

# **Consumer Confidence Report 2022**





### **CCR Summary Data 2022**

	20	2022 Turbidity Summary				
Month	Highest NTU	Average NTU	% Samples < 0.3 NTU			
January	0.14	0.06	100.0%			
February	0.53	0.14	99.4%			
March	0.33	0.13	100.0%			
April	0.34	0.14	100.0%			
May	0.14	0.10	100.0%			
June	0.32	0.13	100.0%			
July	0.26	0.17	100.0%			
August	0.21	0.13	100.0%			
September	0.19	0.09	100.0%			
October	0.14	0.11	100.0%			
November	0.10	0.07	100.0%			
December	0.16	0.08	100.0%			
Average	0.10	0.06				
Maximum	0.53	0.17				
Minimum	0.24	0.11	· ·			

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



### **CCR Summary Data 2022**

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

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

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

PUBLIC WATER SYSTEM NAME:	GULF COAST WATER	AUTHORITY TX CITY	PLANT NAME OR NUMBER:	SWTP - THOMAS MAC	
PWS ID No.: Plant ID No.:	0840153 14813	Operator's Signature:	I certify that am familiar with the inform to the best of myknowledge, the information of		
Report for the Month of:	January 2022	Certificate No. & Grad	e: WO0041290, A	Date:	February 8, 2022
		TREATM	ENT PLANT PERFORMANCE		
Total number o	f turbidity readings:	186	Number of 4-hour periods when plant v	vas off-line:	0
and the second s	lings above 0.10 NTU:	2	Number of 4-hour periods when plant v but turbidity data was not collected:	vas on-line	0
	lings above 0.3 NTU: lings above 0.5 NTU:		Number of days when plant was on-line	9	
	ings above 1.0 NTU:	0	but individual filter turbidity data was n		0
Maximum allow	able turbidity level:	0.3	Number of days with readings above 1.	0 NTU:	0 (2)
Percentage of r	eadings above this limit	: 0.0 % (1)	Number of days with readings above 5.	0 NTU:	0 (3)
Number of days	with a low CT n 4.0 consecutive hours	: 0	Average log inactivation for Giardia: Average log inactivation for viruses:		<u>1.97</u> 64.61
Number of days		Annual Control of the	Number of days when profiling data wa	s not collected:	0
	.0 consecutive hours:	0 (4)	Number of days when CT data was not	collected:	0
Minimum disinf	ectant residual required	leaving the plant:	0.5 mg/L, measured as Total Chlo	orine	
Number of days	with a low residual		Minimum pH in the last disinfection zor	ne:	7.10
for no more tha	n 4.0 consecutive hours	0	Number of days with pH below 7.0 in th	e last disinfection zone:	0.00
	with a low residual		Number of days when disinfectant resid		0
for more than 4	.0 consecutive hours:	0 (5)	leaving the plant was not properly mon	itored:	0
		DI	STRIBUTION SYSTEM		
	ctant residual required in		0.5 mg/L, measured as Total Chlo	rine	
	eadings this month:	***************************************	0 required) (8)  Percentage of readings with a low residence.	fuel this month:	0.0 % (6A)
	ant residual value: gs with a low residual:	3.12	reicentage of readings with a low resid	idal tilis month.	0.0] /0 (0.1)
	gs with no detectable re	***************************************	Percentage of readings with a low resid	lual last month:	0.0 % (6B)
		ADDITIONA	AL REPORTS & WORKSHEETS		
The Page 1 Add	lendum (Public Notices)	is not required because there were r	o treatment technique or monitoring/repo	orting violations reported.	
	rt(s) for individual filter		NONE O Filter Profile	O Filter Assessment	○ CPE
Additional repo	rt(s) for individual filter	monitoring submitted:	NONE O Filter Profile (9)	O Filter Assessment (10	o) O CPE (11)
No additional	IFE Reports are required	d this month.			
Barren and the control of the contro		OTATIOTICAL	ANALYSIS OF TURRIDITY DATA		
			ANALYSIS OF TURBIDITY DATA	A turbiditu udum	0.38 NTU
ACMILETON DESIGN	KOOKE SAROWAN AND AND AND AND AND AND AND AND AND A	aximum turbidity reading: inimum turbidity reading:	1.65 NTU 0.10 NTU	Average turbidity value: Standard deviation:	0.35 NTU
11200000000000000		<sup>th</sup> percentile value:	0.77 NTU		
	IFE M	aximum IFE turbidity reading:	0.23 NTU	Average IFE turbidity value:	0.07 NTU
10000000000000000000000000000000000000	stical M	inimum IFEturbidity reading: th percentile IFE value:	0.04 NTU 0.13 NTU	Standard deviation:	0.032 NTU
3.0909EXH02730H	nmary 95				

SURFACE WATER MONTHLY OPERATING REPORT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

0.06 NTU

0.011 NTU

7.22 pH

0.054 pH

Average CFE turbidity value:

Standard deviation:

Average pH value:

Standard deviation:

WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155) P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

0.14 NTU

0.04 NTU

0.08 NTU

7.30 pH

7.10 pH

7.30 pH

STATISTICAL ANALYSIS OF pH DATA

Maximum CFE turbidity reading:

Minimum CFE turbidity reading: 95<sup>th</sup> percentile CFE value:

Maximum pH reading:

Minimum pH reading:

95<sup>th</sup> percentile value:

CFE

Stastical

Summary

Last Zone pH

Stastical

Summary

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

PUBLIC WATER		PLANT NAME		
SYSTEM NAME: GULF COAST WATER AUTHORITY	TX CITY	OR NUMBER:	SWTP - THOMAS MAC	
DIMO ID N		I certify that I am familiar with the inform to the best of my knowledge, the inform	mation contained in this report and the	nat, e.
PWS ID No.: 0840153	Otoda Simotura	William /	( Mun)	
Plant ID No.: 14813	Operator's Signature:	- Care Car	* Jun	
the Month of: February 2022	Certificate No. & Grade:	WO0041290, A	Date:	March 8, 2022
	TREATMEN	T PLANT PERFORMANCE		
Total number of turbidity readings:	168 N	umber of 4-hour periods when plant	was off-line:	0
Number of readings above 0.10 NTU:	144 N	umber of 4-hour periods when plant	was on-line	
Number of readings above 0.3 NTU:		ut turbidity data was not collected:		0
Number of readings above 0.5 NTU:		umber of days when plant was on-lin		0
Number of readings above 1.0 NTU:		ut individual filter turbidity data was		
Maximum allowable turbidity level:		umber of days with readings above	1.0 NTU:	0 (2)
Percentage of readings above this limit:	0.6 % (1) N	umber of days with readings above !	5.0 NTU:	0 (3)
Number of days with a low CT	A	verage log inactivation for Giardia:		2.17
for no more than 4.0 consecutive hours:	0 A	verage log inactivation for viruses:		58.54
Number of days with a low CT		umber of days when profiling data w	ras not collected:	0
for more than 4.0 consecutive hours:	0 (4) N	umber of days when CT data was no	t collected:	0
Minimum disinfectant residual required leaving the	plant:	0.5 mg/L, measured as Total Ch	lorine	
Number of days with a low residual	M	inimum pH in the last disinfection zo	one:	6.94
for no more than 4.0 consecutive hours:	0 N	umber of days with pH below 7.0 in t	the last disinfection zone:	3.00
Number of days with a low residual	N	umber of days when disinfectant res	idual	
for more than 4.0 consecutive hours:		aving the plant was not properly mo		0
	DIST	RIBUTION SYSTEM		
Minimum disinfectant residual required in distribution		0.5 mg/L, measured as Total Chl	lorine	
Total number of readings this month:	168 (at least 120 re	equired) (8) ercentage of readings with a low res	idual this month:	0.0 % (6A)
Average disinfectant residual value:		ercentage of readings with a low res	iduai this month:	0.0 % (0A)
Number of readings with a low residual: Number of readings with no detectable residual:	0 0 P	ercentage of readings with a low res	idual last month:	0.0 % (6B)
Number of readings with no detectable residual.		ercentage of readings with a low res	idda idət illəridi.	
	ADDITIONAL	REPORTS & WORKSHEETS		
The Page 1 Addendum (Public Notices) is not require	ed because there were no t	reatment technique or monitoring/re	porting violations reported.	
Additional report(s) for individual filter monitoring r		IONE O Filter Profile	O Filter Assessment	O CPE
Additional report(s) for individual filter monitoring s	oquirou.	IONE O Filter Profile (9)	O Filter Assessment (1	
			- Interviewed In	-,
No additional IFE Reports are required this month				
No additional IFE Reports are required this month				

	STATISTICA	AL ANALYSIS OF TURBIDITY DATA			
Settled Water Stastical Summary	Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:	1.58 NTU 0.31 NTU 1.22 NTU	Average turbidity value: Standard deviation:	0.73 NTU 0.274 NTU	
IFE Stastical Summary	Maximum IFE turbidity reading: Minimum IFEturbidity reading: 95 <sup>th</sup> percentile IFE value:	0.69 NTU 0.09 NTU 0.46 NTU	Average IFE turbidity value: Standard deviation:	0.24 NTU 0.099 NTU	
CFE Stastical Summary	Maximum CFE turbidity reading: Minimum CFE turbidity reading: 95 <sup>th</sup> percentile CFE value:	0.53 0.08 NTU 0.20 NTU	Average CFE turbidity value: Standard deviation:	0.14 NTU 0.044 NTU	
STATISTICAL ANALYSIS OF pH DATA					
Last Zone pH Stastical Summary	Maximum pH reading: Minimum pH reading: 95 <sup>th</sup> percentile value:	7.43 pH 6.94 pH 7.42 pH	Average pH value: Standard deviation:	7.18 pH 0.156 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  $Summary\ Page$ 

SYSTEM NAME:	GULF COAST WATER AUTHORITY	TX CITY		NUMBER:	SWTP - THOMAS MAC	KEY WTP - BRAZOS
		4 7 2	I certify that I am I	amiliar with the information	contained in this report and the	nat,
PWS ID No.:	0840153		1 1 1		is true complete, and accurat	le.
Plant ID No.:	14813	Operator's Signature:	Me	must. S	Jann	
Report for	M	Codificate No. 0 Conde	W00044000 A		Data	April 8, 2022
the Month of:	March 2022	Certificate No. & Grade:	WO0041290, A		Date:	April 6, 2022
	<b>《美国共享</b> 》	TREATME	NT PLANT PERF	DRMANCE		
Total number of	turbidity readings:	186	Number of 4-hour pe	riods when plant was	off-line:	0
Number of read	ings above 0.10 NTU:	127	Number of 4-hour pe	riods when plant was	on-line	
Andreas and the same of the sa	ings above 0.3 NTU:	0	but turbidity data wa	s not collected:		0
The second secon	ings above 0.5 NTU:		Number of days whe			
Number of read	ings above 1.0 NTU:	0	but individual filter to	irbidity data was not	collected:	0
Maximum allow	able turbidity level:		Number of days with	readings above 1.0 N	TU:	0 (2)
Percentage of re	eadings above this limit:	0.0 % (1)	Number of days with	readings above 5.0 N	TU:	0 (3)
Number of days	with a low CT		Average log inactivat	ion for Giardia:		2.82
for no more tha	n 4.0 consecutive hours:	0	Average log inactivat	ion for viruses:		82.94
Number of days	with a low CT		Number of days whe	n profiling data was n	ot collected:	0
for more than 4.	0 consecutive hours:	0 (4)	Number of days whe	n CT data was not col	lected:	0
Minimum disinf	ectant residual required leaving the p	olant:	0.5 mg/L, meas	ured as Total Chlorin	е	
Number of days	with a low residual		Minimum pH in the la	st disinfection zone:		6.90
for no more that	n 4.0 consecutive hours:	0	Number of days with	pH below 7.0 in the la	ast disinfection zone:	2.00
Number of days	with a low residual	***************************************	Number of days when	•		
	0 consecutive hours:		leaving the plant was			0
	uacioni escribilistica del personal del pro-	DIS	TRIBUTION SYST	EM		
Minimum disinfee	tant residual required in distribution			ured as Total Chloring		
	eadings this month:		required) (8)	ured as Total Official		
Average disinfect		***************************************	Percentage of reading	re with a low residual	this month:	0.0 % (6A)
	gs with a low residual:	0	r ercentage of reading	gs with a low residual	till s illoritii.	10 (0.4)
	gs with no detectable residual:		Percentage of reading	s with a low residual	last month:	0.0 % (6B)
ramber of reading	gs with no detectable residual.		r orountage of reading	jo Will a few reordad.		
		ADDITIONAL	. REPORTS & WO	RKSHEETS		
The Page 1 Add	endum (Public Notices) is not require	ed because there were no	treatment technique	or monitoring/reporting	ng violations reported.	
Additional repor	t(s) for individual filter monitoring re	equired:	NONE O Filter	Profile	O Filter Assessment	O CPE
	t(s) for individual filter monitoring s	· · · · · · · · · · · · · · · · · · ·		Profile (9)	O Filter Assessment (1	0) O CPE (11)
	FE Reports are required this month.	7 N N N N N N N N N N N N N N N N N N N		\-\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		

STATISTICAL ANALYSIS OF TURBIDITY DATA							
Settled Water Stastical Summary	Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:	0.79 NTU 0.21 NTU 0.62 NTU	Average turbidity value: Standard deviation:	0.37 NTU 0.135 NTU			
IFE Stastical Summary	Maximum IFE turbidity reading: Minimum IFEturbidity reading: 95 <sup>th</sup> percentile IFE value:	0.34 NTU 0.09 NTU 0.26 NTU	Average IFE turbidity value: Standard deviation:	0.16 NTU 0.047 NTU			
CFE Stastical Summary	Maximum CFE turbidity reading: Minimum CFE turbidity reading: 95 <sup>th</sup> percentile CFE value:	0.33 NTU 0.07 NTU 0.23 NTU	Average CFE turbidity value: Standard deviation:	0.13 NTU 0.045 NTU			
STATISTICAL ANALYSIS OF pH DATA							
Last Zone pH Stastical Summary	Maximum pH reading: Minimum pH reading: 95 <sup>th</sup> percentile value:	7.30 pH 6.90 pH 7.25 pH	Average pH value: Standard deviation:	7.11 pH 0.096 pH			

SURFACE WATER MONTHLY OPERATING REPORT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)
P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

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

PUBLIC WATER SYSTEM NAME: GULF COAST WATER AUTHORITY	TY CITY	PLANT NAME OR NUMBER:	SWTP - THOMAS MACI	KEY WTP - BRAZOS
PWS ID No.: 0840153 Plant ID No.: 14813	Operator's Signature:	I certify that Lern familiar with the information to the best of my knowledge, the information	tion contained in this report and the	at, a.
Report for the Month of: April 2022	Certificate No. & Grade:	WO0041290, A	Date:	May 4, 2022
	TREATMEN	IT PLANT PERFORMANCE		
Total number of turbidity readings:	180N	lumber of 4-hour periods when plant w	as off-line:	0
Number of readings above 0.10 NTU:	And the second s	lumber of 4-hour periods when plant w	as on-line	
Number of readings above 0.3 NTU:	-	ut turbidity data was not collected:		<u> </u>
Number of readings above 0.5 NTU:		lumber of days when plant was on-line ut individual filter turbidity data was no		0
Number of readings above 1.0 NTU:	******************************	lumber of days with readings above 1.0		0 (2)
Maximum allowable turbidity level:	***************************************			0 (3)
Percentage of readings above this limit:	0.0 % (1) N	lumber of days with readings above 5.0	INIO.	
Number of days with a low CT		verage log inactivation for Giardia:		4.10
for no more than 4.0 consecutive hours:	***************	verage log inactivation for viruses:		126.37
Number of days with a low CT		lumber of days when profiling data was		<u>0</u>
for more than 4.0 consecutive hours:	0 (4) N	lumber of days when CT data was not o	onectea:	
Minimum disinfectant residual required leaving the	plant:	0.5 mg/L, measured as Total Chlor	ine	
Number of days with a low residual		linimum pH in the last disinfection zon	e:	6.80
for no more than 4.0 consecutive hours:	0 N	lumber of days with pH below 7.0 in the	last disinfection zone:	6.00
Number of days with a low residual		lumber of days when disinfectant resid		
for more than 4.0 consecutive hours:	0 (5)	eaving the plant was not properly moni	ored:	0
	DIST	RIBUTION SYSTEM		
Minimum disinfectant residual required in distributio	n system:	0.5 mg/L, measured as Total Chlor	ine	
Total number of readings this month:		equired) (8)		
Average disinfectant residual value:	3.17 P	ercentage of readings with a low resid	ual this month:	0.0 % (6A)
Number of readings with a low residual:	0			
Number of readings with no detectable residual:	0 P	ercentage of readings with a low resid	ual last month:	0.0 % (6B)
	ADDITIONAL	REPORTS & WORKSHEETS		
The Page 1 Addendum (Public Notices) is not requi	red because there were no t	reatment technique or monitoring/reno	rting violations reported.	
		NONE O Filter Profile	O Filter Assessment	○ CPE
Additional report(s) for individual filter monitoring Additional report(s) for individual filter monitoring	oquitou.	NONE O Filter Profile (9)	O Filter Assessment (1	
No additional IFE Reports are required this month		Title (a)	O THE Massament (1	0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
The deditional is a reported at a required time month				
	CTATICTICAL A	NALYSIS OF TURBIDITY DATA		National Control of the State o
	STATISTICAL A	MALIOIS OF TURBIDITI DATA		ON ANDRONES OF STREET STREET,

	STATISTIC	AL ANALYSIS OF TURBIDITY DATA	Α		
Settled Water Stastical Summary	Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:	1.01 NTU 0.10 NTU 0.65 NTU	Average turbidity value: Standard deviation:	0.29 NTU 0.205 NTU	
IFE Stastical Summary	Maximum IFE turbidity reading: Minimum IFEturbidity reading: 95 <sup>th</sup> percentile IFE value:	0.28 NTU 0.06 NTU 0.20 NTU	Average IFE turbidity value: Standard deviation:	0.12 NTU 0.042 NTU	
CFE Stastical Summary	Maximum CFE turbidity reading: Minimum CFE turbidity reading: 95 <sup>th</sup> percentile CFE value:	0.34 NTU 0.10 NTU 0.23 NTU	Average CFE turbidity value: Standard deviation:	0.14 NTU 0.044 NTU	
STATISTICAL ANALYSIS OF pH DATA					
Last Zone pH Stastical Summary	Maximum pH reading: Minimum pH reading: 95 <sup>th</sup> percentile value:	7.50 pH 6.80 pH 7.31 pH	Average pH value: Standard deviation:	7.09 pH 0.150 pH	

SURFACE WATER MONTHLY OPERATING REPORT

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

PUBLIC WATER SYSTEM NAME:	GULF COAST WATER AUTHORITY	TX CITY		ANT NAME NUMBER:	SWTP - THOMAS MAC	KEY WTP - BRAZOS
PWS ID No.: Plant ID No.:	0840153 14813	Operator's Signature:	to the best of my k	amiliar with the information when the information when the information with the information w	contained in this report and the is true, complete, and accurate	at, e.
Report for the Month of:	May 2022	Certificate No. & Grade	: WO0041290, A		Date:	June 7, 2022
		TREATME	NT PLANT PERFO	RMANCE	100 May 2007	
Total number of	turbidity readings:	186	Number of 4-hour per	iods when plant was	off-line:	0
The second secon	ings above 0.10 NTU:	91	Number of 4-hour per		on-line	
	ings above 0.3 NTU:	0	but turbidity data was			0
	ings above 0.5 NTU:	0	Number of days when but individual filter to		collected:	0
	ings above 1.0 NTU:	***************************************				0 (2)
	able turbidity level:	0.3	Number of days with	-		0 (3)
Percentage of re	eadings above this limit:	0.0] % (1)	Number of days with	readings above 5.0 N	10:	
Number of days		0	Average log inactivat			5.14 153.81
	n 4.0 consecutive hours:		Average log inactivat		-	0
Number of days for more than 4	with a low CT 0 consecutive hours:	0 (4)	Number of days when Number of days when			
Minimum disinf	ectant residual required leaving the p	plant:	0.5 mg/L, meas	ured as Total Chlorine	9	
	with a low residual		Minimum pH in the la	st disinfection zone:		7.08
	n 4.0 consecutive hours:	0	Number of days with		st disinfection zone:	0.00
Number of days	with a low residual		Number of days when			
for more than 4	0 consecutive hours:	0 (5)	leaving the plant was	not properly monitore	ed:	0
		DIS	TRIBUTION SYST	EM		
Minimum disinfed	tant residual required in distribution	system:	0.5 mg/L, meas	ured as Total Chlorine	)	
Total number of r	eadings this month:	186 (at least 120	required) (8)			
Average disinfect	ant residual value:	3.06	Percentage of reading	s with a low residual	this month:	0.0 % (6A)
Number of readin	gs with a low residual:	0				
Number of readin	gs with no detectable residual:	0	Percentage of reading	s with a low residual	last month:	0.0 % (6B)
	THE STREET STREET	ADDITIONAL	L REPORTS & WO	RKSHEETS		
The Page 1 Add	endum (Public Notices) is not requir	ed because there were no	treatment technique	or monitoring/reportir	ng violations reported.	
Additional repo	rt(s) for individual filter monitoring re	equired:	NONE O Filter	Profile	O Filter Assessment	○ CPE
	rt(s) for individual filter monitoring s		NONE O Filter	Profile (9)	O Filter Assessment (1	0) O CPE (11)
	IFE Reports are required this month.					
		STATISTICAL	ANALYSIS OF TUR	BIDITY DATA		
	cost til director i	WWW.				

	STATISTICAL	. ANALYSIS OF TURBIDITY DATA		
Settled Water Stastical Summary	Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:	0.81 NTU 0.08 NTU 0.31 NTU	Average turbidity value: Standard deviation:	0.19 NTU 0.094 NTU
IFE Stastical Summary	Maximum IFE turbidity reading: Minimum IFEturbidity reading: 95 <sup>th</sup> percentile IFE value:	0.14 NTU 0.05 NTU 0.12 NTU	Average IFE turbidity value: Standard deviation:	0.09 NTU 0.019 NTU
CFE Stastical Summary	Maximum CFE turbidity reading: Minimum CFE turbidity reading: 95 <sup>th</sup> percentile CFE value:	0.14 NTU 0.07 NTU 0.13 NTU	Average CFE turbidity value: Standard deviation:	0.10 NTU 0.013 NTU
	STATIST	ICAL ANALYSIS OF pH DATA		
Last Zone pH Stastical Summary	Maximum pH reading: Minimum pH reading: 95 <sup>th</sup> percentile value:	7.26 pH 7.08 pH 7.25 pH	Average pH value: Standard deviation:	7.17 pH 0.047 pH

SURFACE WATER MONTHLY OPERATING REPORT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PUBLIC WATER SYSTEM NAME: GULF COAST WATER AUTHORITY	TX CITY	PLANT NAME OR NUMBER:	SWTP - THOMAS MAC	KEY WTP - BRAZOS
PWS ID No.: 0840153 Plant ID No.: 14813	Operator's Signature:	I certify that the information to the best of my knowledge, the information to the best of my knowledge, the information to the best of my knowledge.	mation contained in this report and the mation is true, complete, and accurate the mation is true.	nat, re <sub>q</sub>
Report for the Month of: June 2022	Certificate No. & Grade:	WO0041290, A	Date:	July 8, 2022
	TREATMEN	T PLANT PERFORMANCE		
Total number of turbidity readings:		lumber of 4-hour periods when plant	was off-line:	0
Number of readings above 0.10 NTU:	-	lumber of 4-hour periods when plant	was on-line	
Number of readings above 0.3 NTU:		ut turbidity data was not collected:		0
Number of readings above 0.5 NTU:		lumber of days when plant was on-lir ut individual filter turbidity data was		0
Number of readings above 1.0 NTU:	*******************************	lumber of days with readings above		0 (2)
Maximum allowable turbidity level:				0 (3)
Percentage of readings above this limit:	0.0 % (1) N	lumber of days with readings above t	5.UNIU.	
Number of days with a low CT		verage log inactivation for Giardia:		5.25
for no more than 4.0 consecutive hours:		verage log inactivation for viruses:		158.33
Number of days with a low CT		umber of days when profiling data w		0
for more than 4.0 consecutive hours:	0 (4) N	umber of days when CT data was no	ot collected:	
Minimum disinfectant residual required leaving the p	plant:	0.5 mg/L, measured as Total Ch	lorine	
Number of days with a low residual	M	linimum pH in the last disinfection zo	one:	7.01
for no more than 4.0 consecutive hours:	0 N	umber of days with pH below 7.0 in t	the last disinfection zone:	0.00
Number of days with a low residual	Brown and a second a second and	umber of days when disinfectant res		
for more than 4.0 consecutive hours:	F15555555555555555555	eaving the plant was not properly mo		0
	ni			
	DIST	RIBUTION SYSTEM		
Minimum disinfectant residual required in distribution	system:	0.5 mg/L, measured as Total Chi	lorine	
Total number of readings this month:	180 (at least 120 re			00000
Average disinfectant residual value:		ercentage of readings with a low res	idual this month:	0.0 % (6A)
Number of readings with a low residual:	0		Ideal look months	0.0 % (6B)
Number of readings with no detectable residual:	<u>0</u> P	ercentage of readings with a low res	iduai iast month:	0.0 % (6B)
	ADDITIONAL	REPORTS & WORKSHEETS		
The Page 1 Addendum (Public Notices) is not require	ed because there were no t	reatment technique or monitoring/rep	porting violations reported.	
Additional report(s) for individual filter monitoring re		NONE O Filter Profile	O Filter Assessment	O CPE
Additional report(s) for individual filter monitoring s		NONE O Filter Profile (9)	O Filter Assessment (1	0) O CPE (11)
No additional IFE Reports are required this month.				

	STATISTIC	AL ANALYSIS OF TURBIDITY DATA		
Settled Water Stastical Summary	Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:	0.48 NTU 0.11 NTU 0.42 NTU	Average turbidity value: Standard deviation:	0.26 NTU 0.099 NTU
IFE Stastical Summary	Maximum IFE turbidity reading: Minimum IFEturbidity reading: 95 <sup>th</sup> percentile IFE value:	0.36 NTU 0.06 NTU 0.21 NTU	Average IFE turbidity value: Standard deviation:	0.12 NTU 0.046 NTU
CFE Stastical Summary	Maximum CFE turbidity reading: Minimum CFE turbidity reading: 95 <sup>th</sup> percentile CFE value:	0.32 NTU 0.09 NTU 0.22 NTU	Average CFE turbidity value: Standard deviation:	0.13 NTU 0.040 NTU
	STATIS	STICAL ANALYSIS OF pH DATA		
Last Zone pH Stastical	Maximum pH reading: Minimum pH reading:	7.27 pH 7.01 pH	Average pH value: Standard deviation:	7.16 pH 0.064 pH
Summary	95 <sup>th</sup> percentile value:	7.25 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

PLANT NAME

PUBLIC WATER	CHIE COASTMAT	ED AUTHODITY TY CITY			PLANT NAME OR NUMBER:	SWTP - THOM	AS MAC	KEY WTP - BRAZOS	
SYSTEM NAME:	GULF COAST WATE	ER AUTHORITY TX CITY	Market 1991	I certify th	at I am familiar with the in	formation contained in this re	port and th	at,	
PWS ID No.:	0840153			to the bes	t of my knowledge, the in	formation is true, complete, a	and accurat	e.	
Plant ID No.:	14813	Operator'	's Signature:	1/2/	117				
Report for the Month of:	July 2022	Certificat	e No. & Grade:	WO0043	519, A		Date:	August 3, 2022	
CHARLES OF			TREATMEN	NT PLANT F	PERFORMANCE				
Total number o	of turbidity readings:		1	Number of 4-h	our periods when pla	ant was off-line:		0	
	lings above 0.10 NTU				our periods when pla			0	
The second secon	dings above 0.3 NTU:	***************************************			ata was not collected s when plant was or				
	lings above 0.3 NTU:	-			filter turbidity data w			0	
	vable turbidity level:	0.3	1	Number of day	s with readings above	ve 1.0 NTU:		0 (2)	
	readings above this li	imit: 0.0	% (1)	Number of day	s with readings above	ve 5.0 NTU:		0 (3)	
Number of days	s with a low CT				activation for Glardia			5.23	
for no more tha	an 4.0 consecutive ho	ours: 0			activation for viruses			161.09	
Number of days for more than 4	s with a low CT I.0 consecutive hours	s: 0			s when profiling dat s when CT data was			0 0	
Minimum disinf	fectant residual requi	ired leaving the plant:	_	0.5 mg/L,	measured as Total	Chlorine			
Number of days	s with a low residual		1	Minimum pH ir	n the last disinfection	zone:		7.02	
for no more tha	an 4.0 consecutive ho	ours: 0		Number of day	s with pH below 7.0	in the last disinfection z	one:	0.00	
Number of days	s with a low residual				s when disinfectant	residual			
i wantiber of days								0	F 10
	1.0 consecutive hours	s: 0	(5)	leaving the pla	nt was not properly	monitored:			
		s: 0		TRIBUTION		monitored:			
for more than 4	1.0 consecutive hours	ed in distribution system:		TRIBUTION					
for more than 4 Minimum disinfed Total number of I	6.0 consecutive hours ctant residual require readings this month:	ed in distribution system:	DIST	TRIBUTION  0.5 mg/L, required) (8)	SYSTEM measured as Total	Chlorine			
for more than 4 Minimum disinfed Total number of t Average disinfed	tant residual require readings this month: tant residual value:	ed in distribution system: 186 2.96	DIST	TRIBUTION  0.5 mg/L, required) (8)	SYSTEM measured as Total	Chlorine		0.0] % (6A)	
for more than 4 Minimum disinfed Total number of r Average disinfed Number of readin	ctant residual require readings this month: tant residual value: ngs with a low residua	ed in distribution system:  186 2.96 tal: 0	DIST	TRIBUTION  0.5 mg/L, required) (8) Percentage of	SYSTEM  measured as Total ) readings with a low	Chlorine residual this month:			
for more than 4 Minimum disinfed Total number of r Average disinfed Number of readin	tant residual require readings this month: tant residual value:	ed in distribution system:  186 2.96 tal: 0	DIST	TRIBUTION  0.5 mg/L, required) (8) Percentage of	SYSTEM measured as Total	Chlorine residual this month:			
for more than 4 Minimum disinfed Total number of r Average disinfed Number of readin	ctant residual require readings this month: tant residual value: ngs with a low residua	ed in distribution system:	DIST	TRIBUTION  0.5 mg/L, required) (8) Percentage of	SYSTEM  measured as Total ) readings with a low	Chlorine residual this month: residual last month:			
for more than 4 Minimum disinfer Total number of r Average disinfect Number of readin Number of readin	ctant residual require readings this month: tant residual value: ngs with a low residua ngs with no detectable	ed in distribution system:	DIST (at least 120 i f ADDITIONAL	TRIBUTION  0.5 mg/L, required) (8) Percentage of Percentage of	SYSTEM  measured as Total  readings with a low readings with a low	Chlorine residual this month: residual last month:	ported.		15.
for more than 4  Minimum disinfer Total number of r Average disinfect Number of readin Number of readin	ctant residual require readings this month: tant residual value: ngs with a low residua ngs with no detectable	ed in distribution system:  186 2.96 tal: 0 le residual: 0 ces) is not required because	DIST  (at least 120 in the second sec	TRIBUTION  0.5 mg/L, required) (8) Percentage of Percentage of	SYSTEM  measured as Total  readings with a low readings with a low	Chlorine residual this month: residual last month:			
for more than 4  Minimum disinfer Total number of r Average disinfect Number of readin Number of readin The Page 1 Add	ctant residual require readings this month: tant residual value: ngs with a low residuangs with no detectable dendum (Public Notice ort(s) for individual fill	ed in distribution system:  186 2.96  aal: 0 le residual: 0	DIST  (at least 120 in the second sec	TRIBUTION  0.5 mg/L, required) (8) Percentage of Percentage of REPORTS	SYSTEM  measured as Total  readings with a low readings with a low with a low readings with a low reading with a low re	Chlorine residual this month: residual last month:  //reporting violations rep	sment	0.0 % (6A) 0.0 % (6B)	
Minimum disinfer Total number of r Average disinfect Number of readin Number of readin The Page 1 Add Additional repo	ctant residual require readings this month: tant residual value: ngs with a low residuangs with no detectable dendum (Public Notice ort(s) for individual fill	ed in distribution system:  186 2.96  1al: 0 le residual: 0 ces) is not required because liter monitoring required: liter monitoring submitted:	DIST  (at least 120 in the second sec	TRIBUTION  0.5 mg/L, required) (8) Percentage of Percentage of REPORTS treatment tech	SYSTEM  measured as Total  readings with a low reading	Chlorine residual this month: residual last month:  /reporting violations rep	sment	0.0 % (6A) 0.0 % (6B)	
Minimum disinfer Total number of r Average disinfect Number of readin Number of readin The Page 1 Add Additional repo	ctant residual require readings this month: tant residual value: ngs with a low residual ngs with no detectable dendum (Public Notice ort(s) for individual fille ort(s) for individual fille	ed in distribution system:  186 2.96  1al: 0 le residual: 0 ces) is not required because liter monitoring required: liter monitoring submitted:	DIST  (at least 120 in the second sec	TRIBUTION  0.5 mg/L, required) (8) Percentage of Percentage of REPORTS treatment tech	SYSTEM  measured as Total  readings with a low reading	Chlorine residual this month: residual last month:  /reporting violations rep	sment	0.0 % (6A) 0.0 % (6B)	
Minimum disinfer Total number of r Average disinfect Number of readin Number of readin The Page 1 Add Additional repo	ctant residual require readings this month: tant residual value: ngs with a low residual ngs with no detectable dendum (Public Notice ort(s) for individual fille ort(s) for individual fille	ed in distribution system:  186 2.96 tal: 0 le residual: 0 ces) is not required because liter monitoring required: liter monitoring submitted: uired this month.	DIST  (at least 120 in the second sec	TRIBUTION  0.5 mg/L, required) (8) Percentage of Percentage of REPORTS treatment tech NONE NONE	SYSTEM  measured as Total ) readings with a low reading with a low reading with a low reading read	Chlorine residual this month: residual last month:  //reporting violations rep	sment	0.0 % (6A) 0.0 % (6B)	7 147
Minimum disinfer Total number of r Average disinfect Number of readin Number of readin The Page 1 Add Additional repo	ctant residual require readings this month: tant residual value: ngs with a low residual ngs with no detectable dendum (Public Notice ort(s) for individual fille ort(s) for individual fille	ed in distribution system:    186     2.96     181   0     18     18     18     18     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19     19	DIST  (at least 120 in the second sec	TRIBUTION  0.5 mg/L, required) (8) Percentage of Percentage of REPORTS treatment tech NONE O	SYSTEM  measured as Total  readings with a low reading	Chlorine residual this month: residual last month:  /reporting violations rep	ssment ssment (1	0.0 % (6A) 0.0 % (6B)  CPE CPE (11)	
Minimum disinfed Total number of I Average disinfed Number of readin Number of readin Additional repo Additional repo No additional	ctant residual require readings this month: tant residual value: ngs with a low residuangs with no detectable dendum (Public Notice ort(s) for individual fill ort(s) for individual fill IFE Reports are required Water	ed in distribution system:  186 2.96  al: 0 le residual: 0  ces) is not required because liter monitoring required: liter monitoring submitted: uired this month.	DIST  (at least 120 in the second sec	TRIBUTION  0.5 mg/L, required) (8) Percentage of Percentage of REPORTS treatment tech NONE O  NONE O  1.16 NTU	SYSTEM  measured as Total ) readings with a low reading with a low reading with a low reading read	Chlorine residual this month: residual last month:  /reporting violations rep  / Filter Asses  / Filter Asses  Average turbidity	esment (1	0.0 % (6A)  0.0 % (6B)  OPE OCPE (11)	
Minimum disinfer Total number of r Average disinfect Number of readin Number of readin Additional report Additional report No additional Settle Sta	ctant residual require readings this month: tant residual value: ngs with a low residual gray with no detectable dendum (Public Noticort(s) for individual fill IFE Reports are required Water astical	ed in distribution system:  186 2.96 tal: 0 le residual: 0 leter monitoring required: lter monitoring submitted: uired this month.	DIST  (at least 120 in the second sec	TRIBUTION  0.5 mg/L, required) (8) Percentage of Percentage of REPORTS treatment tech NONE O	SYSTEM  measured as Total ) readings with a low reading with a low reading with a low reading read	Chlorine residual this month: residual last month:  /reporting violations rep	esment (1	0.0 % (6A) 0.0 % (6B)  CPE CPE (11)	
Minimum disinfed Total number of I Average disinfed Number of readin Number of readin Additional repo Additional repo No additional Settle Sta	ctant residual require readings this month: tant residual value: ngs with a low residual graph with a low residual require readings with no detectable of the residual fill ort(s) for individual fill ort(s) for individual fill IFE Reports are required Water astical mmary	ed in distribution system:    186     2.96     Ial:	DIST  (at least 120 in the second sec	TRIBUTION  0.5 mg/L, required) (8) Percentage of Percentage of REPORTS treatment tech NONE O  ANALYSIS O  1.16 NTU 0.07 NTU 0.35 NTU	SYSTEM  measured as Total ) readings with a low reading with a low reading with a low reading read	Chlorine residual this month: residual last month:  /reporting violations rep	esment (1 esment (1 esment (1 esment (1) esment (1) esm	0.0 % (6A)  0.0 % (6B)  CPE CPE (11)  0.22 NTU 0.125 NTU	
Minimum disinfer Total number of r Average disinfect Number of readin Number of readin Additional repo Additional repo No additional Settle Sta	ctant residual require readings this month: tant residual value: ngs with a low residual gray with no detectable dendum (Public Notice ort(s) for individual fill IFE Reports are required Water astical mmary	ed in distribution system:  186 2.96  tal: 0 le residual: 0 ler monitoring required: lter monitoring submitted: uired this month.  ST  Maximum turbidity readin Minimum turbidity readin 95 <sup>th</sup> percentile value:  Maximum IFE turbidity re	DIST  (at least 120 in final section of the section	TRIBUTION  0.5 mg/L, required) (8) Percentage of Percentage of REPORTS treatment technone O  ANALYSIS O  1.16 NTU 0.07 NTU 0.035 NTU	SYSTEM  measured as Total ) readings with a low reading with a low reading with a low reading read	Chlorine residual this month: residual last month:  /reporting violations rep  / Filter Asses  / Filter Asses  Average turbidity	ssment (1 ssment (1 value: n:	0.0 % (6A)  0.0 % (6B)  CPE CPE (11)  0.22 NTU 0.125 NTU	
Minimum disinfer Total number of r Average disinfect Number of readin Number of readin Additional repo Additional repo Additional Settle Sta	ctant residual require readings this month: tant residual value: ngs with a low residual graph with a low residual value; or to the content of the content o	ed in distribution system:    186     2.96     Ial:	DIST  (at least 120 in final section of the section	TRIBUTION  0.5 mg/L, required) (8) Percentage of Percentage of REPORTS treatment tech NONE O  ANALYSIS O  1.16 NTU 0.07 NTU 0.35 NTU	SYSTEM  measured as Total ) readings with a low reading with a low reading with a low reading read	Chlorine residual this month: residual last month:  /reporting violations rep	ssment (1 ssment (1 value: n:	0.0 % (6A)  0.0 % (6B)  OPE OPE (11)  0.22 NTU 0.125 NTU  0.13 NTU	
Minimum disinfer Total number of r Average disinfect Number of readin Number of readin Additional repo Additional repo No additional Settle Sta Sur	ctant residual require readings this month: tant residual value: ngs with a low residua ngs with no detectable dendum (Public Notice ort(s) for individual file ort(s) for individual f	ed in distribution system:  186 2.96 tal: 0 le residual: 0 leter monitoring required: lter monitoring submitted: uired this month.  ST  Maximum turbidity readir Minimum turbidity readir 95 <sup>th</sup> percentile value:  Maximum IFE turbidity re	DIST  (at least 120 in final section of the section	TRIBUTION  0.5 mg/L, required) (8) Percentage of Percentage of REPORTS treatment technone NONE O  1.16 NTU 0.07 NTU 0.035 NTU 0.22 NTU 0.06 NTU	SYSTEM  measured as Total ) readings with a low reading with a low reading with a low reading read	Chlorine residual this month: residual last month:  /reporting violations rep	esment (1 esment (1 evalue: n: lity value	0.0 % (6A)  0.0 % (6B)  CPE CPE (11)  0.22 NTU 0.125 NTU  0.13 NTU 0.033 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

0.25 NTU

7.35 pH

7.02 pH

7.28 pH

STATISTICAL ANALYSIS OF pH DATA

7.15 pH

0.080 pH

Average pH value:

Standard deviation:

Minimum CFE turbidity reading:

95th percentile CFE value:

Maximum pH reading:

Minimum pH reading:

95th percentile value:

Stastical

Summary

Last Zone pH

Stastical

Summary

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:	GULF COAST WATER AU	THORITY TX CITY		OR NUMBER:		CKEY WIP - BRAZUS
			I certify that I	am familiar with the inform	ation contained in this report and ation is true, complete, and accur	that,
PWS ID No.:	0840153	Operator's Signature:	/ //	iny knowledge, die inform	auditio trac, complete, and accor	
Plant ID No.:	14813	Operator's Signature:	1/04	//		
Report for the Month of:	August 2022	Certificate No. & Grad	le: WO0043519	), A	Date:	September 8, 2022
		TREATM	IENT PLANT PEI	RFORMANCE		
Total number of	of turbidity readings:	186	Number of 4-hou	r periods when plant	was off-line:	0
	dings above 0.10 NTU:	134		periods when plant		
a framework of settle and and	dings above 0.3 NTU:	0		was not collected:		0
	dings above 0.5 NTU:	0		vhen plant was on-lin		0
	dings above 1.0 NTU:	0		er turbidity data was i		0 (2)
	vable turbidity level:	0.3		vith readings above 1		0 (3)
Percentage of I	readings above this limit:	0.0 % (1)	Number of days v	vith readings above 5	.0 NIU:	U (3)
Number of day				ivation for Giardia:		5.71
for no more tha	an 4.0 consecutive hours:	0		ivation for viruses:		174.63
Number of day		0 (4)	Contraction of the Contraction o	when profiling data was		0
	1.0 consecutive hours:	0 (4)		vhen CT data was not		
	fectant residual required le	aving the plant:		easured as Total Chl		7.05
	s with a low residual			ne last disinfection zo		***************************************
for no more tha	an 4.0 consecutive hours:	0	Number of days v	vith pH below 7.0 in the	ne last disinfection zone:	0.00
	s with a low residual	0 (5)		vhen disinfectant resi was not properly mor		0
			ISTRIBUTION SY	STEM		
	THE RESERVOIS ASSESSMENT OF THE PARTY OF THE	100000000000000000000000000000000000000		easured as Total Chic	orino.	
and the second second second	ctant residual required in d readings this month:		20 required) (8)	leasured as Total Cilic	of the	
	tant residual value:	3.05		dings with a low resi	dual this month:	0.0 % (6A)
	ngs with a low residual:	0				
	ngs with no detectable resi	dual: 0	Percentage of rea	dings with a low resi	dual last month:	0.0 % (6B)
		ADDITION	AL REPORTS &	WORKSHEETS		
The Design 4 Add	dendum (Bublic Notices) is	not required because there were	no treatment technic	que or monitoring/ren	orting violations reported.	3,333,360,000,000,000,000,000,000
				ilter Profile	Filter Assessment	O CPE
The state of the s	ort(s) for individual filter mo ort(s) for individual filter mo	stittering required.		ilter Profile (9)	O Filter Assessment	0
	I IFE Reports are required t		e NONE O I	mar r roma (o)	O Tittel Assessment	(10)
No daditional	. II Zitopotto di o roquito		# (\$1000.000 \$100.000.000 \$100.000 \$100.000 \$100.000 \$100.000 \$100.000 \$100.000 \$100.000 \$100.000 \$100.000 \$10			
		STATISTICA	L ANALYSIS OF	TURBIDITY DATA		
Settl	ed Water Max	imum turbidity reading:	0.71 NTU		Average turbidity value:	0.22 NTU
CONTRACTOR SERVICE		mum turbidity reading:	0.07 NTU		Standard deviation:	0.095 NTU
Su	mmary 95 <sup>th</sup>	percentile value:	0.37 NTU			
	IFE Max	imum IFE turbidity reading:	0.21 NTU		Average IFE turbidity value	
(2000) (CONT.)	DANSESSEE	mum IFEturbidity reading:	0.04 NTU		Standard deviation:	0.027 NTU
Su	mmary 95 <sup>th</sup>	percentile IFE value:	0.14_ NTU			
	CFE Max	imum CFE turbidity reading:	0.21 NTU		Average CFE turbidity val	ue: 0.13 NTU 0.030 NTU
- PRESENCE CONTRACTOR OF THE PROPERTY OF THE P	actical Mini	mum CEE turbidity reading:	0.08 NTU		Standard deviation:	

SURFACE WATER MONTHLY OPERATING REPORT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

0.08 NTU

0.19 NTU

7.36 pH

7.05 pH

7.33 pH

STATISTICAL ANALYSIS OF pH DATA

Standard deviation:

Average pH value:

Standard deviation:

WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155) P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

7.15 pH

0.086 pH

Minimum CFE turbidity reading:

95th percentile CFE value:

Maximum pH reading:

Minimum pH reading:

95th percentile value:

Stastical

Summary

Last Zone pH

Stastical

Summary

**PUBLIC WATER** 

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

PLANT NAME

PUBLIC WATER	CILE COAST WATE	R AUTHORITY TX CITY		OR NUMBER:	SWTP - THOMAS MAC	KEY WTP - BRAZOS
STSTEM NAME:	GULF COAST WATE	K AOTHORITI IX OIT	I cert	fy that I am familiar with the in	formation contained in this report and th	at,
PWS ID No.:	0840153		to the	best of my knowledge, the inf	formation is true, complete, and accurat	э.
Plant ID No.:	14813	Operator's Signa	ature:	my		
Report for the Month of:	September 2022	Certificate No. &	Grade: WOO	043519, A	Date:	October 5, 2022
	A CONTRACTOR OF THE STATE OF TH	TRE	ATMENT PLAN	T PERFORMANCE		
Total number o	f turbidity readings:	180	Number of	4-hour periods when pla	int was off-line:	0
Number of read	lings above 0.10 NTU:			4-hour periods when pla		
1	lings above 0.3 NTU:	0		ty data was not collected		0
	lings above 0.5 NTU: lings above 1.0 NTU:	0		days when plant was on ual filter turbidity data w		0
	able turbidity level:	0.3		days with readings abov		0 (2)
	eadings above this lin			days with readings abov		0 (3)
						5.94
Number of days	s with a low CT in 4.0 consecutive hou	ırs: 0		g inactivation for Giardia g inactivation for viruses		177.33
Number of days				days when profiling data		0
	.0 consecutive hours:	0 (4)		days when CT data was		0
Minimum disin	fectant residual requir	ed leaving the plant:	0.5 m	g/L, measured as Total (	Chlorine	
Number of days	s with a low residual		Minimum	H in the last disinfection	zone:	7.00
for no more tha	in 4.0 consecutive hou	ırs: 0	Number of	days with pH below 7.0 i	in the last disinfection zone:	0.00
Number of days	s with a low residual			days when disinfectant i		0
for more than 4	.0 consecutive hours:	0 (5)	leaving the	plant was not properly r	nonitored:	
Lier more than						
			DISTRIBUTI	ON SYSTEM		
	ctant residual required	l in distribution system:	0.5 m	g/L, measured as Total (	Chlorine	
Minimum disinfe Total number of I	readings this month:	180 (at le	0.5 meast 120 required)	g/L, measured as Total ( (8)		0.0 % (6A)
Minimum disinfe Total number of I Average disinfec	readings this month: tant residual value:	180 (at le	0.5 meast 120 required)	g/L, measured as Total (		0.0 % (6A)
Minimum disinfe Total number of i Average disinfec Number of readir	readings this month: tant residual value: ngs with a low residua	180 (at le 3.27)	0.5 m east 120 required) Percentag	g/L, measured as Total ( (8) e of readings with a low r	residual this month:	
Minimum disinfe Total number of i Average disinfec Number of readir	readings this month: tant residual value:	180 (at le	0.5 m east 120 required) Percentag	g/L, measured as Total ( (8) e of readings with a low r e of readings with a low r	residual this month: residual last month:	0.0 % (6A) 0.0 % (6B)
Minimum disinfe Total number of I Average disinfec Number of readir Number of readir	readings this month: tant residual value: ngs with a low residua ngs with no detectable	180   (at let	0.5_ n east 120 required) Percentag Percentag	g/L, measured as Total ( (8) e of readings with a low r e of readings with a low r TS & WORKSHEETS	residual this month: residual last month:	
Minimum disinfe Total number of I Average disinfec Number of readir Number of readir	readings this month: tant residual value: ngs with a low residua ngs with no detectable	180 (at le	0.5_ n east 120 required) Percentag Percentag	g/L, measured as Total ( (8) e of readings with a low r e of readings with a low r TS & WORKSHEETS	residual this month: residual last month:	0.0 % (6B)
Minimum disinfer Total number of a Average disinfect Number of readir Number of readir	readings this month: tant residual value: ngs with a low residua ngs with no detectable dendum (Public Notice	180   (at let	0.5_ n east 120 required) Percentag Percentag	g/L, measured as Total ( (8) e of readings with a low r e of readings with a low r TS & WORKSHEETS	residual this month: residual last month:	0.0 % (6B)
Minimum disinfer Total number of a Average disinfect Number of readir Number of readir The Page 1 Add Additional repo	readings this month: tant residual value: ngs with a low residua ngs with no detectable dendum (Public Notice ort(s) for individual filto ort(s) for individual filto	i: 0 (at let of the following submitted:	0.5_ m east 120 required) Percentag Percentag TONAL REPOR	g/L, measured as Total ( (8) e of readings with a low r e of readings with a low r TS & WORKSHEETS technique or monitoring/	residual this month: residual last month: freporting violations reported.	0.0 % (6B)
Minimum disinfer Total number of a Average disinfect Number of readir Number of readir The Page 1 Add Additional repo	readings this month: tant residual value: ngs with a low residua ngs with no detectable dendum (Public Notice ort(s) for individual filt	i: 0 (at let of the following submitted:	0.5 n east 120 required) Percentag Percentag  TONAL REPOR were no treatment    NONE	g/L, measured as Total (8) (8) e of readings with a low red reading red reading red red readings red	residual this month: residual last month: reporting violations reported. Filter Assessment	0.0 % (6B)
Minimum disinfer Total number of a Average disinfect Number of readir Number of readir The Page 1 Add Additional repo	readings this month: tant residual value: ngs with a low residua ngs with no detectable dendum (Public Notice ort(s) for individual filto ort(s) for individual filto	i: 0 (at let of the following submitted:	0.5 n east 120 required) Percentag Percentag  TONAL REPOR were no treatment    NONE	g/L, measured as Total (8) (8) e of readings with a low red reading red reading red red readings red	residual this month: residual last month: reporting violations reported. Filter Assessment	0.0 % (6B)
Minimum disinfer Total number of a Average disinfect Number of readir Number of readir The Page 1 Add Additional repo	readings this month: tant residual value: ngs with a low residua ngs with no detectable dendum (Public Notice ort(s) for individual filto ort(s) for individual filto	i: 0 residual: 0  ADDIT  (as) is not required because there are monitoring required: are monitoring submitted: ared this month.	0.5 n Percentag Percentag  TONAL REPOR were no treatment  NONE  NONE	g/L, measured as Total ( (8) e of readings with a low redings with a low redings with a low redings with a low reding with a low reding to the constant of the	residual this month: residual last month: reporting violations reported.	0.0 % (6B)
Minimum disinfe Total number of a Average disinfec Number of readir Number of readir The Page 1 Add Additional repo Additional	readings this month: tant residual value: ngs with a low residua ngs with no detectable dendum (Public Notice ort(s) for individual filt ort(s) for individual filt IFE Reports are requi	test is not required because there er monitoring required: er monitoring submitted: ired this month.	O.5 n east 120 required) Percentag Percentag  TIONAL REPOR were no treatment  NONE NONE	g/L, measured as Total ( (8) e of readings with a low refreadings with a low refreadings with a low refreadings with a low refreadings with a low refreading to the constant of the constant o	residual this month: residual last month: residual last month: reporting violations reported.	0.0 % (6B)  O CPE O CPE (11)
Minimum disinfer Total number of readir Number of readir Number of readir The Page 1 Add Additional reporated to additional re	readings this month: tant residual value: ngs with a low residua ngs with no detectable dendum (Public Notice ort(s) for individual filto ort(s) for individual filto IFE Reports are requi	t: 0 residual: 0  ADDIT  (as) is not required because there er monitoring required: er monitoring submitted: ired this month.  STATIST  Maximum turbidity reading:	O.5 n Percentag Percentag  TONAL REPOR Were no treatment  NONE  NONE	g/L, measured as Total ( (8) e of readings with a low red reading red reading red red reading red	residual this month: residual last month: reporting violations reported.	0.0 % (6B)
Minimum disinfer Total number of a Average disinfect Number of readir Number of readir The Page 1 Add Additional report No additional Settle Sta	readings this month: tant residual value: ngs with a low residua ngs with no detectable dendum (Public Notice ort(s) for individual filt ort(s) for individual filt IFE Reports are requi	test is not required because there er monitoring required: er monitoring submitted: ired this month.	O.5 n east 120 required) Percentag Percentag  TIONAL REPOR were no treatment  NONE NONE	g/L, measured as Total ( (8) e of readings with a low red reading red readings with a low red reading red red reading red	residual this month: residual last month: reporting violations reported.	0.0 % (6B)  O CPE O) CPE (11)
Minimum disinfer Total number of readir Average disinfec Number of readir Number of readir The Page 1 Add Additional report Additional report No additional Settle Str	readings this month: tant residual value: ngs with a low residua ngs with no detectable dendum (Public Notice ort(s) for individual filt ort(s) for individual filt IFE Reports are requi	t: 0 residual: 0 ADDIT  as) is not required because there er monitoring required: er monitoring submitted: ired this month.  STATIST  Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:	O.5 meast 120 required) Percentag  Percentag  TIONAL REPOR  Were no treatment  NONE  NONE  TICAL ANALYSI  O.47 N  O.10 N  O.30 N	g/L, measured as Total ( (8) (8) e of readings with a low restricted in the control of the contr	residual this month: residual last month: residual last month: reporting violations reported.	0.0 % (6B)  CPE CPE (11)  0.17 NTU 0.066 NTU
Minimum disinfer Total number of a Average disinfect Number of readir Number of readir The Page 1 Add Additional report Additional report No additional Settle Stars	readings this month: tant residual value: ngs with a low residua ngs with no detectable dendum (Public Notice ort(s) for individual filt ort(s) for individual filt IFE Reports are requi	i: 0 residual: 0 ADDIT  (as) is not required because there er monitoring required: er monitoring submitted: irred this month.  STATIST  Maximum turbidity reading: Minimum turbidity reading:	0.5 m	g/L, measured as Total ( (8) e of readings with a low r e of readings with a low r TS & WORKSHEETS technique or monitorings Filter Profile Filter Profile (9)  S OF TURBIDITY DAY TU TU TU	residual this month: residual last month: reporting violations reported.	0.0 % (6B)  CPE CPE (11)  0.17 NTU 0.066 NTU
Minimum disinfer Total number of readir Average disinfec Number of readir Number of readir The Page 1 Add Additional reporate additional No additional Settle Str. Sum	readings this month: tant residual value: ngs with a low residua ngs with no detectable dendum (Public Notice ort(s) for individual filt ort(s) for individual filt IFE Reports are requi	t: 0 residual: 0 ADDIT  (as) is not required because there er monitoring required: er monitoring submitted: ired this month.  STATIST  Maximum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading:	0.5 mast 120 required)   Percentag	g/L, measured as Total ( (8) e of readings with a low r e of readings with a low r TS & WORKSHEETS technique or monitorings Filter Profile Filter Profile (9)  S OF TURBIDITY DAY TU TU TU	residual this month: residual last month: reporting violations reported. Filter Assessment Filter Assessment (1)  TA  Average turbidity value: Standard deviation:  Average IFE turbidity value	0.0 % (6B)  O CPE O) CPE (11)  O.17 NTU O.066 NTU  O.08 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

Standard deviation:

Average pH value:

Standard deviation:

0.020 NTU

7.10 pH

0.061 pH

0.06 NTU

0.13 NTU

7.20 pH

7.00 pH

7.20 pH

STATISTICAL ANALYSIS OF pH DATA

Minimum CFE turbidity reading:

95th percentile CFE value:

Maximum pH reading:

Minimum pH reading:

95<sup>th</sup> percentile value:

Stastical

Summary

Last Zone pH

Stastical

Summary

**PUBLIC WATER** 

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

PLANT NAME PUBLIC WATER SWTP - THOMAS MACKEY WTP - BRAZOS SYSTEM NAME: GULF COAST WATER AUTHORITY TX CITY OR NUMBER: I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate PWS ID No .: 0840153 Plant ID No.: Operator's Signature: 14813 Report for November 3, 2022 WO0043519, A Date: October 2022 Certificate No. & Grade: the Month of: TREATMENT PLANT PERFORMANCE Number of 4-hour periods when plant was off-line: 0 186 Total number of turbidity readings: 130 Number of 4-hour periods when plant was on-line Number of readings above 0.10 NTU: 0 0 Number of readings above 0.3 NTU: but turbidity data was not collected: 0 Number of days when plant was on-line Number of readings above 0.5 NTU: but individual filter turbidity data was not collected: Number of readings above 1.0 NTU: 0 0 (2) Number of days with readings above 1.0 NTU: Maximum allowable turbidity level: 0.3 0 (3) 0.0 % (1) Number of days with readings above 5.0 NTU: Percentage of readings above this limit: 4.17 Average log inactivation for Giardia: Number of days with a low CT 116.22 for no more than 4.0 consecutive hours: 0 Average log inactivation for viruses: Number of days when profiling data was not collected: 0 Number of days with a low CT 0 (4) Number of days when CT data was not collected: for more than 4.0 consecutive hours: Minimum disinfectant residual required leaving the plant: 0.5 mg/L, measured as Total Chlorine 7.00 Minimum pH in the last disinfection zone: Number of days with a low residual for no more than 4.0 consecutive hours: 0.00 Number of days with pH below 7.0 in the last disinfection zone: Number of days when disinfectant residual Number of days with a low residual 0 0 (5) leaving the plant was not properly monitored: for more than 4.0 consecutive hours: DISTRIBUTION SYSTEM Minimum disinfectant residual required in distribution system: 0.5 mg/L, measured as Total Chlorine Total number of readings this month: 186 (at least 180 required) (8) Percentage of readings with a low residual this month: 0.0 % (6A) Average disinfectant residual value: 3.11 Number of readings with a low residual: 0 0.0 % (6B) Percentage of readings with a low residual last month: Number of readings with no detectable residual: 0 ADDITIONAL REPORTS & WORKSHEETS The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported. O CPE O Filter Assessment ( NONE 0 Filter Profile Additional report(s) for individual filter monitoring required: Additional report(s) for individual filter monitoring submitted: NONE Filter Profile (9) O Filter Assessment (10) O CPE (11) 0 No additional IFE Reports are required this month.

And the second s	an exploring			O AO AITH
Settled Water	Maximum turbidity reading:	1.26 NTU	Average turbidity value:	0.40 NTU
Stastical	Minimum turbidity reading:	0.14 NTU	Standard deviation:	0.291 NTU
Summary	95 <sup>th</sup> percentile value:	1.00 NTU		
IFE	Maximum IFE turbidity reading:	0.19 NTU	Average IFE turbidity value:	0.11 NTU
Stastical	Minimum IFEturbidity reading:	0.06 NTU	Standard deviation:	0.033 NTU
Summary	95 <sup>th</sup> percentile IFE value:	0.17 NTU		
CFE	Maximum CFE turbidity reading:	0.14 NTU	Average CFE turbidity value:	0.11 NTU
Stastical	Minimum CFE turbidity reading:	0.08 NTU	Standard deviation:	0.011 NTU
Summary	95 <sup>th</sup> percentile CFE value:	0.13 NTU		
	STATIS	TICAL ANALYSIS OF pH DATA		
Last Zone pH	Maximum pH reading:	7.30 pH	Average pH value:	7.10 pH
Stastical	Minimum pH reading:	7.00 pH	Standard deviation:	0.064 pH
Summary	95 <sup>th</sup> percentile value:	7.21 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

SYSTEM NAME:	GULF COAST WATER AUTHO	RITY TX CITY	OR NUMBER:	SWTP - THOMAS MACK	EY WTP - BRAZOS
			I certify that I am familiar with the informa		
PWS ID No.: Plant ID No.:	0840153	Operator's Signature:	to the best of my knowledge, the informa	ition is true, complete, and accurate	
Report for	14813	Operator a digitature.	My		
the Month of:	November 2022	Certificate No. & Grade	e: (	Date:	December 6, 2022
		TREATM	ENT PLANT PERFORMANCE		
	f turbidity readings:	180	Number of 4-hour periods when plant w		0
	lings above 0.10 NTU:	0	Number of 4-hour periods when plant w but turbidity data was not collected:	vas on-line	0
R .	lings above 0.3 NTU: lings above 0.5 NTU:		Number of days when plant was on-line		
	lings above 1.0 NTU:	0	but individual filter turbidity data was n		0
Maximum allow	vable turbidity level:	0.3	Number of days with readings above 1.0	O NTU:	0 (2)
Percentage of r	eadings above this limit:	0.0 % (1)	Number of days with readings above 5.0	0 NTU:	0 (3)
Number of days			Average log inactivation for Giardia:		3.70
	nn 4.0 consecutive hours:	0	Average log inactivation for viruses:	and the state of t	92.72
Number of days	s with a low CT .0 consecutive hours:	0 (4)	Number of days when profiling data was Number of days when CT data was not of		0
	fectant residual required leaving		0.5 mg/L, measured as Total Chlo		
	s with a low residual		Minimum pH in the last disinfection zon		6.92
	an 4.0 consecutive hours:	0	Number of days with pH below 7.0 in the		2.00
Number of days	s with a low residual	E-ACCOUNT COTOCOMP	Number of days when disinfectant resid		
	.0 consecutive hours:	0 (5)	leaving the plant was not properly moni		0
		DIS	STRIBUTION SYSTEM		
Minimum disinfe	ctant residual required in distrib	oution system:	0.5 mg/L, measured as Total Chlo	rine	
	readings this month:	180 (at least 18)	0 required) (8)		
	tant residual value:	3.10	Percentage of readings with a low resid	lual this month:	0.0 % (6A)
	ngs with a low residual: ngs with no detectable residual:	0	Percentage of readings with a low resid	lual last month:	0.0 % (6B)
Number of reading	igs with no detectable residual.	<u> </u>	r el centago or readings man a reco		
		ADDITIONA	L REPORTS & WORKSHEETS		
			L REPORTS & WORKSHELTS		
The Page 1 Add	dendum (Public Notices) is not r	equired because there were n	o treatment technique or monitoring/repo	orting violations reported.	
Additional repo	ort(s) for individual filter monitor	ring required:	o treatment technique or monitoring/repo	O Filter Assessment	O CPE
Additional repo	ort(s) for individual filter monito ort(s) for individual filter monito	ring required:	o treatment technique or monitoring/repo		
Additional repo	ort(s) for individual filter monitor	ring required:	o treatment technique or monitoring/repo	O Filter Assessment	
Additional repo	ort(s) for individual filter monito ort(s) for individual filter monito	ring required:	o treatment technique or monitoring/repo	O Filter Assessment	
Additional repo	ort(s) for individual filter monito ort(s) for individual filter monito	ring required: @ ring submitted: @ nonth.	o treatment technique or monitoring/repo	O Filter Assessment	
Additional repo Additional repo No additional	ort(s) for individual filter monito ort(s) for individual filter monito IFE Reports are required this m	ring required: @ ring submitted: @ nonth.	o treatment technique or monitoring/repo NONE	O Filter Assessment	O.37 NTU
Additional repo Additional repo No additional Settle	ort(s) for individual filter monitor ort(s) for individual filter monitor IFE Reports are required this monitor are required this monitor Maximun astical Maximun	ring required:  ring submitted:  conth.  STATISTICAL  n turbidity reading: turbidity reading:	O treatment technique or monitoring/repo	O Filter Assessment O Filter Assessment (10	) O CPE (11)
Additional repo Additional repo No additional Settle	ort(s) for individual filter monitor ort(s) for individual filter monitor IFE Reports are required this monitor are required this monitor Maximun astical Maximun	ring required:  ring submitted:  nonth.  STATISTICAL  n turbidity reading:	o treatment technique or monitoring/repo NONE	Filter Assessment Filter Assessment (10 Filter Assessment (10 Average turbidity value: Standard deviation:	0.37 NTU 0.189 NTU
Additional repo Additional repo No additional Settle Sta	ort(s) for individual filter monitor ort(s) for individual filter monitor in IFE Reports are required this me ed Water astical mmary  IFE  Maximun Maximun Maximun Maximun Maximun Maximun Maximun Maximun Maximun	ring required:  ring submitted:  conth.  STATISTICAL  n turbidity reading: turbidity reading:	O treatment technique or monitoring/repo	Filter Assessment Filter Assessment (10  Average turbidity value:	O.37 NTU

SURFACE WATER MONTHLY OPERATING REPORT

0.10 NTU

0.05 NTU

0.10 NTU

7.50 pH

6.92 pH

7.40 pH

STATISTICAL ANALYSIS OF pH DATA

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

0.07 NTU

0.014 NTU

7.20 pH

0.129 pH

Average CFE turbidity value:

Standard deviation:

Average pH value:

Standard deviation:

Maximum CFE turbidity reading:

Minimum CFE turbidity reading:

95th percentile CFE value:

Maximum pH reading:

Minimum pH reading:

95th percentile value:

CFE

Stastical

Summary

Last Zone pH

Stastical

Summary

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

PUBLIC WAT		ATER AUTHORITY TX CITY	PLANT NAME OR NUMBER:	SWTP - THOMAS MACKEY	WTP - BRAZOS
			I certify that Jam familiar with the infor		
PWS ID No.: Plant ID No.:	0840153	Operator's Signatu	to the best of my knowledge, the inform	mation is true, complete, and accurate.	
Report for	14813	——————————————————————————————————————			
the Month of	December 2022	Certificate No. & G	Grade: WO0043519, A	Date:	January 9, 2023
		TREA	TMENT PLANT PERFORMANCE	<b>数</b> 数据数据数据数据数据数据数据数据数据数据数据数据数据数据数据数据数据数据数	
	er of turbidity reading	20	Number of 4-hour periods when plant		0
	readings above 0.10 N readings above 0.3 N		Number of 4-hour periods when plant but turbidity data was not collected:	was off-line:	0
Number of	readings above 0.5 N	ти:0	Number of days when plant was on-li		
	readings above 1.0 NT allowable turbidity leve		but individual filter turbidity data was Number of days with readings above		0 (2)
	of readings above thi		Number of days with readings above		0 (3)
Number of	days with a low CT		Average log inactivation for Giardia:		3.31
	e than 4.0 consecutive	e hours:0	Average log inactivation for viruses:	t a alla adado	83.70 0
	days with a low CT an 4.0 consecutive ho	ours: 0 (4)	Number of days when profiling data w Number of days when CT data was no		0
Minimum d	isinfectant residual re	equired leaving the plant:	mg/L, measured as Total Ch	lorine	
	days with a low reside		Minimum pH in the last disinfection ze		7.09
			Number of days with pH below 7.0 in Number of days when disinfectant res		0.00
	days with a low reside an 4.0 consecutive ho		leaving the plant was not properly mo		0
			DISTRIBUTION SYSTEM		
Minimum dis	infectant residual req	uired in distribution system:	0.5 mg/L, measured as Total Ch	lorine	
	r of readings this mon		st 180 required) (8)		0.010/ (0.0)
	nfectant residual value eadings with a low res		Percentage of readings with a low res	sidual this month:	0.0 % (6A)
	eadings with no detect		Percentage of readings with a low res	sidual last month:	0.0 % (6B)
		ADDITIO	ONAL REPORTS & WORKSHEETS		
The Page 1	Addendum (Public N	otices) is not required because there we	ere no treatment technique or monitoring/re	porting violations reported.	
Additional	report(s) for individua	I filter monitoring required:	NONE     ○ Filter	er	sment CPE
		I filter monitoring submitted:	● NONE ○ Filte	er Profile OFilter Asses	sment (10) CPE (11)
No addition	onal IFE Reports are r	equired this month.			
P.2-Turbidi	ty Data	P.3-Filter Dat	P.4&5-Disinfection Data	P.6-TOCMOR	
Alternate Technol.					
Alter					
		STATISTIC	CAL ANALYSIS OF TURBIDITY DATA		
S	Settled Water	Maximum turbidity reading:	2.56 NTU	Average turbidity value:	0.56 NTU
S	Settled Water Stastical Summary			CONTRACTOR OF THE PARTY OF THE	0.56 NTU 0.562 NTU
S	Stastical	Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading:	2.56 NTU 0.11 NTU 1.77 NTU 0.20 NTU	Average turbidity value: Standard deviation:  Average IFE turbidity value:	0.562 NTU  0.08 NTU
S	Stastical Summary IFE Stastical	Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading: Minimum IFEturbidity reading:	2.56 NTU 0.11 NTU 1.77 NTU	Average turbidity value: Standard deviation:	0.562 NTU
S	Stastical Summary  IFE Stastical Summary	Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading: Minimum IFEturbidity reading: 95 <sup>th</sup> percentile IFE value:	2.56 NTU 0.11 NTU 1.77 NTU 0.20 NTU 0.04 NTU 0.16 NTU	Average turbidity value: Standard deviation: Average IFE turbidity value: Standard deviation:	0.562 NTU  0.08 NTU
S	Stastical Summary  IFE Stastical Summary  CFE Stastical	Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading: Minimum IFEturbidity reading: 95 <sup>th</sup> percentile IFE value:  Maximum CFE turbidity reading: Minimum CFE turbidity reading:	2.56 NTU 0.11 NTU 1.77 NTU  0.20 NTU 0.04 NTU 0.16 NTU  0.16 NTU 0.04 NTU	Average turbidity value: Standard deviation:  Average IFE turbidity value:	0.562 NTU  0.08 NTU  0.034 NTU
S	Stastical Summary  IFE Stastical Summary  CFE	Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading: Minimum IFEturbidity reading: 95 <sup>th</sup> percentile IFE value:  Maximum CFE turbidity reading: Minimum CFE turbidity reading: 95 <sup>th</sup> percentile CFE value:	2.56 NTU 0.11 NTU 1.77 NTU  0.20 NTU 0.04 NTU 0.16 NTU  0.16 NTU 0.13 NTU	Average turbidity value: Standard deviation:  Average IFE turbidity value: Standard deviation:  Average CFE turbidity value:	0.562 NTU  0.08 NTU  0.034 NTU  0.08 NTU
	Stastical Summary  IFE Stastical Summary  CFE Stastical Summary	Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading: Minimum IFEturbidity reading: 95 <sup>th</sup> percentile IFE value:  Maximum CFE turbidity reading: Minimum CFE turbidity reading: 95 <sup>th</sup> percentile CFE value:	2.56 NTU 0.11 NTU 1.77 NTU  0.20 NTU 0.04 NTU 0.16 NTU  0.16 NTU 0.13 NTU  STICAL ANALYSIS OF pH DATA	Average turbidity value: Standard deviation:  Average IFE turbidity value: Standard deviation:  Average CFE turbidity value: Standard deviation:	0.562 NTU  0.08 NTU  0.034 NTU  0.08 NTU
	Stastical Summary  IFE Stastical Summary  CFE Stastical	Maximum turbidity reading: Minimum turbidity reading: 95 <sup>th</sup> percentile value:  Maximum IFE turbidity reading: Minimum IFEturbidity reading: 95 <sup>th</sup> percentile IFE value:  Maximum CFE turbidity reading: Minimum CFE turbidity reading: 95 <sup>th</sup> percentile CFE value:	2.56 NTU 0.11 NTU 1.77 NTU  0.20 NTU 0.04 NTU 0.16 NTU  0.16 NTU 0.13 NTU	Average turbidity value: Standard deviation:  Average IFE turbidity value: Standard deviation:  Average CFE turbidity value:	0.562 NTU  0.08 NTU  0.034 NTU  0.08 NTU  0.025 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



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

# \*ALL MINERALS Analysis Report

Submitter Identification Number: 0840153

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

Date Reported: 03/29/2022

Report ID#: 20220329095004AF89485

Lab Sample ID#: AF89485

Water Source:

Date Collected: 03/17/2022 10:08

Sample Priority: NORMAL

Entry Point(s): EP001

Date Received : 03/18/2022

TCEQ ID#(s): 2218871

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Field pH Result	7.3	рН			
Diluted Conductance @ 25.0 °C 1	596	µmho/cm	SM 2510 B	03/22/2022 09:17	JR
Phenolphthalein Alkalinity as CaCO3	<10	mg/L	SM 2320B	03/18/2022 14:05	TT
Total Alkalinity as CaCO3	116	mg/L	SM 2320B	03/18/2022 14:05	TT
Bicarbonate	142	mg/L	SM 2320B	03/18/2022 14:05	TT
Carbonate	<10	mg/L	SM 2320B	03/18/2022 14:05	TT
Fluoride <sup>1</sup>	0.35	mg/L	EPA 300.0	03/18/2022 13:28	NP
Chloride <sup>1</sup>	61	mg/L	EPA 300.0	03/18/2022 13:28	NP
Sulfate 1	63	mg/L	EPA 300.0	03/18/2022 13:28	NP
Total Dissolved Solids <sup>1</sup>	324	mg/L	SM 2540C	03/18/2022 11:32	JR
Nitrate as N ¹	1.20	mg/L	EPA 353.2	03/18/2022 12:30	MD
Miliate as N	1.20	mg/L	2177000.2	03/10/2022 12:00	

Comments:

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

Authorized by Team Lead NPATEL on 03/25/2022



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#### Carbamates by HPLC **Analysis Report**

Submitter Identification Number: 0840153

GULF COAST WATER AUTHORITY TX CITY

JONES, RUSSELL, C 3630 HIGHWAY 1765

TEXAS CITY, TX 77591-4824

Date Reported: 03/29/2022

Report ID#: 20220329095004AF89632

Lab Sample ID#: AF89632

Water Source:

Date Collected: 03/17/2022 10:16

Conc. Units: µg/L

Sample Priority: NORMAL

Entry Point(s): EP001

Date Received: 03/18/2022

Method: EPA Method 531.1

TCEQ ID#(s): 2219791

Date Analyzed: 03/18/2022

Analyst: LZ

Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier
Aldicarb <sup>1</sup>	<0.5	
Aldicarb sulfone 1	<0.8	
Aldicarb Sulfoxide 1	<0.5	
Carbofuran <sup>1</sup>	<0.9	
Oxamyl <sup>1</sup>	<2.0	
Monitored Compounds	Result	Qualifier
Baygon	<2.0	
Carbaryl	<2.0	
3-Hydroxycarbofuran	<2.0	
Methiocarb	<4.0	
Methomyl	<2.0	
Comments:		

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

Authorized by Team Lead AVINYARD on 03/25/2022



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#### Pesticides by Method 508.1 Analysis Report

Submitter Identification Number: 0840153

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

Lab Sample ID#: AF89643

Water Source:

Sample Priority: NORMAL

Entry Point(s): EP001

< 0.1

< 0.2

TCEQ ID#(s): 2209478

Aroclor 1254 <sup>2</sup> Aroclor 1260 <sup>2</sup>

Comments:

Date Reported: 04/07/2022 Report ID#: 202204071

Report ID#: 20220407102054AF89643

Date Collected: 03/17/2022 10:08

Date Received: 03/18/2022

10:08 Conc. Units: ug/L Method: 508.1 Rev. 2.0

Date Analyzed: 03/25/2022

Analyst: JH Sample Cond.: Acceptable

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

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

Authorized by Group Manager TDUNN on 04/07/2022



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

### Semivolatiles Organic **Analysis Report**

APR 13 2022

Date Reported: 04/07/2022

Report ID#: 20220407102054AF89643

Submitter Identification Number: 0840153

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

Lab Sample ID#: AF89643 Sample Priority: NORMAL

TCEQ ID#(s): 2209478

Water Source:

Entry Point(s): EP001

Date Collected: 03/17/2022 10:08

Date Received: 03/18/2022 Date Analyzed: 03/22/2022

Extraction Date : 03/21/2022

Conc. Units: µg/L

Method: EPA 525.2 Analyst: KP

Sample Cond : Acceptable

			Extraction Date: 03/21/2022	Sample Cond. : Acceptable
Regulated Compounds	Result	Qualifier	Monitored Compounds continued	Result Qualifier
Alachlor <sup>1</sup>	<0.2		Dimethylphthalate	<2.0
Atrazine ¹	0.10	N	Fluorene	<0.20
Benzo[a]pyrene <sup>1</sup>	<0.02		2,2',3,3',4,4',6-Heptachlorobiphenyl	<0.50
alpha-Chlordane	<0.2		2,2',4,4',5,6'-Hexachlorobiphenyl	<0.20
gamma-Chlordane	< 0.2		Indeno[1,2,3-cd]pyrene	<0.20
trans-Nonachlor	<0.2		Metolachlor	<0.20
Di(2-ethylhexyl) adipate ¹	<0.6		Metribuzin	<0.20
Di(2-ethylhexyl) phthalate ¹	<0.6		Naphthalene	<0.20
Heptachlor <sup>1</sup>	< 0.04		2,2',3,3',4,5',6,6'-Octachlorobiphenyl	<0.50
Hexachlorobenzene <sup>1</sup>	< 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 <sup>1</sup>	< 0.1		Pyrene	<0.20
Simazine ¹	< 0.07		2,2',4,4'-Tetrachlorobiphenyl	<0.20
Monitored Compounds	Result	Qualifier	2,4,5-Trichlorobiphenyl	<0.20
	<0.20		Trifluralin	<0.20
Acenaphthene	<0.20		Tentatively Identified Compounds	Result Qualifier
Acenaphthylene	<0.20		HEXADECANOIC ACID	6.6
Aldrin	<0.20		OCTADECANOIC ACID	14
Anthracene	<0.20		Tentative identification of the largest non-target p	eaks is provided by
Benzo(a)anthracene	<0.20		comparison with the EPA/NIH mass spectral libra	ıry. Approximate
Benzo[b]fluoranthene Benzo[g,h,i]perylene	<0.20		quantitation is performed using internal standards response factor of one.	s and an assumed
	<0.20		Comments:	
Benzo[k]fluoranthene	<0.20	KX	N - See sample comments.	
Bromacil	<0.20	101	* - This analyte has known instability and/o	
Butachlor	<2.0		performance issues and quantitation should approximate.	d be considered
Butylbenzylphthalate	<0.20		K - The associated laboratory fortified blant	k spike (and/or its
2-Chlorobiphenyl	<0.20		duplicate) recovery was above method acc	
Chrysene	<0.20		X - The Minimum Reporting Limit (MRL) ve meet the method acceptance limits.	rification check did not
Dibenz[a,h]anthracene	<2.0		EPA Method 525.2-Presence of Atrazin	e confirmed by
Di-n-butylphthalate	<0.20		previous analyses per the Texas Drinkii	
2,3-Dichlorobiphenyl	<0.20		website. The test results on this report	relate only to the
Dieldrin	<2.0		sample identified on this report. The te	
Diethylphthalate	< 2.0		noted(1) meet all TNI (2016 Standard) r	equirements.



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#### Semivolatiles Organic **Analysis Report**

Submitter Identification Number: 0840153

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

Date Reported: 04/07/2022

Report ID#: 20220407102054AF89643

Lab Sample ID#: AF89643

Water Source:

Date Collected: 03/17/2022 10:08

Conc. Units: µg/L

Sample Priority: NORMAL

Entry Point(s): EP001

Date Received: 03/18/2022

Method: EPA 525.2

TCEQ ID#(s): 2209478

Date Analyzed: 03/22/2022

Analyst: KP

Extraction Date: 03/21/2022

Sample Cond. : Acceptable

Authorized by Group Manager TDUNN on 04/07/2022



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#### Trihalomethanes by GC/MS **Analysis Report**

Submitter Identification Number: 0840153

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

Lab Sample ID#: AF95672

Sample Priority: NORMAL

Entry Point(s): DBP2-01

Water Source:

TCEQ ID#(s): 2255241

Date Collected: 05/04/2022 11:24

Date Received: 05/06/2022

Date Analyzed: 05/10/2022

Date Reported: 05/19/2022

Report ID#: 20220519085401AF95672

Method: EPA 524.2 Analyst: AK

Conc. Units: µg/L

Sample Cond.: Acceptable

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

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

Authorized by Team Lead AMIERTSCH on 05/18/2022



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#### **EPA 552.2 Haloacetic Acids Analysis Report**

Submitter Identification Number: 0840153

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

Lab Sample ID#: AF95672

Water Source:

Sample Priority: NORMAL

TCEQ ID#(s): 2255241

Entry Point(s): DBP2-01

Date Reported: 05/19/2022

Report ID#: 20220519085401AF95672

Date Collected: 05/04/2022 11:24

Date Received: 05/06/2022

Conc. Units: µg/L

Method: 552.2 Rev 1.0

Date Analyzed: 05/13/2022 Extraction Date: 05/12/2022

Analyst: JL Sample Cond.: Acceptable

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	<2.0	M
Dichloroacetic acid	7.2	
Trichloroacetic acid	3.0	
Monobromoacetic acid	1.1	
Dibromoacetic acid	5.8	

#### 17.1 Total HAA5 1 Result Qualifier **Monitored Compounds** 7.1 Bromochloroacetic acid

Dalapon Comments:

M - The associated laboratory fortified matrix spike recovery was

<1.0

above method acceptance limits. Suspect Matrix.

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1)

meet all TNI (2016 Standard) requirements.

Authorized by Team Lead AMIERTSCH on 05/18/2022



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

> EDB and DBCP Analysis Report

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Date Reported: 03/31/2022

Submitter Identification Number: 0840153

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

Lab Sample ID#: AF89602 Sample Priority: NORMAL

Water Source:

Entry Point(s): EP001

TCEQ ID#(s): 2224792

Date Collected: 03/17/2022 10:16

Date Received: 03/18/2022

Date Analyzed: 03/24/2022 03:41

Extraction Date: 03/23/2022

Report ID#: 20220331090242AF89602

Conc. Units : µg/L

Method: 504.1 Rev. 1.1

Analyst: DP

Sample Cond.: Acceptable

Regulated Compounds	Result	Qualifier
Ethylene dibromide <sup>1</sup>	<0.01	
Dibromochloropropane 1	<0.02	
Non Regulated Compounds	Result	Qualifier
1,2,3-Trichloropropane	<0.05	
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 03/31/2022



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#### \*ALL METALS **Analysis Report**

Submitter Identification Number: 0840153

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

Date Reported: 04/26/2022

Report ID#: 20220426105813AF89505

Lab Sample ID#: AF89505

Comments:

Water Source:

Date Collected: 03/17/2022 10:08

Sample Priority: NORMAL

Entry Point(s): EP001

Date Received: 03/18/2022

TCEQ ID#(s): 2216389

Analyta	Result	Unit	Method	Date/Time Analyzed	Analyst
Analyte Acidification	Completed		EPA 200.2	03/18/2022	HN
pH Check	Completed		EPA 200.2	03/21/2022	KL
Turbidity Screen	Completed		SM 2130B	03/21/2022	KL
Visible Particles	Completed			03/21/2022	KL
	151	mg/L	SM 2340B	03/23/2022	KL
Total Hardness as CaCO3 by Calculation	101	mg/L	0111 20 102	00/20/20	
Aluminum <sup>1</sup>	< 0.0200	mg/L	EPA 200.8	04/05/2022	TH
Antimony <sup>1</sup>	< 0.0010	mg/L	EPA 200.8	04/05/2022	TH
Arsenic <sup>1</sup>	< 0.0020	mg/L	EPA 200.8	04/05/2022	TH
Barium <sup>1</sup>	0.0944	mg/L	EPA 200.8	04/05/2022	TH
Beryllium <sup>1</sup>	< 0.00080	mg/L	EPA 200.8	04/05/2022	TH
Cadmium <sup>1</sup>	< 0.0010	mg/L	EPA 200.8	04/05/2022	TH
Calcium	44.1	mg/L	EPA 200.7	03/23/2022	KL
Chromium <sup>1</sup>	< 0.0100	mg/L	EPA 200.8	04/05/2022	TH
Copper <sup>1</sup>	0.0153	mg/L	EPA 200.8	04/05/2022	TH
Iron 1	< 0.010	mg/L	EPA 200.7	03/23/2022	KL
Lead <sup>1</sup>	< 0.0010	mg/L	EPA 200.8	04/05/2022	TH
Magnesium <sup>1</sup>	10.0	mg/L	EPA 200.7	03/23/2022	KL
Manganese <sup>1</sup>	0.0079	mg/L	EPA 200.8	04/05/2022	TH
Mercury <sup>1</sup>	< 0.0040	mg/L	EPA 245.1	03/25/2022	BF
Nickel <sup>1</sup>	0.0034	mg/L	EPA 200.8	04/05/2022	TH
Potassium <sup>1</sup>	5.76	mg/L	EPA 200.7	03/23/2022	KL
Selenium <sup>1</sup>	< 0.0030	mg/L	EPA 200.8	04/05/2022	TH
Silver 1	< 0.0100	mg/L	EPA 200.8	04/05/2022	TH
Sodium <sup>1</sup>	47.4	mg/L	EPA 200.7	03/23/2022	KL
Thallium <sup>1</sup>	< 0.00040	mg/L	EPA 200.8	04/05/2022	TH
Zinc <sup>1</sup>	0.121	mg/L	EPA 200.8	04/05/2022	TH

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

Authorized by Team Lead EBOYER on 04/22/2022



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#### Herbicides in Drinking Water **Analysis Report**

RECEIVED MAY 0 2 2022

Submitter Identification Number: 0840153

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

Date Reported: 04/26/2022

Report ID#: 20220426105813AF89621

Lab Sample ID#: AF89621

Water Source:

Date Collected: 03/17/2022 10:16

Conc. Units: µg/L

Sample Priority: NORMAL

Entry Point(s): EP001

Date Received: 03/18/2022

Method: 515.4 Rev. 1.0

Date Analyzed: 03/25/2022

Analyst: DP

TCEQ ID#(s): 2222214

Extraction Date: 03/22/2022

Sample Cond.: Acceptable

Regulated Compounds	Result	Qualifier
2,4-D <sup>1</sup>	<0.1	
2,4,5-TP (Silvex) <sup>1</sup>	<0.2	
Pentachlorophenol 1	< 0.04	
Dalapon <sup>1</sup>	<1	
Dinoseb <sup>1</sup>	<0.2	
Picloram <sup>1</sup>	<0.1	
Non Regulated Compounds	Result	Qualifier
Acifluorfen	<1.0	
Bentazon	<2.0	
Chloramben	<1.0	
2,4-DB	<2.0	
Dicamba	<1.0	
3,5-Dichlorobenzoic acid	<1.0	
Dichlorprop	<2.0	
Quinclorac	<1.0	
2,4,5-T	<0.5	
Comments:		

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

Authorized by Team Lead AMIERTSCH on 04/20/2022

PWS\_0840153\_AC \_20220317\_Sample Collection Report

### Public Water System Sample Collection Analysis Report Public Water System ID #: TX0840153

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

Collection Date: 3/17/2022

Nater analyses are required by law (30 TAC 5290, THSC \$341.0315). I acknowledge that the sampling technician has been accompanied during sampling and that the sample has been collected from the correct location indicated on this form. Water systems are responsible for all laboratory fees. Palsification of this form or tampering with water samples is a crima punishable under state and federal law. Refusing to sample, including refusing to sign this form, will result in a monitoring and reporting violation(s), possible enforcement, and fines.

DEVON NORTH

WATER SYSTEM REPRESENTATIVE

JOSE GARCIA

				SAMPLING TECHNICIAN	and the state of t			The state of the state of	
SAMPLING FACILI	LOCATION		FACILITY LOCATION:	4001 5TH AVE N, TEXAS CITY			AT: N 2		
SAMPLE :	POINT: TRI	TAP	SAMPLE LOCATION:	MAIN LAB			ONG: W -		713
TAP FLU	SHING - S	TART: 9:47	FREE CHLORINE RESIDUAL:	mg/L	T	EMPERAT	URE: 68	F	
		END: 10:16	TOTAL CHLORINE RESIDUAL:	3.03 mg/L			рн: 7.3		
TIME	SAMPLE	ANALYSIS TYPE	CONTAINER	PRESERVATION	SAMPLE PERIOD	LAB	SAMPLE	PRIOR- ITY	- COMPLI- ANCE
10:08:39	2209478	SOC5	1 L AMBER GLASS	SODIUM SULFITE, HC1 PH<2, COOL 4C, DARK	YR2022	DSHS	RT	N	YES
10:08:45	2216389	MTL1	1 L PLASTIC OR GLASS	NO FIELD PRESERVATION	YR2022	DSHS	RT	N	YES
10:08:47	2218871	мін	1 L PLASTIC OR GLASS	COOL 4C	YR2022	DSHS	RT	N	YES
10:16:13	2219791	531	2 - 60 ML GLASS	SODIUM THIOSULFATE, MCA PH<3, CCOL 4C	3Y2022	DSHS	RT	N	AEa
10:16:20	2222214	515	2 - 40 ML AMBER GLASS	SODIUM SULFITE, COOL 10C, DARK	3¥2022	DSHS	RT	N	YES
10:16:24	2224792	504		SODIUM THIOSULFATE, COOL 4C	3¥2022	DSHS	RT	N	YES
COMMENTS:	LOT DHL	02/16/22 EXP	2 05/16/22						
10:16:37	2228403	CYMHIDE	1 L PLASTIC OR GLASS	ASCORBIC ACID, NAOH PH>12, COOL 4C	YR2022	DSHS	RT	N	YE3
10:16:38	2241021	NITRITE	100 ML PLASTIC OR GLASS	COOL 4C	9¥2022	DSHS	RT	N	YES

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

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

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

PWS\_0840153\_AC \_20220504\_Sample Collection Report

# Public Water System Sample Collection Analysis Report

Public Water System ID #: TX0840153

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

Collection Date: 5/4/2022

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

DEVON NORTH

WATER SYSTEM REPRESENTATIVE

JOSE GARCIA

SAMPLING TECHNICIAN

SAMPLING LOCATION

FACILITY ID: DS01 SAMPLE POINT: DBP2-01 FACILITY LOCATION: DISTRIBUTION SYSTEM

LAT: N 29.388338

SAMPLE LOCATION: 3630 FM 1765-MAIN OFFICE RR

LONG: W -94.956773

TAP FLUSHING - START: 11:00

FREE CHLORINE RESIDUAL:

mg/L

TEMPERATURE: 78 'F

END: 11:24 SAMPLE

TOTAL CHLORINE RESIDUAL: 3.3 mg/L

pH: 7.6 SAMPLE

TIME 11:24:36

ANALYSIS ID TYPE 2255241 DBP2

CONTAINER PRESERVATION 2-40 ML CLEAR/2-60 ML AMBER Na2S2O3/NH4C1, COOL 4C, DARK SAMPLE PERIOD LAB YR2022 DSHS RT N YES

ITY ANCE TYPE

COMMENTS: 6

PWS\_0840153\_AC \_20220722\_Sample Collection Report

### Public Water System Sample Collection Analysis Report

Public Water System ID #: TX0840153

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

Collection Date: 7/22/2022

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

DEVON NORTH

WATER SYSTEM REPRESENTATIVE

JOSE GARCIA

SAMPLING TECHNICIAN

SAMPLING LOCATION FACILITY ID: EPOO1

FACILITY LOCATION: 4001 5TH AVE N, TEXAS CITY

LAT: N 29.387993

LONG: W -94.956498

SAMPLE POINT: TRT-TAP

SAMPLE LOCATION: MAIN LAB

TEMPERATURE: 84 'F

TAP FLUSHING - START: 10:00 END: 10:16

2206800

FREE CHLORINE RESIDUAL: --TOTAL CHLORINE RESIDUAL: 3.86 mg/L

pH: 7.8 PRIOR- COMPLI-ITY ANCE SAMPLE SAMPLE ITY

SAMPLE TIME ID 10:20:19

ANALYSIS VOC

PRESERVATION 2 - 40 ML GLASS & FIELD BLA ASCORBIC ACID, HCl PH<2, COOL 4C PERIOD T.AB YR2022

COMMENTS: LOT DHL 06/03/22 EXP 09/03/22



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

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

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

Submitter Identification Number: 0840153

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

Lab Sample ID#: AG06107 Sample Priority: NORMAL Water Source:

Entry Point(s): EP001

TCEQ ID#(s): 2206800

Chloromethane

Bromomethane

Chloroethane

2-Chlorotoluene

4-Chlorotoluene

Bromobenzene

1,2,3-Trichloropropane

2,2-Dichloropropane

cis-1,3-Dichloropropene

trans-1,3-Dichloropropene

1,1,1,2-Tetrachloroethane

RECEIVED AUG 2 3 2022

Date Reported: 08/16/2022

Report ID#: 20220816120641AG06107

Date Collected: 07/22/2022 10:20

Date Received: 07/26/2022

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

Date Analyzed: 07/27/2022 Sample Cond. : Acceptable

TOEG IBII(0). ZESSSSS				Sample Cond.:	Acceptable
Regulated Cmpds.[40 CFR 141.61(a)]	Result	Qualifier	Monitored Cmpds.[40 CFR 141.40(j)]	Result	Qualifier
Benzene <sup>1</sup>	<0.5		1,2,4-Trimethylbenzene	<1.0	
Carbon tetrachloride <sup>1</sup>	<0.5		1,2,3-Trichlorobenzene	<1.0	
Monochlorobenzene <sup>1</sup>	<0.5		n-Propylbenzene	<1.0	
o-Dichlorobenzene	<0.5		n-Butylbenzene	<1.0	
para-Dichlorobenzene <sup>1</sup>	<0.5		Naphthalene	<1.0	
1,2-Dichloroethane <sup>1</sup>	<0.5		Hexachlorobutadiene	<1.0	
1,1-Dichloroethylene <sup>1</sup>	<0.5		1,3,5-Trimethylbenzene	<1.0	
	<0.5		4-Isopropyltoluene	<1.0	
cis-1,2-Dichloroethylene 1	<0.5		Isopropylbenzene	<1.0	
trans-1,2-Dichloroethylene <sup>1</sup>	<0.5		t-Butylbenzene	<1.0	
1,2-Dichloropropane <sup>1</sup>	<0.5		s-Butylbenzene	<1.0	
Dichloromethane 1	<0.5		Trichlorofluoromethane	<2.0	
Ethylbenzene <sup>1</sup>	<0.5		Dichlorodifluoromethane	<2.0	
Styrene 1	<0.5		Bromochloromethane	<1.0	
Tetrachloroethylene <sup>1</sup>	<0.5		Other Compounds	Result	Qualifier
Toluene <sup>1</sup> 1,2,4-Trichlorobenzene <sup>1</sup>	<0.5			410	0
1,1,1-Trichloroethane 1	<0.5		Acetone	<10	G
1,1,2-Trichloroethane 1	<0.5		Acrylonitrile	<10	
Trichloroethylene <sup>1</sup>	<0.5		2-Butanone (MEK)	<10	
	<0.5		Carbon disulfide	<1.0	
Vinyl chloride <sup>1</sup>	<0.5		Ethyl methacrylate	<1.0	
Xylenes (total) ¹	Result	Qualifier	2-Hexanone	<1.0	
Monitored Cmpds.[40 CFR 141.40(e)]	Result	Qualifier	- Iodomethane	<5.0	
Chloroform	2.9		Methyl methacrylate	<1.0	
Bromodichloromethane	11		4-Methyl-2-pentanone (MIBK)	<2.0	
Dibromochloromethane	24		Methyl-t-butyl ether (MTBE)	<0.5	
Bromoform	16		Tetrahydrofuran	<5.0	
Dibromomethane	<1.0		Comments:		
1,3-Dichlorobenzene	<1.0		G - CCV/LFB recovery was below method a	cceptance limits.	
1,1-Dichloropropene	<1.0				
1,1-Dichloroethane	<1.0		The test results on this report relate onl	y to the sample	stad(1)
1,1,2,2-Tetrachloroethane	<1.0		identified on this report. The test results		neu( )
	<1.0	_	meet all TNI (2016 Standard) requireme		
1,3-Dichloropropane	<2.0		Authorized by Group Manager TD	UNN on 08/12/20	22

<2.0

< 2.0

<1.0

<1.0

<2.0

<1.0

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## Texas Commission on Environmental Quality

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

Public Water System (PWS) name: GOUF COAST WATER AUTHOLZITY
Public Water System (PWS) name: Gour Coast Water Authority  PWS ID:
30 TAC 290.46(q)(1) requires that your PWS make an adequate, good-faith effort to reach <u>all</u> consumers served by the system by appropriate methods (check all below that apply):
COMMUNITY WATER SYSTEM (perform one or more of the following):  Furnish a copy of the Notice to radio and television stations serving the PWS service area  Publish Notice in a local newspaper serving the PWS service area  Direct delivery of Notice to customers  Continuously post Notice in conspicuous places within affected PWS service area  Electronic delivery or alert systems (e.g., reverse 911)
NONCOMMUNITY WATER SYSTEM (perform one or more of the following):  Direct delivery of Notice to customers Continuously post Notice in conspicuous places within affected PWS service area Electronic delivery or alert systems (e.g., reverse 911)
In accordance with 30 TAC §290.122(g), all public water systems that are required to issue public notice to persons in accordance with 30 TAC §290.122, and that sell or otherwise provide drinking water to other public water systems (i.e., consecutive systems), shall provide public notice to the owner or operator of the consecutive systems.
☐ This PWS provides water to consecutive systems and those systems have been provided public notice.
Notice to Consecutive Systems was delivered on:(date) by the following means:
Note: Please include a listing of consecutive systems notified in Comments or attach.  Comments:

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

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

Date of Delivery to Customers: 02/05/22	Phone: 281-947-1917
	Title: PLANT SUPERINTENDENT
Certified by: (print name): Tony Gavia Signature: Atomo Hami	Date: 02/08/22
E-mail (PWSRWN@tceg.texas.gov) or mail a c	ony of this completed form, AND

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