESERVE OF THE RE	an 4.0 consecutive hours:	0	Number of days with pH belo		cone: 0.	00
	ys with a low residual 4.0 consecutive hours:	0 (5)	Number of days when disinfe leaving the plant was not pro			0
				porty monitored.		
	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	DIS	STRIBUTION SYSTEM			
	ectant residual required in		0.5mg/L, measured as	Total Chlorine		
	readings this month: ctant residual value:	186 (at least 186	0 required) (8) Percentage of readings with	a low residual this month:		0.0 % (6A)
	ings with a low residual:	0			<u> </u>	
Number of read	ngs with no detectable res	idual: 0	Percentage of readings with	a low residual last month:	0	.0 % (6B)
		ADDITIONA	L REPORTS & WORKSH	ETS MANAGE	Tell and the second of	
The Page 1 Ad	dendum (Public Notices) is	not required because there were no	o treatment technique or moni	toring/reporting violations rep	oorted.	
955000000	ort(s) for individual filter m		● NONE		)Filter Assessment	O CPE
Additional rep	ort(s) for individual filter m	onitoring submitted:	● NONE	O Filter Profile	Filter Assessment (10)	O CPE (11)
No additiona	I IFE Reports are required	this month,				
P.2-Turbidity I	Data	P.3-Filter Data	P.4&5-Disinfect	ion Data P.6-TOCMOR		
Alternate Technol.						
Q.F.						
The later was	No. of the last of	Contract of the last of the la	ANALYSIS OF TURBIDIT			
1000034000354		dimum turbidity reading: dimum turbidity reading:	1.73 NTU 0.14 NTU	Average turbidity v Standard deviation	value: 0.6	NTU 88 NTU
RUMANTON .		percentile value:	0.96 NTU	Standard deviation	0.20	NIU
1900	IFE Max	kimum IFE turbidity reading:	0.23 NTU	Average IFE turbid	ity value: 0.1	3 NTU
	astical Min	imum IFEturbidity reading:	0.08 NTU	Standard deviation		NTU
COLUMN TO A STATE OF THE PARTY		percentile IFE value:	0.21 NTU			-
COMMENSOR STORY		kimum CFE turbidity reading: imum CFE turbidity reading:	0.17 NTU 0.10 NTU	Average CFE turbio Standard deviation		4 NTU 5 NTU
TOPICS PRODUCTS		percentile CFE value:	0.16 NTU	Standard deviation		<u> </u>
ALL DESCRIPTION OF THE PARTY OF		STATISTIC	CAL ANALYSIS OF pH DA	ΤΔ	charte so company and a series	A STREET STREET, COLUMN
Committee and the second like		OTATIOTIC		MESSES BASINESS		
Last	Zone pH Max	kimum pH reading:	7.56 pH	Average pH value:	7.3	5 pH

SURFACE WATER MONTHLY OPERATING REPORT

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

PUBLIC WATER	CUI F COAST WATER AUTU	ODITY TY CITY	PLANT NAME OR NUMBER:	SWTP - THOMAS MACKEY	WTP - BRAZOS
SYSTEM NAME:	GULF COAST WATER AUTH	ORIT IX CIT	I certify that Jam familia with the informa	ation contained in this report and that,	1111 - DIOLEGO
PWS ID No.:	0840153	_	to the best of my knowledge, the informa	ition is true, complete, and accurate.	
Plant ID No.:	14813	Operator's Signature:	Mary		
Report for the Month of:	August 2023	Certificate No. & Grade	: WO0943519, A	Date: S	September 7, 2023
BINE	3. 人名英格兰人姓氏	TREATME	NT PLANT PERFORMANCE		
Total number o	f turbidity readings:	186	Number of 4-hour periods when plant v	vas off-line:	0
	lings above 0.10 NTU:	186	Number of 4-hour periods when plant w	vas off-line:	0
The state of the s	lings above 0.3 NTU: lings above 0.5 NTU:	0	but turbidity data was not collected: Number of days when plant was on-line	e	
Number of read	lings above 1.0 NTU:		but individual filter turbidity data was n		0
1 200	rable turbidity level:	0.3	Number of days with readings above 1.		0 (2)
Percentage of r	eadings above this limit:	0.0 % (1)	Number of days with readings above 5.	U NIU:	
With the County of the County	s with a low CT in 4.0 consecutive hours:	0	Average log inactivation for Giardia: Average log inactivation for viruses:		3.40 113.93
10011100111011111111	with a low CT		Number of days when profiling data wa	s not collected:	0
for more than 4	.0 consecutive hours:	0 (4)	Number of days when CT data was not	collected:	0
Minimum disint	fectant residual required leavi	ng the plant:	mg/L, measured as Total Chlo	rine	
	s with a low residual		Minimum pH in the last disinfection zor		7.27
Control Anna Control Control Control	n 4.0 consecutive hours:	0	Number of days with pH below 7.0 in th		0.00
	s with a low residual .0 consecutive hours:	0 (5)	Number of days when disinfectant reside leaving the plant was not properly mon		0
120 To Sept. 100 To Sept. 110		DIS	STRIBUTION SYSTEM		
HOWALDWALL	Manager Care To Brown				
	ctant residual required in dist readings this month:		mg/L, measured as Total Chic required) (8)	rine	
	tant residual value:	3.07	Percentage of readings with a low resid	dual this month:	0.0 % (6A)
	ngs with a low residual:	0	Provention of analysis and an installant	fuel lest months	0.0 % (6B)
Number of readir	ngs with no detectable residua	al: <u>0</u>	Percentage of readings with a low resid	idal last mondi.	0.0] 78 (0.5)
		ADDITIONA	L REPORTS & WORKSHEETS		
The Page 1 Add	lendum (Public Notices) is no	t required because there were no	treatment technique or monitoring/rep		
	ort(s) for individual filter moni		● NONE	Filter Assess	sment O CPE
	ort(s) for individual filter moni IFE Reports are required this		● NONE ○ Filter	Profile OFilter Assess	Sment (10) CPE (11)
No additional	IFE Reports are required this	mona.			
P.2-Turbidity D	ata	P.3-Filter Data	P.4&5-Disinfection Data	P.6-TOCMOR	
nate inol.					
Alternate Technol.					
	SERVICE REPORT	STATISTICAL	ANALYSIS OF TURBIDITY DATA	<b>国际工程。</b>	
Settle	ed Water Maxim	um turbidity reading:	2.27 NTU	Average turbidity value:	0.94 NTU
Sta	astical Minimu	ım turbidity reading:	0.15 NTU	Standard deviation:	0.460 NTU
Sui		rcentile value:	1.61 NTU		
	Economic Society Company	um IFE turbidity reading: um IFEturbidity reading:	0.29 NTU 0.08 NTU	Average IFE turbidity value: Standard deviation:	0.14 NTU 0.041 NTU
145400454646311		rcentile IFE value:	0.22 NTU		CONTRACTOR CONTRACTOR
		um CFE turbidity reading:	0.23 NTU	Average CFE turbidity value:	0.17 NTU
- CONT CONT.		um CFE turbidity reading: rcentile CFE value:	0.12 NTU 0.20 NTU	Standard deviation:	0.017 NTU
A DA MARIA	95 pe		CAL ANALYSIS OF pH DATA	THE OWNER OF THE PARTY OF THE P	
Last	Zone pH Maxim	um pH reading:	7.52 pH	Average pH value:	7.41 pH
Last					
St	astical Minimu	um pH reading: um pH reading: rcentile value:	7.32 pH 7.52 pH	Standard deviation:	0.071 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

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

PLANT NAME

	GULF COAST WATER AUT	THORITY TX CITY	OR NUMBER:	SWTP - THOMAS MACK	
STSTEM NAME.			I certify that I am familiar with the informa to the best of my knowledge, the informal	tion contained in this report and tha	ι,
PWS ID No.:	0840153		////	garia iruc, complete, and assessment	
Plant ID No.:	14813	Operator's Signature:	The state of the s		
Report for the Month of:	September 2023	Certificate No. & Grad	de: W00043519, A	Date:	October 4, 2023
<b>美国金属</b>		TREATM	MENT PLANT PERFORMANCE		
Total number o	f turbidity readings:	180	Number of 4-hour periods when plant w	ras off-line:	0
Number of read	lings above 0.10 NTU:	35	Number of 4-hour periods when plant w	ras off-line:	0
Number of read	lings above 0.3 NTU:	0	but turbidity data was not collected: Number of days when plant was on-line	í	
	dings above 0.5 NTU: dings above 1.0 NTU:	0	but individual filter turbidity data was no		0
I E E SON E	vable turbidity level:	0.3	Number of days with readings above 1.0	O NTU:	0 (2)
((NO) SERVICE CONTRACTOR CONTRACTOR	readings above this limit:	0.0 % (1)	Number of days with readings above 5.0	O NTU:	0 (3)
	s with a low CT		Average log inactivation for Giardia:		3.64 119.85
	an 4.0 consecutive hours:	0	Average log inactivation for viruses: Number of days when profiling data was	s not collected:	0
	s with a low CT 4.0 consecutive hours:	0 (4)	Number of days when CT data was not		0
Minimum disin	fectant residual required lea	aving the plant:	0.5 mg/L, measured as Total Chlo	rine	000004
	s with a low residual		Minimum pH in the last disinfection zon		7.27
for no more tha	an 4.0 consecutive hours:	0	Number of days with pH below 7.0 in the		0.00
	s with a low residual 4.0 consecutive hours:	0 (5)	Number of days when disinfectant reside leaving the plant was not properly monitoring the plant was not properly monitoring the property monitoring the property of the prope		0
for more than s	4.0 Collactuate flours.				
			DISTRIBUTION SYSTEM		
	ctant residual required in di	istribution system:	0.5 mg/L, measured as Total Chlo	rine	
	readings this month: ctant residual value:	180 (at least 1	180 required) (8)  Percentage of readings with a low resid	lual this month:	0.0 % (6A)
	ngs with a low residual:	0	,		
	ngs with no detectable resid	dual: 0	Percentage of readings with a low resid	lual last month:	0.0 % (6B)
		ADDITION	NAL REPORTS & WORKSHEETS		
The Page 1 Ad	dendum (Public Notices) is	not required because there were	no treatment technique or monitoring/repo	orting violations reported.	
5.0	ort(s) for individual filter mo		● NONE		sessment O CPE
	ort(s) for individual filter mo		● NONE O Filter	Profile OFilter Ass	sessment (10) O CPE (11)
	I IFE Reports are required ti				
D. 2 Turbidity F	) oto	P.3-Filter Data	P.4&5-Disinfection Data	P.6-TOCMOR	
P.2-Turbidity D	Data	P.3-Filter Data	P.485-Disinfection Data	P.6-TOCMOR	
	Oata	P.3-Filter Data	P.4&5-Disinfection Data	P.6-TOCMOR	
P.2-Turbidity I	Data		anna scríochtaí a scríotha dhrianna na hairteann a bailteann an deireann dheachtainn an dheachtainn a scríotha	P.6-TOCMOR	
	Data		P.485-Disinfection Data		
Alternate Technol.	led Water Max	STATISTICA	AL ANALYSIS OF TURBIDITY DATA  2.84 NTU	Average turbidity value:	1.37 NTU
Afternate Technol.	led Water Max tastical Mini	STATISTICA imum turbidity reading: mum turbidity reading:	AL ANALYSIS OF TURBIDITY DATA  2.84 NTU 0.53 NTU		1.37 NTU 0.435 NTU
Afternate Technol.	led Water Max tastical Mini ummary 95 <sup>th</sup>	STATISTICA imum turbidity reading: mum turbidity reading: percentile value:	AL ANALYSIS OF TURBIDITY DATA  2.84 NTU 0.53 NTU 2.10 NTU	Average turbidity value: Standard deviation:	0.435 NTU
Atternate Technol.	led Water Max tastical Mini ummary 95 <sup>th</sup>	STATISTICA imum turbidity reading: mum turbidity reading: percentile value: imum IFE turbidity reading:	AL ANALYSIS OF TURBIDITY DATA  2.84 NTU 0.53 NTU	Average turbidity value:	0.435 NTU
Atternate Technol.	led Water Max tastical Mini ummary 95 <sup>th</sup>	STATISTICA imum turbidity reading: mum turbidity reading: percentile value:	AL ANALYSIS OF TURBIDITY DATA  2.84 NTU 0.53 NTU 2.10 NTU 0.29 NTU	Average turbidity value: Standard deviation: Average IFE turbidity value:	0.435 NTU  0.14 NTU
Atternate Technol.	led Water Max tastical Mini Immary 95 <sup>th</sup> IFE Max tastical Mini Immary 95 <sup>th</sup>	STATISTICA imum turbidity reading: mum turbidity reading: percentile value: imum IFE turbidity reading: mum IFEturbidity reading:	2.84 NTU  0.53 NTU  2.10 NTU  0.29 NTU  0.06 NTU  0.22 NTU  0.17 NTU	Average turbidity value: Standard deviation: Average IFE turbidity value: Standard deviation: Average CFE turbidity value	0.435 NTU  0.14 NTU  0.044 NTU  0.09 NTU
Atternate Technol.	led Water Max tastical Mini mmary 95 <sup>th</sup> IFE Max tastical Mini mmary 95 <sup>th</sup> CFE Max tastical Mini	STATISTICA imum turbidity reading: mum turbidity reading: percentile value: imum IFE turbidity reading: mum IFEturbidity reading: percentile IFE value: imum CFE turbidity reading: imum CFE turbidity reading:	2.84 NTU  0.53 NTU  2.10 NTU  0.29 NTU  0.06 NTU  0.17 NTU  0.06 NTU  0.07 NTU	Average turbidity value: Standard deviation: Average IFE turbidity value: Standard deviation:	0.435 NTU  0.14 NTU  0.044 NTU
Alternate Technol.	led Water Max tastical Mini mmary 95 <sup>th</sup> IFE Max tastical Mini mmary 95 <sup>th</sup> CFE Max tastical Mini	STATISTICA imum turbidity reading: mum turbidity reading: percentile value: imum IFE turbidity reading: mum IFEturbidity reading: percentile IFE value: imum CFE turbidity reading: imum CFE turbidity reading: percentile CFE value:	2.84 NTU	Average turbidity value: Standard deviation: Average IFE turbidity value: Standard deviation: Average CFE turbidity value	0.435 NTU  0.14 NTU  0.044 NTU  0.09 NTU
Afternate Sett St. Set. St. St. St. St. St. St. St. St. St. S	led Water Max Mini 195 <sup>th</sup> IFE Max Mini 195 <sup>th</sup> IFE Max Mini 195 <sup>th</sup> CFE Max Mini 195 <sup>th</sup> CFE Max Mini 195 <sup>th</sup> Mini 195 <sup>th</sup> Mini 195 <sup>th</sup>	STATISTICA imum turbidity reading: mum turbidity reading: percentile value: imum IFE turbidity reading: mum IFEturbidity reading: percentile IFE value: imum CFE turbidity reading: mum CFE turbidity reading: percentile CFE value:  STATIS	2.84 NTU 0.53 NTU 2.10 NTU 0.29 NTU 0.06 NTU 0.02 NTU 0.17 NTU 0.01 NTU 0.17 NTU 0.01 NTU 0.17 NTU	Average turbidity value: Standard deviation: Average IFE turbidity value: Standard deviation: Average CFE turbidity value Standard deviation:	0.435 NTU  0.14 NTU  0.044 NTU  0.09 NTU  0.015 NTU
Afternate Sett St. St. St. St. St. St. St. St. St. S	led Water Max Mini Jammary 95 <sup>th</sup> IFE Max Mini Jammary 95 <sup>th</sup> CFE Max Mini Jammary 95 <sup>th</sup> CFE Max Mini Jammary 95 <sup>th</sup> t Zone pH Max	STATISTICA imum turbidity reading: mum turbidity reading: percentile value: imum IFE turbidity reading: mum IFEturbidity reading: percentile IFE value: imum CFE turbidity reading: imum CFE turbidity reading: percentile CFE value:	2.84 NTU	Average turbidity value: Standard deviation: Average IFE turbidity value: Standard deviation: Average CFE turbidity value	0.435 NTU  0.14 NTU  0.044 NTU  0.09 NTU

SURFACE WATER MONTHLY OPERATING REPORT

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

SYSTEM NAME:	CULT CO LOT WATE	DALITHODITY TV CITY	PLANT NAME	SWTP - THOMAS MACK	EV WITD - BRAZOS			
	GULF COAST WATE	R AUTHORITY TX CITY	OR NUMBER:  I certify that Lem Fimiliar with the information					
PWS ID No.:	0840153		to the best of my knowledge, the information					
Plant ID No.:	14813	Operator's Signature:	Mys					
Report for the Month of:	October 2023	Certificate No. & Grade	: W00043519, A	Date:	November 7, 2023			
		TREATM	ENT PLANT PERFORMANCE	Programme and the				
Total number of	of turbidity readings:	186	Number of 4-hour periods when plant was	off-line:	0			
	dings above 0.10 NTU:		Number of 4-hour periods when plant was					
Number of rea	dings above 0.3 NTU:	0	but turbidity data was not collected:		0			
THE DESCRIPTION OF STREET STREET, SAN ASSESSED.	dings above 0.5 NTU: dings above 1.0 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not of	ollected:	0			
CALIFORNIA AND AND AND AND AND AND AND AND AND AN	wable turbidity level:	0.3	Number of days with readings above 1.0 NT		0 (2)			
	readings above this lin	nit: 0.0 % (1)	Number of days with readings above 5.0 NT	ru:	0 (3)			
Number of day	s with a low CT		Average log inactivation for Giardia:		3.23			
CONTRACTOR	an 4.0 consecutive hou	0	Average log inactivation for viruses:		99.71			
	s with a low CT 4.0 consecutive hours:	0 (4)	Number of days when profiling data was no Number of days when CT data was not colle		0			
	fectant residual requir		0.5 mg/L, measured as Total Chlorine					
	s with a low residual		Minimum pH in the last disinfection zone:		7.18			
	an 4.0 consecutive hou	ırs: 0	Number of days with pH below 7.0 in the las	st disinfection zone:	0.00			
Number of day	s with a low residual		Number of days when disinfectant residual					
for more than	4.0 consecutive hours:	0 (5)	leaving the plant was not properly monitore	ed:	0			
		DIS	STRIBUTION SYSTEM		等。1000年1000年1000年1000年1000年1000年1000年100			
Minimum disinfe	ectant residual required	I in distribution system:	0.5 mg/L, measured as Total Chlorine					
Total number of	readings this month:		0 required) (8)					
	ctant residual value:	3.08	Percentage of readings with a low residual	this month:	0.0 % (6A)			
CONTRACTOR	ngs with a low residua ngs with no detectable	574 6	Percentage of readings with a low residual	last month:	0.0 % (6B)			
		ADDITIONA	L REPORTS & WORKSHEETS					
ADDITIONAL REPORTS & WORKSHEETS								
The Bage 1 Ad	dendum (Bublic Notice	s) is not required because there were n	o treatment technique or monitoring/reportin	The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.				
		2 22			essment CPE			
Additional repo	ort(s) for individual filte	er monitoring required:	● NONE	OFilter Asse				
Additional repo	ort(s) for individual filte	er monitoring required: er monitoring submitted:		OFilter Asse				
Additional repo Additional repo No additiona	ort(s) for individual filte ort(s) for individual filte I IFE Reports are requi	er monitoring required: er monitoring submitted: red this month.	NONE     Filter     Filter Prof	OFilter Asse				
Additional repo Additional repo No additional P.2-Turbidity D	ort(s) for individual filte ort(s) for individual filte I IFE Reports are requi	er monitoring required: er monitoring submitted:	● NONE	OFilter Asse				
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Additional repo Additional repo No additiona	ort(s) for individual filte ort(s) for individual filte I IFE Reports are requi	er monitoring required: er monitoring submitted: red this month.	NONE     Filter     Filter Prof	OFilter Asse				
Additional repo Additional repo No additional P.2-Turbidity D	ort(s) for individual filte ort(s) for individual filte I IFE Reports are requi	er monitoring required: er monitoring submitted: red this month. P.3-Filter Data	NONE     Filter     Filter Prof	OFilter Asse				
Additional report Additional report No additional P.2-Turbidity D. P.2-Tur	ort(s) for individual filte ort(s) for individual filte I IFE Reports are requi	er monitoring required: er monitoring submitted: red this month.  P.3-Filter Data  STATISTICAL  Maximum turbidity reading:	● NONE	OFilter Asse P.6-TOCMOR  Property of the prope	1.38 NTU			
Additional report Additional report No additional P.2-Turbidity D. P.2-Turbidity D. P.2-Turbidity D. Settli	ort(s) for individual filti ort(s) for individual filti I IFE Reports are requi	er monitoring required: er monitoring submitted: red this month.  P.3-Filter Data  STATISTICAL	● NONE	OFilter Asse	SSMENT (10) CPE (11)			
Additional report Additional report No additional P.2-Turbidity D. P.2-Turbidity D. P.2-Turbidity D. Settli	ort(s) for individual filte ort(s) for individual filte I IFE Reports are requi	er monitoring required: er monitoring submitted: red this month.  P.3-Filter Data  STATISTICAL  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:	NONE   Filter    NONE   Filter    NONE   Filter    NONE   Filter    P.4&5-Disinfection Data    ANALYSIS OF TURBIDITY DATA    Ave    3.81   NTU   Ave    NTU   Sta	OFilter Asse  OFilter Asse  P.6-TOCMOR  erage turbidity value: undard deviation:	1.38 NTU 0.651 NTU			
Additional report Additional report Additional report No additional P.2-Turbidity D. Settli St. Su.	ort(s) for individual filte ort(s) for individual filte I IFE Reports are requi	er monitoring required: er monitoring submitted: red this month.  P.3-Filter Data  STATISTICAL  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading: Minimum IFEturbidity reading:	● NONE	OFilter Asse P.6-TOCMOR  Property of the prope	1.38 NTU			
Additional report Additional report No additional report No additional P.2-Turbidity D. Settli St. Su. St. St. St. St. St. St. St. St. St. St	ort(s) for individual filte ort(s) for individual filte I IFE Reports are requi Data  led Water astical immary  IFE	er monitoring required: er monitoring submitted: red this month.  P.3-Filter Data  STATISTICAL  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading:	● NONE	P.6-TOCMOR  Property of the pr	1.38 NTU 0.651 NTU 0.15 NTU			
Additional report Additional report No additional report No additional P.2-Turbidity D. Settli St. Su. St. Su.	ort(s) for individual filte ort(s) for individual filte I IFE Reports are requi Data  led Water astical Immary  IFE astical Immary  CFE	er monitoring required: er monitoring submitted: red this month.  P.3-Filter Data  STATISTICAL  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading: 95 <sup>th</sup> percentile IFE value:  Maximum CFE turbidity reading:	● NONE	P.6-TOCMOR  P.6-TOCMOR  Prage turbidity value: and deviation: and deviation: arage CFE turbidity value: and deviation: arage CFE turbidity value: and deviation: arage CFE turbidity value:	1.38 NTU 0.651 NTU 0.054 NTU 0.10 NTU			
Additional reput Additional reput No additional reput No additional P.2-Turbidity D. P.2-Turbidity D. Settli St.	ort(s) for individual filte ort(s) for individual filte I IFE Reports are requi Data  led Water astical immary  IFE astical immary	er monitoring required: er monitoring submitted: red this month.  P.3-Filter Data  STATISTICAL  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading: 95 <sup>th</sup> percentile lFE value:	● NONE	P.6-TOCMOR  Property of the pr	1.38 NTU 0.651 NTU 0.054 NTU			
Additional reput Additional reput No additional reput No additional P.2-Turbidity D. P.2-Turbidity D. Settli St.	ort(s) for individual filter i	er monitoring required: er monitoring submitted: red this month.  P.3-Filter Data  P.3-Filter Data  STATISTICAL  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading: 95 <sup>th</sup> percentile IFE value:  Maximum CFE turbidity reading: Minimum CFE turbidity reading: Minimum CFE turbidity reading: 95 <sup>th</sup> percentile CFE value:	● NONE	P.6-TOCMOR  P.6-TOCMOR  Prage turbidity value: and deviation: and deviation: arage CFE turbidity value: and deviation: arage CFE turbidity value: and deviation: arage CFE turbidity value:	1.38 NTU 0.651 NTU 0.054 NTU 0.10 NTU			
Additional report Additional report No additional r	ort(s) for individual filter i	er monitoring required: er monitoring submitted: red this month.  P.3-Filter Data  P.3-Filter Data  STATISTICAL  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading: 95 <sup>th</sup> percentile IFE value:  Maximum CFE turbidity reading: Minimum CFE turbidity reading: Minimum CFE turbidity reading: 95 <sup>th</sup> percentile CFE value:	● NONE	P.6-TOCMOR  P.6-TOCMOR  Prage turbidity value: and deviation: and deviation: arage CFE turbidity value: and deviation: arage CFE turbidity value: and deviation: arage CFE turbidity value:	1.38 NTU 0.651 NTU  0.15 NTU  0.054 NTU  0.10 NTU  0.10 NTU  7.31 pH			
Additional reput Additional reput Additional reput No additional P.2-Turbidity D. Settli St.	ort(s) for individual filte ort(s) for individual filte ort(s) for individual filte I IFE Reports are requi  led Water lastical immary  IFE lastical immary  CFE lastical immary	er monitoring required: er monitoring submitted: red this month.  P.3-Filter Data  P.3-Filter Data  STATISTICAL  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading: 95 <sup>th</sup> percentile IFE value:  Maximum CFE turbidity reading: 95 <sup>th</sup> percentile IFE value:  STATISTI	● NONE	P.6-TOCMOR  P.6-TOCMOR  Property of the proper	1.38 NTU 0.651 NTU 0.054 NTU 0.015 NTU 0.010 NTU 0.017 NTU			

SURFACE WATER MONTHLY OPERATING REPORT

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

PUBLIC WA		OACT WATE	D AUTHORITY T	TV CITY	PLANT OR NUM		SWTP - THOMAS MACK	(EY WTP - BRAZOS
SYSTEM N.	AME: GULF C	OAST WATE	ER AUTHORITY T	X CITT			ntained in this report and tha	
PWS ID No	.: 08401	53					true, complete, and accurate	
Plant ID No				Operator's Signature:	/ Marks			
Report for	14013				1111			
the Month	of: Novem	ber 2023		Certificate No. & Grad	le: / XVO0043519, A		Date:	December 5, 2023
		CHAPTER.		TREATM	ENT PLANT PERFORM	ANCE .		
Total nun	nber of turbidit	v readings:		180	Number of 4-hour periods	when plant was of	f-line:	0
Accordence to	of readings abo		:	103	Number of 4-hour periods			
Number of	of readings abo	ve 0.3 NTU:		0	but turbidity data was not			0
	of readings abo			0	Number of days when plan but individual filter turbidi		lacted:	0
0.000 1117	of readings abo n allowable turi			0.3	Number of days with read	TANK TO THE PARTY OF THE PARTY		0 (2)
11/200000000000000000000000000000000000	ge of readings	and the same	mit:	0.0 % (1)	Number of days with read			0 (3)
					Average log inactivation for			2.76
	of days with a I ore than 4.0 co		urs:	0	Average log inactivation for			82.02
Number of	of days with a I	ow CT			Number of days when pro	filing data was not	collected:	0
for more	than 4.0 conse	cutive hours	:	0 (4)	Number of days when CT	data was not collec	ted:	0
Minimum	disinfectant re	sidual requi	red leaving the p	lant:	0.5 mg/L, measured	as Total Chlorine		
	of days with a I				Minimum pH in the last dis	sinfection zone:		7.19
for no mo	ore than 4.0 cor	secutive ho	urs:	0	Number of days with pH b	elow 7.0 in the last	disinfection zone:	0.00
	of days with a I			ol (e)	Number of days when disi			0
for more	than 4.0 conse	cutive hours	:	0 (5)	leaving the plant was not p	properly monitored		
	N. S. C.			DI	STRIBUTION SYSTEM			LANGE CALL
Minimum d	disinfectant res	idual require	d in distribution	system:	0.5 mg/L, measured	as Total Chlorine		
A STATE OF THE PARTY OF THE PAR	per of readings				80 required) (8)			
		level evelence		3.06	Percentage of readings wi	th a low residual th	is month.	0.0 % (6A)
The second secon	sinfectant resid		20	Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the O	i croomage or readings in	and tow restudes at	is month.	5.5 7. (5.3)
Number of	readings with	a low residua		0	Also St. Mai Will have the			
Number of		a low residua		Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the O	Percentage of readings wi			0.0 % (6B)
Number of	readings with	a low residua		0 0	Also St. Mai Will have the	th a low residual la		
Number of Number of	readings with	a low residua no detectable	e residual:	O O O O O O O O O O O O O O O O O O O	Percentage of readings wi	th a low residual la	st month:	
Number of Number of The Page	readings with readings with	a low residua no detectable Public Notice	e residual:	ADDITION	Percentage of readings wi	th a low residual la	st month:	0.0 % (6B)
Number of Number of The Page Additiona	readings with readings with a 1 Addendum ( al report(s) for	a low residua no detectable Public Notice Individual file	e residual: es) is not require	ADDITION/	Percentage of readings wi	th a low residual lass	violations reported.	0.0 % (6B)
Number of Number of The Page Additional	readings with readings with a 1 Addendum ( al report(s) for al report(s) for	a low residua no detectable Public Notice individual file individual file	e residual:  es) is not require ter monitoring re	ADDITION/	Percentage of readings with AL REPORTS & WORKS no treatment technique or more more more more more more more	SHEETS onitoring/reporting Filter	violations reported.	0.0 % (6B)
Number of Number of The Page Additiona Additiona No addi	readings with readings with a 1 Addendum ( al report(s) for al report(s) for al report(s) for al report(s) for	a low residua no detectable Public Notice individual file individual file	e residual:  es) is not require ter monitoring re ter monitoring su	ADDITIONAL	Percentage of readings with AL REPORTS & WORKS no treatment technique or mile NONE	SHEETS  onitoring/reporting  Filter  Filter Profile	violations reported.  OFilter Ass	0.0 % (6B)
Number of Number of The Page Additiona Additiona No addi	readings with readings with a 1 Addendum ( al report(s) for al report(s) for	a low residua no detectable Public Notice individual file individual file	e residual:  es) is not require ter monitoring re ter monitoring su	ADDITION	Percentage of readings with AL REPORTS & WORKS no treatment technique or more more more more more more more	SHEETS  onitoring/reporting  Filter  Filter Profile	violations reported.	0.0 % (6B)
Number of Number of The Page Additiona Additiona No addi	readings with readings with a 1 Addendum ( al report(s) for al report(s) for al report(s) for al report(s) for	a low residua no detectable Public Notice individual file individual file	e residual:  es) is not require ter monitoring re ter monitoring su	ADDITIONAL	Percentage of readings with AL REPORTS & WORKS no treatment technique or mile NONE	SHEETS  onitoring/reporting  Filter  Filter Profile	violations reported.  OFilter Ass	0.0 % (6B)
Number of Number of The Page Additiona Additiona No addi	readings with readings with a 1 Addendum ( al report(s) for al report(s) for al report(s) for al report(s) for	a low residua no detectable Public Notice individual file individual file	e residual:  es) is not require ter monitoring re ter monitoring su	ADDITIONAL	Percentage of readings with AL REPORTS & WORKS no treatment technique or mile NONE	SHEETS  onitoring/reporting  Filter  Filter Profile	violations reported.  OFilter Ass	0.0 % (6B)
Number of Number of The Page Additiona Additiona No addi	readings with readings with a 1 Addendum ( al report(s) for al report(s) for al report(s) for al report(s) for	a low residua no detectable Public Notice individual file individual file	e residual:  es) is not require ter monitoring re ter monitoring su	ADDITIONA and because there were a equired: abmitted: P.3-Filter Data	Percentage of readings with AL REPORTS & WORKS no treatment technique or mile NONE	SHEETS  onitoring/reporting  Filter  Filter Profile	violations reported.  OFilter Ass	0.0 % (6B)
Number of Number of The Page Additiona Additiona No addi	readings with readings with a 1 Addendum ( al report(s) for al report(s) for alitional IFE Reportional IFE Rep	a low residua no detectable Public Notice individual file individual file	e residual: es) is not require ter monitoring re ter monitoring su irred this month.	ADDITIONAL	Percentage of readings with AL REPORTS & WORKS no treatment technique or me NONE  NONE  P.4&5-Disinf	SHEETS  onitoring/reporting  Filter  Filter Profile  fection Data	violations reported.  OFilter Ass  OFilter Ass	0.0 % (6B)
Number of Number of The Page Additiona Additiona No addi	readings with readings with a 1 Addendum ( al report(s) for al report(s) for al report(s) for al report(s) for	a low residua no detectable Public Notice individual file individual file	e residual:  es) is not require ter monitoring re ter monitoring su	ADDITIONAL	Percentage of readings with AL REPORTS & WORKS no treatment technique or me NONE  NONE  P.4&5-Disinf  ANALYSIS OF TURBID  3.13 NTU  0.65 NTU	SHEETS  onitoring/reporting  Filter  Filter Profile  fection Data	violations reported.  OFilter Ass	essment CPE CPE (11)
Number of Number of The Page Additiona Additiona No addi	readings with readings with readings with a 1 Addendum ( all report(s) for all report(s) for all report(s) for all dity Data	a low residua no detectable Public Notice individual file individual file	e residual:  es) is not require ter monitoring re ter monitoring su irred this month.  Maximum turbi	ADDITIONAL	Percentage of readings will AL REPORTS & WORKS no treatment technique or me  NONE  P.4&5-Disinf  ANALYSIS OF TURBID  3.13 NTU	SHEETS  onitoring/reporting  Filter  Filter Profile  fection Data	violations reported.  OFilter Ass  Filter Ass  P.6-TOCMOR	0.0 % (6B)  essment
Number of Number of The Page Additiona Additiona No addi	readings with	a low residua no detectable Public Notice individual file individual file	e residual:  es) is not require ter monitoring re ter monitoring su irred this month.  Maximum turbic Minimum turbic 95 <sup>th</sup> percentile v Maximum IFE tu	ADDITIONAL	Percentage of readings will AL REPORTS & WORKS no treatment technique or me NONE  NONE  P.4&5-Disinf  ANALYSIS OF TURBID  3.13 NTU  0.65 NTU  2.57 NTU  0.28 NTU	SHEETS  onitoring/reporting  Filter  Filter Profile  fection Data  Average  Average	violations reported.  OFilter Ass  Filter Ass  P.6-TOCMOR  age turbidity value: dard deviation:  age IFE turbidity value:	0.0 % (6B)  essment  essment (10)  CPE (11)  1.59 NTU  0.522 NTU  0.12 NTU
Number of Number of The Page Additiona Additiona No addi	readings with re	a low residua no detectable Public Notice individual file individual file	e residual:  es) is not require ter monitoring re ter monitoring su ired this month.  Maximum turbic 95 <sup>th</sup> percentile v Maximum IFE tu Minimum IFE tu	ADDITIONAL	Percentage of readings with AL REPORTS & WORKS no treatment technique or me NONE  NONE  P.4&5-Disinf  ANALYSIS OF TURBID  3.13 NTU  0.65 NTU  2.57 NTU  0.28 NTU  0.04 NTU	SHEETS  onitoring/reporting  Filter  Filter Profile  fection Data  Average  Average	violations reported.  OFilter Ass  Filter Ass  P.6-TOCMOR  age turbidity value: dard deviation:	0.0 % (6B)  essment essment (10)  CPE (11)  CPE (11)  1.59 NTU 0.522 NTU
Number of Number of The Page Additiona Additiona No addi	readings with readings for all report(s) for	a low residua no detectable Public Notice individual file individual file	es) is not require ter monitoring re ter monitoring su irred this month.  Maximum turbic Minimum turbic 95 <sup>th</sup> percentile to Minimum IFE tu Minimum IFEtu 95 <sup>th</sup> percentile I	ADDITIONAL	Percentage of readings will AL REPORTS & WORKS no treatment technique or me  NONE  NONE  P.4&5-Disinf  ANALYSIS OF TURBID  3.13 NTU  0.65 NTU  2.57 NTU  0.28 NTU  0.04 NTU  0.24 NTU	SHEETS  onitoring/reporting  Filter  Filter Profile  fection Data  Average Stand	violations reported.  OFilter Ass  Filter Ass  P.6-TOCMOR  age turbidity value: dard deviation:  age IFE turbidity value: dard deviation:	0.0 % (6B)  Desiment OCPE Desiment (10) OCPE (11)  1.59 NTU 0.522 NTU  0.12 NTU 0.055 NTU
Number of Number of The Page Additiona Additiona No addi	readings with report(s) for all report(s	a low residua no detectable Public Notice individual file individual file	e residual:  es) is not require ter monitoring re ter monitoring su ired this month.  Maximum turbic Minimum turbic 95 <sup>th</sup> percentile v Minimum IFE tu 95 <sup>th</sup> percentile I Maximum CFE	ADDITIONA ad because there were required: submitted:  P.3-Filter Data  STATISTICAL dity reading: dity reading: value: urbidity reading: rbidity reading: file value: turbidity reading: turbidity reading:	Percentage of readings with AL REPORTS & WORKS no treatment technique or me NONE  NONE  P.4&5-Disinf  ANALYSIS OF TURBID  3.13 NTU  0.65 NTU  2.57 NTU  0.28 NTU  0.24 NTU  0.18 NTU	SHEETS  onitoring/reporting  Filter  Filter Profile  fection Data  Average  Average	violations reported.  OFilter Ass  Filter Ass  P.6-TOCMOR  age turbidity value: dard deviation:  age IFE turbidity value: dard deviation:	0.0 % (6B)  essment  essment (10)  CPE  CPE (11)  1.59 NTU  0.522 NTU  0.055 NTU  0.11 NTU
Number of Number of The Page Additiona Additiona No addi	readings with readings for all report(s) for	a low residua no detectable Public Notice individual file individual file	e residual:  es) is not require ter monitoring re ter monitoring su ired this month.  Maximum turbic Minimum turbic 95 <sup>th</sup> percentile v Minimum IFE tu 95 <sup>th</sup> percentile I Maximum CFE	ADDITIONAL	Percentage of readings will AL REPORTS & WORKS no treatment technique or me  NONE  NONE  P.4&5-Disinf  ANALYSIS OF TURBID  3.13 NTU  0.65 NTU  2.57 NTU  0.28 NTU  0.04 NTU  0.24 NTU	SHEETS  onitoring/reporting  Filter  Filter Profile  fection Data  Average  Average	violations reported.  OFilter Ass  Filter Ass  P.6-TOCMOR  age turbidity value: dard deviation:  age IFE turbidity value: dard deviation:	0.0 % (6B)  Desiment OCPE Desiment (10) OCPE (11)  1.59 NTU 0.522 NTU  0.12 NTU 0.055 NTU
Number of Number of The Page Additiona Additiona No addi	readings with readings for all report(s) for	a low residua no detectable Public Notice individual file individual file	e residual:  es) is not require ter monitoring re ter monitoring su ired this month.  Maximum turbic Minimum turbic 95 <sup>th</sup> percentile v Minimum IFEtu 95 <sup>th</sup> percentile I Maximum CFE t Minimum CFE t	ADDITIONA ad because there were required: submitted:  P.3-Filter Data  STATISTICAL dity reading: dity reading: value: urbidity reading: tribidity reading: turbidity reading: turbidity reading: turbidity reading: critical reading: turbidity reading: turbidity reading: turbidity reading: critical reading: turbidity reading: turbidity reading: critical reading: critical reading: turbidity reading: critical reading: turbidity reading: critical reading:	Percentage of readings will AL REPORTS & WORKS no treatment technique or me  NONE  NONE  P.4&5-Disinf  2.57 NTU  0.65 NTU  2.57 NTU  0.28 NTU  0.04 NTU  0.18 NTU  0.18 NTU  0.18 NTU	SHEETS  onitoring/reporting  Filter  Filter Profile  fection Data  Average Stand	violations reported.  OFilter Ass  Filter Ass  P.6-TOCMOR  age turbidity value: dard deviation:  age IFE turbidity value: dard deviation:	0.0 % (6B)  essment  essment (10)  CPE  CPE (11)  1.59 NTU  0.522 NTU  0.055 NTU  0.11 NTU
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Number of Number of The Page Additiona Additiona No addi	readings with readings for all report(s) for	a low residue no detectable Public Notice Individual filt Individual filt ports are requ	e residual:  es) is not require ter monitoring re ter monitoring su ired this month.  Maximum turbic Minimum turbic 95 <sup>th</sup> percentile v Minimum IFEtu 95 <sup>th</sup> percentile I Maximum CFE t Minimum CFE t	ADDITIONA ad because there were required: submitted:  P.3-Filter Data  STATISTICAL dity reading: dity reading: value: urbidity reading: tribidity reading: turbidity reading: turbidity reading: cFE value: starbidity reading: cFE value: STATIST eading:	Percentage of readings with AL REPORTS & WORKS no treatment technique or me NONE  NONE  P.4&5-Disinf  P.4&5-Disinf  ANALYSIS OF TURBID  3.13 NTU  0.65 NTU  2.57 NTU  0.28 NTU  0.04 NTU  0.24 NTU  0.18 NTU  0.18 NTU  0.16 NTU	SHEETS  onitoring/reporting  Filter  Filter Profile  fection Data  Avera Stand  Avera Stand  DATA  Avera	violations reported.  OFilter Ass  Filter Ass  P.6-TOCMOR  age turbidity value: dard deviation:  age IFE turbidity value: dard deviation:	0.0 % (6B)  essment essment (10)  CPE  CPE (11)  1.59 NTU  0.522 NTU  0.12 NTU  0.055 NTU  0.11 NTU  0.023 NTU

SURFACE WATER MONTHLY OPERATING REPORT

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

SYSTEM NAME: GULF COAST WATER AUTHORITY TX CITY  OR NUMBER: SWTP - THOMAS MACKEY WTP - BRAZOS  I certify that I am familiar with the information contained in this report and that, to the best or my infowledge, the information is true, complete, and accurate.  Plant ID No.: 14813  Operator's Signature:	
Countries Countries Countries	
Plant ID No: Operator's Signature:	
14013	
Report for the Month of: December 2023 Certificate No. & Grade: WO00943519, A Date: January 9, 2024	
	and the second
TREATMENT PLANT PERFORMANCE  Total number of Abour periods when plant was off-line:	
Total fulliber of turbusy featings.	1
Number of readings above 0.10 NTU:  Number of readings above 0.3 NTU:  Number of readings above 0.3 NTU:  Number of readings above 0.3 NTU:  Number of 4-hour periods when plant was off-line:  but turbidity data was not collected:  0	1
Number of readings above 0.5 NTU:  0 Number of days when plant was on-line  Number of readings above 0.5 NTU:  0 Number of days when plant was not collected:	•
Number of readings above 1.0 NTO.	2)
Maximum allowable turbidity level:  0.3 Number of days with readings above 1.0 NTU:  0   2   Percentage of readings above this limit:  0.0   (1) Number of days with readings above 5.0 NTU:  0   (2)	0
Number of days with a low CT  for no more than 4.0 consecutive hours:  O Average log inactivation for Glardia:  Average log inactivation for viruses:  81.94	
Number of days with a low CT Number of days when profiling data was not collected: 0	
for more than 4.0 consecutive hours:  0 (4) Number of days when CT data was not collected:  0	
Minimum disinfectant residual required leaving the plant:  0.5 mg/L, measured as Total Chlorine	
Number of days with a low residual Minimum pH in the last disinfection zone: 7.14	
for no more than 4.0 consecutive hours:  0 Number of days with pH below 7.0 in the last disinfection zone:  0.00	
Number of days with a low residual Number of days when disinfectant residual for more than 4.0 consecutive hours: 0 (5) leaving the plant was not properly monitored: 0	
for more than 4.0 consecutive hours:  0 (5) leaving the plant was not properly monitored:  0	
DISTRIBUTION SYSTEM	
Minimum disinfectant residual required in distribution system:  0.5 mg/L, measured as Total Chlorine	
Total number of readings this month: 186 (at least 180 required) (8)  Average disinfectant residual value: 3.04 Percentage of readings with a low residual this month: 0.0 %	(6A)
Average disinfectant residual value:  Number of readings with a low residual:  O  Percentage of readings with a low residual this month:  0.0] %	, (67-4)
Number of readings with no detectable residual: 0 Percentage of readings with a low residual last month: 0.0 %	
Humber of readings with no accessable residual.	(6B)
	(6B)
ADDITIONAL REPORTS & WORKSHEETS	(6B)
ADDITIONAL REPORTS & WORKSHEETS  The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.	
ADDITIONAL REPORTS & WORKSHEETS  The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.  Additional report(s) for individual filter monitoring required:    NONE  Filter  Filter Assessment	O CPE
ADDITIONAL REPORTS & WORKSHEETS  The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.	
ADDITIONAL REPORTS & WORKSHEETS  The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.  Additional report(s) for individual filter monitoring required:  Additional report(s) for individual filter monitoring submitted:  No additional IFE Reports are required this month.	O CPE
ADDITIONAL REPORTS & WORKSHEETS  The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.  Additional report(s) for individual filter monitoring required:  Additional report(s) for individual filter monitoring submitted:  No additional IFE Reports are required this month.  P.2-Turbidity Data  P.4-S-Disinfection Data  P.6-TOCMOR	O CPE
ADDITIONAL REPORTS & WORKSHEETS  The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.  Additional report(s) for individual filter monitoring required:  Additional report(s) for individual filter monitoring submitted:  No additional IFE Reports are required this month.  P.2-Turbidity Data  P.4-S-Disinfection Data  P.6-TOCMOR	O CPE
ADDITIONAL REPORTS & WORKSHEETS  The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.  Additional report(s) for individual filter monitoring required:  Additional report(s) for individual filter monitoring submitted:  No additional IFE Reports are required this month.	O CPE
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ADDITIONAL REPORTS & WORKSHEETS  The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.  Additional report(s) for individual filter monitoring required:  Additional report(s) for individual filter monitoring submitted:  No additional IFE Reports are required this month.  P.2-Turbidity Data  P.3-Filter Data  P.4&5-Disinfection Data  P.6-TOCMOR	○ CPE (11)
ADDITIONAL REPORTS & WORKSHEETS  The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.  Additional report(s) for individual filter monitoring required:  Additional report(s) for individual filter monitoring submitted:  No additional IFE Reports are required this month.  P.2-Turbidity Data  P.3-Filter Data  P.4-85-Disinfection Data  P.6-TOCMOR  Statical  Maximum turbidity reading:  2.49 NTU  Average turbidity value:  1.10 NTU  Standard deviation:  0.438 NTU	CPE (11)
ADDITIONAL REPORTS & WORKSHEETS  The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.  Additional report(s) for individual filter monitoring required:  Additional report(s) for individual filter monitoring submitted:  No additional IFE Reports are required this month.  P.2-Turbidity Data  P.3-Filter Data  P.4&5-Disinfection Data  P.6-TOCMOR   Settled Water Stastical Summary  Maximum turbidity reading: Standard deviation:  1.10 NT Standard deviation:  1.20 NTU Standard deviation:  Standard deviation:  Additional report(s) for individual filter monitoring required:  NONE Filter Profile OFilter Assessment (10)  P.4-TOCMOR  STATISTICAL ANALYSIS OF TURBIDITY DATA  Settled Water Stastical Summary  Minimum turbidity reading: 0.37 NTU Standard deviation: 0.488 NTU	CPE (11)
ADDITIONAL REPORTS & WORKSHEETS  The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.  Additional report(s) for individual filter monitoring required:  Additional report(s) for individual filter monitoring submitted:  No additional IFE Reports are required this month.  P.2-Turbidity Data  P.3-Filter Data  P.4&5-Disinfection Data  P.6-TOCMOR   Settled Water Stastical Summary  Maximum turbidity reading: Summary  Settled Water Stastical Summary  IFE  Maximum IFE turbidity reading: 0.28  NTU  Average turbidity value: 1.10  NTU  Average IFE turbidity value: 0.12  NTU	CPE (11)  CPE (11)  TU
ADDITIONAL REPORTS & WORKSHEETS  The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.  Additional report(s) for individual filter monitoring required:  Additional report(s) for individual filter monitoring submitted:  No additional IFE Reports are required this month.  P.2-Turbidity Data  P.3-Filter Data  P.4&5-Disinfection Data  P.6-TOCMOR  Settled Water Stastical Summary  Maximum turbidity reading:  Standard deviation:  Standard deviation:  Standard deviation:  Additional report(s) for individual filter monitoring required:  NONE  Filter Profile  Filter Profile  Filter Assessment (10)  Filter Profile  Filter Profile  Filter Profile  Filter Profile  Filter Profile  Filter Assessment (10)  Filter Profile  Filter Assessment (10)  Filter Assessment (10)  Filter Assessment (10)  Filter Assessment (10)	CPE (11)  CPE (11)  TU
ADDITIONAL REPORTS & WORKSHEETS  The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.  Additional report(s) for individual filter monitoring required:  Additional report(s) for individual filter monitoring submitted:  No additional IFE Reports are required this month.  P.2-Turbidity Data  P.3-Filter Data  P.4-45-Disinfection Data  P.4-Turbidity Pating  P.4-	CPE (11)  TU  TU  TU
ADDITIONAL REPORTS & WORKSHEETS  The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.  Additional report(s) for individual filter monitoring required:  Additional report(s) for individual filter monitoring submitted:  No additional IFE Reports are required this month.  P.2-Turbidity Data  P.3-Filter Data  P.485-Disinfection Data  P.6-TOCMOR   Settled Water Stastical  Minimum turbidity reading:  Summary  Settled Water Stastical  Summary  Settled Water Stastical  Minimum IFE turbidity reading:  Stastical  Summary  Settled Water Stastical  Minimum IFE turbidity reading:  Stastical  Summary  Settled Water Stastical  Minimum IFE turbidity reading:  Stastical  Summary  Settled Water Stastical  Minimum IFE turbidity reading:  Stastical  Summary  Settled Water Stastical  Minimum IFE turbidity reading:  Stastical  Summary  Settled Water Stastical  Minimum IFE turbidity reading:  Stastical  Summary  Settled Water Stastical  Minimum IFE turbidity reading:  Stastical  Minimum IFE turbidity reading:  Settled Water Standard deviation:	CPE (11)  CPE (11)  TU  TU  TU
ADDITIONAL REPORTS & WORKSHEETS  The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.  Additional report(s) for individual filter monitoring required: Additional report(s) for individual filter monitoring submitted: No additional IFE Reports are required this month.  P.2-Turbidity Data  P.3-Filter Data  P.4-85-Disinfection Data  P.6-TOCMOR   Settled Water Stastical Summary  Settled Water Stastical Summary  Settled Water Stastical Summary  Stastical Summary  Stastical Minimum turbidity reading: Stastical Minimum IFE turbidity reading: Stastical Minimum IFE turbidity reading: Stastical Summary  Standard deviation:  Standard deviat	CPE (11)  CPE (11)  TU  TU  TU
ADDITIONAL REPORTS & WORKSHEETS  The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.  Additional report(s) for individual filter monitoring required:  Additional report(s) for individual filter monitoring submitted:  No additional IFE Reports are required this month.  P.2-Turbidity Data  P.3-Filter Data  P.485-Disinfection Data  P.6-TOCMOR   Settled Water Stastical Summary  Summary  Settled Water Stastical Summary  IFE Maximum turbidity reading:  Stastical Summary  P.5th percentile value:  Stastical Summary  Stastical Summary  P.6-TOCMOR  Standard deviation:  Standard deviation:  Standard deviation:  Standard deviation:  Standard deviation:  Standard deviation:  O.12 NTU  Standard deviation:  O.058 NTU  CFE Maximum (FE turbidity reading:  O.058 NTU  Standard deviation:  O.059 NTU  Standard deviation:  O.050 NTU  Standard deviation:  O.050 NTU  Standard deviation:  O.050 NTU	CPE (11)  TU  TU  TU  TU  TU
ADDITIONAL REPORTS & WORKSHEETS  The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.  Additional report(s) for individual filter monitoring required: Additional report(s) for individual filter monitoring submitted: No additional IFE Reports are required this month.  P.2-Turbidity Data  P.3-Filter Data  P.4-85-Disinfection Data  P.6-TOCMOR   Settled Water Stastical Summary  Settled Water Stastical Summary  Settled Water Stastical Summary  Stastical Summary  Stastical Minimum turbidity reading: Stastical Minimum IFE turbidity reading: Stastical Minimum IFE turbidity reading: Stastical Summary  Standard deviation:  Standard deviat	CPE (11)  TU  TU  TU  TU  TU

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

## **Texas Department of State Health Services**

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

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\*ALL MINERALS **Analysis Report** 

Submitter Identification Number: 0840153

**GULF COAST WATER AUTHORITY TX CITY** 

JONES, RUSSELL, C 3630 HIGHWAY 1765

TEXAS CITY, TX 775914824

Date Reported: 02/28/2024

Report ID#: 20240228085831AG29201

Lab Sample ID#: AG29201 Sample Priority: NORMAL

Water Source:

Date Collected: 02/16/2023 08:46

Entry Point(s): EP001

Date Received: 02/17/2023

TCEQ ID#(s): 2316910

Sample Cond.: Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Field pH Result	7.9	pН			
Diluted Conductance @ 25.0 °C 1	483	µmho/cm	SM 2510 B	02/22/2023 08:52	FL
Phenolphthalein Alkalinity as CaCO3	<10	mg/L	SM 2320B	02/23/2023 07:57	ME
Total Alkalinity as CaCO3	110	mg/L	SM 2320B	02/23/2023 07:57	ME
Bicarbonate	134	mg/L	SM 2320B	02/23/2023 07:57	ME
Carbonate	<10	mg/L	SM 2320B	02/23/2023 07:57	ME
Fluoride <sup>1</sup>	0.19	mg/L	EPA 300.0	02/17/2023 18:19	NP
Chloride <sup>1</sup>	51	mg/L	EPA 300.0	02/17/2023 18:19	NP
Sulfate 1	43	mg/L	EPA 300.0	02/17/2023 18:19	NP
Total Dissolved Solids <sup>1</sup>	275	mg/L	SM 2540C	02/17/2023 12:10	FL
Nitrate as N ¹	0.99	mg/L	EPA 353.2	02/17/2023 15:20	MD

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 02/28/2023



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## 1100 W. 49th St., Austin, Tx. 78756 (512)458-7587 Semivolatiles Organic **Analysis Report**

Lab Copy/Reprint

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY JONES, RUSSELL, C 3630 HIGHWAY 1765 TEXAS CITY, TX 775914824

Date Reported: 02/28/2024

Report ID#: 20240228085832AG29450

Lab Sample ID#: AG29450 Sample Priority: NORMAL Water Source: Entry Point(s): EP001

Date Received: 02/17/2023

Date Collected: 02/16/2023 08:45

Conc. Units: µg/L Method: EPA 525.2

TCEQ ID#(s): 2309098

Date Analyzed: 02/27/2023

Analyst: KP Extraction Date: 02/24/2023 Sample Cond.: Acceptable

Regulated Compounds	Result	Qualifier	Monitored Compounds continued	Result Qualifier
Alachlor <sup>1</sup>	<0.2		Dimethylphthalate	<2.0
Atrazine 1	0.12	Ν	Fluorene	<0.20
Benzo[a]pyrene ¹	< 0.02		2,2',3,3',4,4',6-Heptachlorobiphenyl	< 0.50
alpha-Chlordane	<0.2		2,2',4,4',5,6'-Hexachlorobiphenyl	<0.20
gamma-Chlordane	<0.2		Indeno[1,2,3-cd]pyrene	<0.20
trans-Nonachlor	<0.2		Metolachlor	<0.20
Di(2-ethylhexyl) adipate 1	<0.6		Metribuzin	<0.20
Di(2-ethylhexyl) phthalate <sup>1</sup>	< 0.6		Naphthalene	<0.20
Heptachlor 1	< 0.04		2,2',3,3',4,5',6,6'-Octachlorobiphenyl	<0.50
Hexachlorobenzene 1	< 0.1		2,2',3',4,6-Pentachlorobiphenyl	<0.20
Hexachlorocyclopentadiene 1	< 0.1	*	Phenanthrene	<0.20
Lindane 1	< 0.02		Propachlor	<0.20
Methoxychlor 1	< 0.1		Pyrene	<0.20
Simazine <sup>1</sup>	0.07	N	2,2',4,4'-Tetrachlorobiphenyl	<0.20
Monitored Compounds	Result	Qualifier	2,4,5-Trichlorobiphenyl	<0.20
Acenaphthene	<0.20		Trifluralin	<0.20
Acenaphthylene	<0.20		Tentatively Identified Compound:	Result Qualifier
Aldrin	<0.20	*	HEXADECANOIC ACID	12
Anthracene	<0.20		OCTADECANOIC ACID	11
Benzo(a)anthracene	<0.20		Tentative identification of the largest non-target pe	aks is provided by
Benzo[b]fluoranthene	<0.20		comparison with the EPA/NIH mass spectral librar	
Benzo[g,h,i]perylene	<0.20		quantitation is performed using internal standards response factor of one.	and an assumed
Benzo[k]fluoranthene	<0.20		Comments:	
Bromacil	<0.20		N - See sample comments.	
Butachlor	<0.20		<ul> <li>This analyte has known instability and/or performance issues and quantitation should</li> </ul>	
Butylbenzylphthalate	<2.0		approximate.	pe considered
2-Chlorobiphenyl	< 0.20		EPA Method 525.2-Presence of Simazin	e and Atrazine
Chrysene	< 0.20		confirmed by previous analyses per the	
Dibenz[a,h]anthracene	< 0.20		Watch website. The test results on this r the sample identified on this report. The	
Di-n-butylphthalate	<2.0		analytes noted(1) meet all TNI (2016 Star	
2,3-Dichlorobiphenyl	< 0.20		Authorized by Team Lead AVINYARD	
Dieldrin	< 0.20			
Diethylphthalate	<2.0			



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Pesticides by Method 508.1 Analysis Report

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY JONES, RUSSELL, C 3630 HIGHWAY 1765

TEXAS CITY, TX 775914824

Date Reported: 02/28/2024

Report ID#: 20240228085832AG29450

Lab Sample ID#: AG29450

TCEQ ID#(s): 2309098

Water Source :

Date Collected: 02/16/2023 08:45

6/2023 08:45 Conc. Units: ug/L

Sample Priority: NORMAL Entry Point(s): EP001

Date Received: 02/17/2023 Date Analyzed: 03/01/2023 Method: 508.1 Rev. 2.0

Analyst: JH

Sample Cond. : Acceptable

Regulated Compounds	Result Qualifier
Chlordane 1	<0.2
Endrin <sup>1</sup>	< 0.01
Heptachlor epoxide 1	<0.02
Toxaphene 1	<1.
Screened Compounds	Result Qualifier

Heptachior epoxide	<0.02
Toxaphene 1	<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
Aroclor 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 Wate 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 AVINYARD on 04/05/2023



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## Trihalomethanes by GC/MS **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: 02/28/2024

Report ID#: 20240228085832AG45842

Lab Sample ID#: AG45842 Sample Priority: NORMAL Water Source:

Date Collected: 06/23/2023 10:11

Conc. Units: µg/L Method: EPA 524.2

TCEQ ID#(s): 2353001

Entry Point(s): DBP2-01

Date Received: 06/27/2023 Date Analyzed: 06/29/2023

Analyst: AK Sample Cond.: Acceptable

Trihalomethanes	Result Qualifier
Chloroform	27.4
Bromodichloromethane	26.6
Dibromochloromethane	15.0
Bromoform	1.6
Total Trihalomethanes 1	70.6
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 Group Manager TDUNN on 08/02/2023



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**EPA 552.2 Haloacetic Acids Analysis Report** 

Submitter Identification Number: 0840153

**GULF COAST WATER AUTHORITY TX CITY** MATLOCK, BRAD 4243 EMMETT F LOWRY EXPY TEXAS CITY, TX 775912629

Date Reported: 02/28/2024

Report ID#: 20240228085832AG45842

Lab Sample ID#: AG45842

Water Source:

Date Collected: 06/23/2023 10:11

Conc. Units: µg/L

Sample Priority: NORMAL

Entry Point(s): DBP2-01

Date Received : 06/27/2023 Date Analyzed: 06/30/2023 Method: 552.2 Rev 1.0

TCEQ ID#(s): 2353001

Analyst: TS Extraction Date: 06/28/2023 Sample Cond.: Acceptable

Regulated Compounds	Result Qualifier
Monochloroacetic acid	<2.0
Dichloroacetic acid	11.2
Trichloroacetic acid	8.1
Monobromoacetic acid	<1.0
Dibromoacetic acid	2.9
Total HAA5 1	22.2
Monitored Compounds	Result Qualifier
Bromochloroacetic acid	7.1
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 Group Manager TDUNN on 08/02/2023

# TEXAS Department of State Health Services

## **Texas Department of State Health Services**

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# \*ALL METALS Analysis Report

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY JONES, RUSSELL, C 3630 HIGHWAY 1765

TEXAS CITY, TX 775914824

Date Reported: 02/28/2024

Report ID#: 20240228085832AG29246

Lab Sample ID#: AG29246 Sample Priority: NORMAL Water Source : Entry Point(s) : EP001 Date Collected: 02/16/2023 08:46 Date Received: 02/17/2023

TCEQ ID#(s): 2314111

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Acidification	Completed		EPA 200.2	02/17/2023	TH
pH Check	Completed		EPA 200.2	02/21/2023	BF
Turbidity Screen	Completed		SM 2130B	02/21/2023	BF
Visible Particles	Completed			02/21/2023	BF
Total Hardness as CaCO3 by	127	mg/L	SM 2340B	02/21/2023	TH
Calculation					
Aluminum <sup>1</sup>	< 0.0200	mg/L	EPA 200.8	02/27/2023	KL
Antimony 1	< 0.0010	mg/L	EPA 200.8	02/27/2023	KL
Arsenic <sup>1</sup>	< 0.0020	mg/L	EPA 200.8	02/27/2023	KL
Barium <sup>1</sup>	0.0835	mg/L	EPA 200.8	02/27/2023	KL
Beryllium <sup>1</sup>	< 0.00080	mg/L	EPA 200.8	02/27/2023	KL
Cadmium <sup>1</sup>	< 0.0010	mg/L	EPA 200.8	02/27/2023	KL
Calcium	38.1	mg/L	EPA 200.7	02/21/2023	TH
Chromium <sup>1</sup>	< 0.0100	mg/L	EPA 200.8	02/27/2023	KL.
Copper <sup>1</sup>	0.0148	mg/L	EPA 200.8	02/27/2023	KL
Iron 1	< 0.010	mg/L	EPA 200.7	02/21/2023	TH
Lead ¹	< 0.0010	mg/L	EPA 200.8	02/27/2023	KL
Magnesium ¹	7.66	mg/L	EPA 200.7	02/21/2023	TH
Manganese 1	< 0.0010	mg/L	EPA 200.8	02/27/2023	KL
Mercury <sup>1</sup>	< 0.00040	mg/L	EPA 245.1	02/24/2023	BF
Nickel 1	0.0021	mg/L	EPA 200.8	02/27/2023	KL
Potassium ¹	5.85	mg/L	EPA 200.7	02/21/2023	TH
Selenium <sup>1</sup>	< 0.0030	mg/L	EPA 200.8	02/27/2023	KL
Silver <sup>1</sup>	< 0.0100	mg/L	EPA 200.8	02/27/2023	KL
Sodium <sup>1</sup>	40.2	mg/L	EPA 200.7	02/21/2023	TH
Thallium <sup>1</sup>	< 0.00040	mg/L	EPA 200.8	02/27/2023	KL
Zinc ¹	0.132	mg/L	EPA 200.8	02/27/2023	KL

Comments:

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

Authorized by Group Manager HNGO on 03/20/2023



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

# Volatile Organic Compounds by GC/MS Analysis Report

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Submitter Identification Number: 0840153

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

Date Reported: 02/28/2024

Report ID#: 20240228085832AG48515

Lab Sample ID#: AG48515

Water Source:

Date Collected : 07/13/2023 12:30 Date Received : 07/14/2023 Conc. Units: μg/L Method: EPA 524.2

Sample Priority: NORMAL

Entry Point(s): EP001

Date Analyzed: 07/19/2023

Analyst: CJ

TCEQ ID#(s): 2306914

Chloroethane

4-Chlorotoluene

Bromobenzene

2,2-Dichloropropane 2-Chlorotoluene

cis-1,3-Dichloropropene

trans-1,3-Dichloropropene

10EQ 15#(3) . 2300014			Sample Con	d.: Acceptal
Regulated Cmpds.[40 CFR 141.6	Result Qualifier	Monitored Cmpds.[40 CFR 141.40	Result	Qualifier
Benzene 1	<0.5	1,2,4-Trimethylbenzene	<1.0	
Carbon tetrachloride 1	<0.5	1,2,3-Trichlorobenzene	<1.0	
Monochlorobenzene 1	<0.5	n-Propylbenzene	<1.0	
o-Dichlorobenzene 1	<0.5	n-Butylbenzene	<1.0	
para-Dichlorobenzene 1	<0.5	Naphthalene	<1.0	
1,2-Dichloroethane 1	< 0.5	Hexachlorobutadiene	<1.0	
1,1-Dichloroethylene 1	<0.5	1,3,5-Trimethylbenzene	<1.0	
cis-1,2-Dichloroethylene 1	<0.5	4-Isopropyltoluene	<1.0	
trans-1,2-Dichloroethylene 1	<0.5	Isopropylbenzene	<1.0	
1,2-Dichloropropane 1	<0.5	t-Butylbenzene	<1.0	
Dichloromethane 1	< 0.5	s-Butylbenzene	<1.0	
Ethylbenzene 1	< 0.5	Trichlorofluoromethane	<2.0	
Styrene <sup>1</sup>	< 0.5	Dichlorodifluoromethane	<2.0	
Tetrachloroethylene 1	< 0.5	Bromochloromethane	<1.0	
Toluene 1	<0.5	Other Compounds	Result	Qualifier
1,2,4-Trichlorobenzene 1	< 0.5		-10	,
1,1,1-Trichloroethane 1	< 0.5	Acetone	<10	
1,1,2-Trichloroethane 1	< 0.5	Acrylonitrile	<10	
Trichloroethylene 1	< 0.5	2-Butanone (MEK)	<10	
Vinyl chloride <sup>1</sup>	<0.5	Carbon disulfide	<1.0	N
Xylenes (total) 1	<0.5	Ethyl methacrylate	<1.0	
Monitored Cmpds.[40 CFR 141.40	Result Qualifier	2-Hexanone	<1.0	
		Iodomethane	<5.0	
Chloroform	14	Methyl methacrylate	<1.0	
Bromodichloromethane	22	4-Methyl-2-pentanone (MIBK)	<2.0	
Dibromochloromethane	20	Methyl-t-butyl ether (MTBE)	<0.5	
Bromoform	3.8	Tetrahydrofuran	<5.0	
Dibromomethane	<1.0	Comments:		
1,3-Dichlorobenzene	<1.0	N - See sample comments.		
1,1-Dichloropropene	<1.0	EPA Method 524.2: Carbon disulfid	e ICV recover	does not
1,1-Dichloroethane	<1.0	meet method specifications. The tes		
1,1,2,2-Tetrachloroethane	<1.0	relate only to the sample identified of		
1,3-Dichloropropane	<1.0	results for analytes noted(1) meet al		
Chloromethane	<2.0	requirements.	1141 (2010 01	aridaraj
Bromomethane	<2.0	State Total Company of Company of Company of Company	NAOIZI 0011	1/0000
1,2,3-Trichloropropane	<1.0	Authorized by Chemist III TBORC	JWSKI on 09/14	1/2023
1,1,1,2-Tetrachloroethane	<1.0			
Olalanastlasas	~2 N			

< 2.0

<1.0

<1.0 <1.0

<1.0

<1.0



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## **\*SINGLE MINERAL Analysis Report**

Submitter Identification Number: 0840153

**GULF COAST WATER AUTHORITY TX CITY** JONES, RUSSELL, C 3630 HIGHWAY 1765

TEXAS CITY, TX 775914824

Date Reported: 02/28/2024

Report ID#: 20240228085832AG29214

Lab Sample ID#: AG29214

Water Source :

Entry Point(s): EP001

Date Collected: 02/16/2023 08:46

Sample Priority: NORMAL

TCEQ ID#(s): 2331040

Date Received: 02/17/2023

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Total Cyanide 1	0.07	mg/L	10-204-00-1-X	02/23/2023 12:24	AD

#### Comments:

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

Authorized by Team Lead NPATEL on 02/27/2023