

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 (cont.)
Disinfection Data Page (cont.)

PUBLIC WATER SYSTEM NAME: River Place MUD
PWS ID No.: 2270252

PLANT NAME OR NUMBER: RIVER PLACE WTP
Month: August Year: 2014

DISINFECTION PROCESS PARAMETERS							
APPROVED CT STUDY PARAMETERS					PERFORMANCE STANDARDS		
Parameters	Disinfection Zones					Log Inactivations	
	D1	D2	D3	D4	D5	Giardia lamblia Cysts	Virus
Flow Rate (MGD)	2.290	0.916	5.760			0.5	2.0
T ₁₀ (minutes)	40.4	8.4	111.8				

PERFORMANCE DATA									
Date	DISINFECTION PROCESS DATA								
	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
17	FCL D1	0.0	3.497	27.5	7.6				
	FCL D2	0.5	0.699	27.0	7.5				
	CLA D3	2.7	3.353	26.2	7.5	2.48	18.48	4.97	
	D4							(G)	
	D5								
18	FCL D1	0.0	3.545	26.0	7.6				
	FCL D2	0.7	0.709	25.5	7.5				
	CLA D3	2.8	3.340	26.7	7.5	2.66	22.12	5.33	
	D4							(G)	
	D5								
19	FCL D1	0.0	3.545	26.4	7.5				
	FCL D2	0.6	0.709	25.0	7.3				
	CLA D3	2.7	3.303	25.6	7.5	2.56	18.74	5.11	
	D4							(G)	
	D5								
20	FCL D1	0.0	3.481	25.8	7.6				
	FCL D2	1.5	0.696	26.4	7.5				
	CLA D3	3.1	3.336	26.0	7.5	3.50	44.20	7.00	
	D4							(G)	
	D5								
21	FCL D1	0.0	3.580	27.2	7.6				
	FCL D2	1.4	0.716	26.0	7.5				
	CLA D3	3.0	3.254	27.7	7.5	3.36	40.41	6.72	
	D4							(G)	
	D5								
22	FCL D1	0.0	3.552	26.9	7.6				
	FCL D2	1.1	0.710	26.5	7.4				
	CLA D3	3.0	3.371	25.5	7.5	3.16	33.20	6.31	
	D4							(G)	
	D5								
23	FCL D1	0.0	3.470	27.0	7.7				
	FCL D2	0.9	0.694	27.4	7.5				
	CLA D3	2.8	3.420	28.3	7.4	2.87	30.83	5.73	
	D4							(G)	
	D5								
24	FCL D1	0.0	3.501	26.5	7.6				
	FCL D2	0.5	0.700	26.9	7.5				
	CLA D3	2.8	3.427	27.6	7.5	2.51	18.99	5.02	
	D4							(G)	
	D5								

PERFORMANCE DATA									
Date	DISINFECTION PROCESS DATA								
	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
25	FCL D1	0.0	3.484	27.3	7.6				
	FCL D2	0.8	0.698	26.8	7.3				
	CLA D3	3.0	3.414	27.7	7.3	2.96	27.27	5.91	
	D4							(G)	
	D5								
26	FCL D1	0.0	3.436	27.2	7.6				
	FCL D2	0.7	0.687	27.0	7.4				
	CLA D3	2.7	3.369	25.7	7.5	2.67	23.89	5.34	
	D4							(G)	
	D5								
27	FCL D1	0.0	3.536	26.2	7.6				
	FCL D2	0.8	0.707	24.6	7.4				
	CLA D3	3.0	3.402	26.0	7.5	2.83	23.39	5.66	
	D4							(G)	
	D5								
28	FCL D1	0.0	3.500	26.7	7.5				
	FCL D2	0.7	0.700	26.7	7.4				
	CLA D3	3.2	3.372	26.5	7.4	3.02	24.44	6.04	
	D4							(G)	
	D5								
29	FCL D1	0.0	3.562	26.4	7.5				
	FCL D2	1.0	0.712	25.8	7.5				
	CLA D3	3.0	3.395	25.5	7.5	3.00	29.39	5.99	
	D4							(G)	
	D5								
30	FCL D1	0.0	3.544	26.5	7.5				
	FCL D2	0.4	0.708	25.8	7.4				
	CLA D3	2.8	3.457	25.5	7.5	2.39	14.65	4.78	
	D4							(G)	
	D5								
31	FCL D1	0.0	3.260	25.7	7.6				
	FCL D2	1.1	0.652	25.1	7.5				
	CLA D3	2.9	3.324	25.4	7.4	3.07	32.73	6.14	
	D4							(G)	
	D5								
						Max	3.50	44.20	
						Min	2.39	14.65	
						Avg	2.86	27.66	
						SD	0.30	8.25	

NOTE: = ONLY use the "Time=" column to show the length of time that the total inactivation ratio was less than 1.00.

SUBMITTED BY:

Certificate No. and Grade: WS0010736, C

Date: September 9, 2014

TCEQ - 0102C (07-19-10)

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SWMOR

COA Resp to PUC RFI-1074

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR) FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

PUBLIC WATER SYSTEM NAME: River Place MUD
PWS ID No.: 2270252

PLANT NAME OR NUMBER: RIVER PLACE WTP
Month: August Year: 2014

Type of treatment: ☒ Conventional ☐ Unconventional explain:

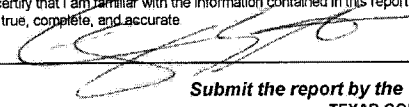
Note: Systems are required to run one TOC Sample Set every month. Additional space is provided for those systems that do additional sampling

Test No.	Test Date	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required Removal %	Step 1 Removal Ratio	Optional data		COMPLIANCE REMOVAL RATIO
		Raw Alkalinity	Raw TOC	Treated TOC				Step 2 Required % Removal	Step 2 Removal Ratio	
		Enter the Sample Set results								
1	8/13	161	3.49	3.06	12.3	15	0.82			0.82
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
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20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Avg		161.00	3.49	3.06	12.32		0.82			0.82
Max		161.00	3.49	3.06	12.32		0.82			0.82
Min		161.00	3.49	3.06	12.32		0.82			0.82

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summary: Don't forget to include a copy of your P-7-TOC ACC worksheet with your report.					Monthly Compliance Ratio
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	
161	3.49	3.06	12.3	6 Mo. Avg	1.00

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

Operator's Signature: 

Certificate No. and Grade: WS0010736, C

Date: September 9, 2014

Submit the report by the 10th of the month following the reporting period to:

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

TOC ALTERNATIVE COMPLIANCE CRITERIA REPORT
FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

PUBLIC WATER SYSTEM NAME: River Place MUD
PWS ID No.: 2270252

PLANT NAME OR NUMBER: RIVER PLACE WTP
Month: August Year: 2014

This Alternative Compliance Criteria (ACC) Report is being submitted to request the following ACC: (check one)
(Before you can begin entering data, you must put an "X" in the box that shows the number of the Alternative Compliance Criteria you are applying for.)

#1 ☐ #2 ☐ #3 ☐ #4 ☐ #5 ☐ #6 ☒ #7 ☐ #8 ☐

ACC #1

ACC #2

ACC #3

ACC #4

ACC #5

Treated water SUVA less than or equal to 2.0 L/mg-m?
(either based on most recent month's data OR calculated quarterly as a running annual average)
(Treated water SUVA is the dissolved organic carbon concentration divided by the ultraviolet light absorption at 254 nanometers in the finished water before any disinfection of any kind, or measured using a finished water SUVA Jar test. (See the Instructions worksheet for more info.) Measure monthly.

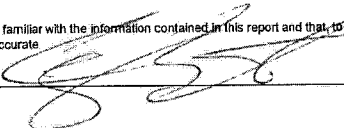
ACC #6 Treated water SUVA measured: ☒ In Plant
☐ By Finished Water SUVA Jar Test

Current Month SUVA
1.01

ACC #7

ACC #8

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

Operator's Signature: 

Certificate No. and Grade: WS0010736_C

Date: September 9, 2014

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: River Place MUD

PLANT NAME

OR NUMBER: RIVER PLACE WTP

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.: 2270252

Operator's Signature: _____

Report for

the Month of: September 2014

Certificate No. & Grade: WO0003008, A

Date: October 7, 2014

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings: <u>179</u>	Number of 4-hour periods when plant was off-line: <u>0</u>	
Number of readings above 0.10 NTU: <u>0</u>	Number of 4-hour periods when plant was on-line but turbidity data was not collected: <u>0</u>	
Number of readings above 0.3 NTU: <u>0</u>	Number of days when plant was on-line but individual filter turbidity data was not collected: <u>0</u>	
Number of readings above 0.5 NTU: <u>0</u>	Number of days with readings above 1.0 NTU: <u>0</u> (2)	
Number of readings above 1.0 NTU: <u>0</u>	Number of days with readings above 5.0 NTU: <u>0</u> (3)	
Maximum allowable turbidity level: <u>0.3</u>		
Percentage of readings above this limit: <u>0.0</u> % (1)		
Statistical Summary	Maximum turbidity reading: <u>#REF!</u> NTU	Average turbidity value: <u>#REF!</u> NTU
	Minimum turbidity reading: <u>#REF!</u> NTU	Standard deviation: <u>#REF!</u> NTU
	CFE 95 th percentile value: <u>#REF!</u> NTU	IFE 95 th percentile: <u>0.126</u> NTU
Number of days with a low CT for no more than 4.0 consecutive hours: <u>0</u>	Average log inactivation for Giardia: <u>2.91</u>	
Number of days with a low CT for more than 4.0 consecutive hours: <u>0</u> (4)	Average log inactivation for viruses: <u>26.93</u>	
	Number of days when profiling data was not collected: <u>0</u>	
	Number of days when CT data was not collected: <u>0</u>	
Minimum disinfectant residual required leaving the plant: <u>0.5</u> mg/L, measured as Total Chlorine		
Number of days with a low residual for no more than 4.0 consecutive hours: <u>0</u>		
Number of days with a low residual for more than 4.0 consecutive hours: <u>0</u> (5)	Number of days when disinfectant residual leaving the plant was not properly monitored: <u>0</u>	

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system: <u>0.5</u> mg/L, measured as Total Chlorine	
Total number of readings this month: <u>33</u> (at least 30 required) (8)	Percentage of readings with a low residual this month: <u>0.0</u> % (6A)
Average disinfectant residual value: <u>2.44</u>	Percentage of readings with a low residual last month: <u>0.0</u> % (6B)
Number of readings with a low residual: <u>0</u>	
Number of readings with no detectable residual: <u>0</u>	

ADDITIONAL REPORTS & WORKSHEETS

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

Additional report(s) for individual filter monitoring required:

☒ NONE

☐ Filter Profile

☐ Filter Assessment

☐ CPE

Additional report(s) for individual filter monitoring submitted:

☒ NONE

☐ Filter Profile (9)

☐ Filter Assessment (10)

☐ CPE (11)

No additional IFE Reports are required this month.

SURFACE WATER MONTHLY OPERATING REPORT

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

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER (cont.)

Turbidity Data Page

PUBLIC WATER SYSTEM NAME: <u>River Place MUD</u> PWS ID No.: <u>2270252</u> Month: <u>September</u> Year: <u>2014</u>	PLANT NAME OR NUMBER: <u>RIVER PLACE WTP</u> Connections: <u>1,013</u> Population: <u>3,039</u>
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PERFORMANCE DATA																		
Date	Raw Water Pumpage (MGD)	Treated Water Pumpage (MGD)	RAW WATER ANALYSES		SETTLED WATER TURBIDITY (Mandatory Data)						FINISHED WATER QUALITY						Lowest Residual	Time
			NTU	Alk.	Basin No.						Turbidity							
					1	2	3	4	5	6	NTU1	NTU2	NTU3	NTU4	NTU5	NTU6		
1	1.059	1.024	10	167	0.7	0.7					0.06	0.06	0.06	0.06	0.06	0.06	2.1	
2	1.787	1.776	8	173	0.4	0.4					0.06	0.06	0.06	0.06	0.05	0.06	2.1	
3	2.378	2.217	8	165	0.4	0.4					0.06	0.05	0.05	0.05	0.05	0.05	2.0	
4	1.254	1.200	10	169	0.6	0.6					0.05	0.05	0.05	0.05	0.05	0.05	2.2	
5	0.805	0.767	10	174	0.6	0.7					0.05	0.05	0.05	0.05	0.05	0.05	2.2	
6	0.403	0.391	6	171	0.6	0.6					0.05	0.05	0.05	0.05	0.05	0.05	2.1	
7	0.850	0.812	8	176	0.7	0.6					0.05	0.05	0.05	0.05	0.05	0.05	2.1	
8	0.852	0.791	6	176	0.5	0.4					0.05	0.05	0.05	0.05	0.05	0.05	2.3	
9	1.727	1.628	8	171	0.7	0.4					0.05	0.05	0.05	0.05	0.05	0.05	2.4	
10	2.179	2.058	7	168	0.6	0.7					0.05	0.05	0.05	0.05	0.05	0.05	1.2	
11	1.084	1.028	6	17	0.7	0.8					0.05	0.06	0.06	0.06	0.06	0.06	2.1	
12	0.534	0.508	8	168	0.4	0.4					0.06	0.06	0.06	0.06	0.06	0.06	2.0	
13	0.827	0.824	9	167	2.0	1.5					0.06	0.06	0.06	0.06	0.06	0.06	1.9	
14	0.724	0.691	12	190	1.6	1.0					0.06	0.06	0.06	0.06	0.06	0.06	2.0	
15	0.617	0.597	10	177	0.6	0.8					0.06	0.06	0.06	0.06	0.06	0.06	2.2	
16	1.272	1.219	7	175	0.6	0.3					0.06	0.06	0.06	0.06	0.06	0.06	2.2	
17	1.221	1.157	7	170	0.5	0.4					0.06	0.06	0.06	0.06	0.06	0.06	2.3	
18	0.583	0.596	8	173	1.3	0.6					0.05	0.05	0.06	0.06	0.06	0.06	2.3	
19	0.493	0.456	9	169	1.0	0.8					0.06	0.06	0.06	0.06	0.06	0.06	2.2	
20	0.575	0.604	8	176	0.6	0.6					0.06	0.06	0.06	0.06	0.06	0.06	2.1	
21	0.824	0.751	6	177	0.6	0.5					0.06	0.06	0.06	0.06	0.06	0.06	2.2	
22	0.568	0.456	6	168	0.5	0.3					0.06	0.06	0.06	0.06	0.06	0.06	2.1	
23	1.217	1.179	6	178	0.6	0.3					0.06	0.06	0.06	0.06	0.06	0.06	1.9	
24	1.491	1.418	7	173	0.3	0.4					0.06	0.06	0.07	0.07	0.07	0.07	2.0	
25	0.768	0.759	11	176	0.6	0.6					0.07	0.07	0.08	0.08	0.08	0.08	1.8	
26	0.571	0.560	8	176	0.5	0.4					0.08	0.08	0.08	0.08	0.08	0.08	2.2	
27	0.674	0.650	7	179	1.0	0.8					0.08	0.08	0.08	0.08	0.08	0.08	1.2	
28	0.849	0.794	8	174	1.0	1.6					0.08	0.08	0.08	0.08	0.08	0.08	1.9	
29	0.665	0.633	5	168	0.5	0.4					0.08	0.08	0.08	0.08	0.08	0.08	1.9	
30	1.373	1.297	4	178	0.6	0.6					0.08	0.08	0.08	0.07	0.07	0.07	2.1	
31																		
Total	30.224	28.841																
Avg	1.007	0.961																
Max	2.378	2.217																
Min	0.403	0.391																
NOTE: ONLY use the "Time" column to show the length of time that the disinfectant residual entering the distribution system fell below the acceptable level.																		

NOTE: ONLY use the "Time" column to show the length of time that the disinfectant residual entering the distribution system fell below the acceptable level.

SUBMITTED BY: [Signature] Certificate No. and Grade: WO0003008, A Date: October 7, 2014

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 (cont.)

Filter Data Page

PUBLIC WATER
SYSTEM NAME: River Place MUD

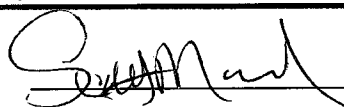
PLANT NAME
OR NUMBER: RIVER PLACE WTP

PWS ID No.: 2270252

Month: September Year: 2014

PERFORMANCE DATA																				
INDIVIDUAL FILTER TURBIDITY																				
Date	Filter No. 1		Filter No. 2		Filter No. 3		Filter No. 4		Filter No. 5		Filter No. 6		Filter No. 7		Filter No. 8		Filter No. 9		Filter No. 10	
	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs
1	0.06		0.06		0.07		0.07		0.08											
2	0.08		0.07		0.05		0.05		0.08											
3	0.05		0.07		0.05		0.05		0.08											
4	0.05		0.06		0.05		0.05		0.14											
5	0.06		0.09		0.05		0.05		0.08											
6	0.05		0.07		0.05		0.04		0.08											
7	0.05		0.07		0.05		0.04		0.08											
8	0.05		0.06		0.05		0.04		0.08											
9	0.05		0.06		0.04		0.04		0.07											
10	0.13		0.33		0.07		0.04		0.08											
11	0.06		0.09		0.07		0.07		0.11											
12	0.06		0.08		0.05		0.07		0.11											
13	0.06		0.07		0.05		0.06		0.10											
14	0.06		0.07		0.05		0.05		0.09											
15	0.06		0.07		0.05		0.05		0.08											
16	0.05		0.06		0.05		0.05		0.08											
17	0.05		0.06		0.05		0.05		0.08											
18	0.06		0.06		0.08		0.06		0.10											
19	0.06		0.06		0.04		0.05		0.09											
20	0.07		0.07		0.04		0.05		0.09											
21	0.07		0.07		0.04		0.05		0.09											
22	0.06		0.06		0.05		0.05		0.09											
23	0.08		0.10		0.09		0.05		0.09											
24	0.07		0.22		0.09		0.12		0.16											
25	0.06		0.07		0.08		0.11		0.16											
26	0.06		0.08		0.07		0.09		0.14											
27	0.08		0.09		0.07		0.09		0.13											
28	0.07		0.07		0.07		0.08		0.12											
29	0.07		0.07		0.06		0.08		0.12											
30	0.07		0.07		0.06		0.08		0.12											
31																				

SUMMARY & COMPLIANCE ACTIONS	Criteria	Filter No.										Plant	
		1	2	3	4	5	6	7	8	9	10		
	Number of days with event(s) above 0.5 NTU at 4.0 hrs this month												
	Number of days with event(s) above 1.0 NTU this month	0	0	0	0	0							
	Number of days with event(s) above 1.0 NTU last month	0	0	0	0	0							
	Number of days with event(s) above 1.0 NTU two months ago	0	0	0	0	0							
	Total number of days with event(s) above 1.0 NTU in three months	0	0	0	0	0							
	Number of days with event(s) above 2.0 NTU this month											0	
	Number of days with event(s) above 2.0 NTU last month											0	
	Does the filter/plant have an approved Corrective Action Plan?	N	N	N	N	N							N
	Is the plant required to submit a Filter Profile Report?	N	N	N	N	N							
	Is the plant required to submit a Filter Assessment Report?	N	N	N	N	N							
	Is the plant required to submit a Request for Compliance CPE?											N	

SUBMITTED BY: 

Certificate No. and Grade: WO0003008, A

Date: October 7, 2014

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 (cont.)
Disinfection Data Page

PUBLIC WATER
SYSTEM NAME: River Place MUD
PWS ID No.: 2270252

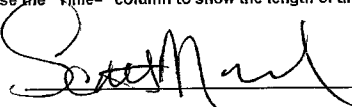
PLANT NAME
OR NUMBER: RIVER PLACE WTP
Month: September Year: 2014

DISINFECTION PROCESS PARAMETERS							
APPROVED CT STUDY PARAMETERS					PERFORMANCE STANDARDS		
Parameters	Disinfection Zones					Log Inactivations	
	D1	D2	D3	D4	D5	Giardia lamblia Cysts	Viruses
Flow Rate (MGD)	2.290	0.916	5.760			0.5	2.0
T ₁₀ (minutes)	40.4	8.4	111.8				

PERFORMANCE DATA									
Date	DISINFECTION PROCESS DATA								
	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
1	FCL D1	0.0	3.442	25.4	7.6				
	FCL D2	1.0	0.688	25.3	7.5				
	CLA D3	3.0	3.349	24.3	7.6	2.89	29.01	5.79	
	D4							(S)	
	D5								
2	FCL D1	0.0	3.483	27.0	7.6				
	FCL D2	1.0	0.696	26.8	7.5				
	CLA D3	3.0	3.378	26.5	7.5	3.08	32.12	6.16	
	D4							(S)	
	D5								
3	FCL D1	0.0	3.296	27.2	7.6				
	FCL D2	0.9	0.659	25.9	7.5				
	CLA D3	3.4	3.240	25.5	7.5	3.41	29.92	6.82	
	D4							(S)	
	D5								
4	FCL D1	0.0	3.504	27.1	7.6				
	FCL D2	1.4	0.700	27.2	7.5				
	CLA D3	3.5	3.248	26.8	7.5	3.87	44.83	7.74	
	D4							(S)	
	D5								
5	FCL D1	0.0	3.379	25.7	7.6				
	FCL D2	0.6	0.718	25.5	7.5				
	CLA D3	3.2	3.591	25.0	7.5	2.72	19.28	5.44	
	D4							(S)	
	D5								
6	FCL D1	0.0	3.307	26.9	7.6				
	FCL D2	0.7	0.716	26.1	7.5				
	CLA D3	3.1	3.307	26.2	7.5	2.93	23.10	5.86	
	D4							(S)	
	D5								
7	FCL D1	0.0	3.380	26.1	7.6				
	FCL D2	0.6	0.708	25.9	7.5				
	CLA D3	2.8	3.540	25.6	7.5	2.49	19.47	4.97	
	D4							(S)	
	D5								
8	FCL D1	0.0	3.579	28.3	7.5				
	FCL D2	0.5	0.715	27.3	7.5				
	CLA D3	3.0	3.444	26.3	7.5	2.65	18.93	5.30	
	D4							(S)	
	D5								

PERFORMANCE DATA									
Date	DISINFECTION PROCESS DATA								
	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
9	FCL D1	0.0	3.568	28.2	7.6				
	FCL D2	1.0	0.713	27.6	7.5				
	CLA D3	3.2	3.356	26.9	7.5	3.27	33.57	6.55	
	D4							(S)	
	D5								
10	FCL D1	0.0	3.564	27.6	7.6				
	FCL D2	1.6	0.712	26.4	7.4				
	CLA D3	3.5	3.332	27.2	7.5	3.89	47.20	7.78	
	D4							(S)	
	D5								
11	FCL D1	0.0	3.542	25.9	7.5				
	FCL D2	1.3	0.708	25.9	7.5				
	CLA D3	3.4	3.336	26.1	7.5	3.55	38.06	7.09	
	D4							(S)	
	D5								
12	FCL D1	0.0	3.577	25.5	7.6				
	FCL D2	0.6	0.715	24.8	7.5				
	CLA D3	3.1	3.392	26.1	7.5	2.76	19.25	5.51	
	D4							(S)	
	D5								
13	FCL D1	0.0	3.584	24.0	7.7				
	FCL D2	1.5	0.720	25.7	7.7				
	CLA D3	2.7	3.372	23.8	7.8	2.81	39.62	5.62	
	D4							(S)	
	D5								
14	FCL D1	0.0	3.584	24.4	7.6				
	FCL D2	1.1	0.716	24.0	7.5				
	CLA D3	2.9	3.603	24.1	7.6	2.61	27.61	5.22	
	D4							(S)	
	D5								
15	FCL D1	0.0	3.579	25.2	7.7				
	FCL D2	1.1	0.715	25.1	7.5				
	CLA D3	3.0	3.369	25.1	7.5	3.04	30.32	6.08	
	D4							(S)	
	D5								
16	FCL D1	0.0	3.564	27.2	7.6				
	FCL D2	0.7	0.712	27.4	7.5				
	CLA D3	3.3	3.375	25.9	7.5	3.09	24.94	6.18	
	D4							(S)	
	D5								

NOTE: = ONLY use the "Time=" column to show the length of time that the total inactivation ratio was less than 1.00.

SUBMITTED BY: 

Certificate No. and Grade: WO0003008, A

Date: October 7, 2014

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 (cont.)
Disinfection Data Page (cont.)

PUBLIC WATER
SYSTEM NAME:

River Place MUD

PLANT NAME
OR NUMBER:

RIVER PLACE WTP

PWS ID No.:

2270252

Month:

September

Year:

2014

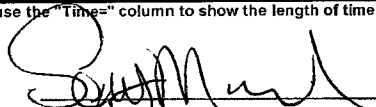
DISINFECTION PROCESS PARAMETERS									
APPROVED CT STUDY PARAMETERS						PERFORMANCE STANDARDS			
Parameters	Disinfection Zones					Log Inactivations			
	D1	D2	D3	D4	D5	Giardia lamblia Cysts		Virus	
Flow Rate (MGD)	2.290	0.916	5.760			0.5		2.0	
T ₁₀ (minutes)	40.4	8.4	111.8						

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
17	FCL D1	0.0	3.558	25.5	7.7				
	FCL D2	1.0	0.711	24.4	7.5				
	CLA D3	3.2	3.376	24.1	7.6	2.91	27.07	5.82	
	D4							(S)	
	D5								
18	FCL D1	0.0	3.572	26.1	7.6				
	FCL D2	1.6	0.714	25.5	7.5				
	CLA D3	3.3	3.322	25.7	7.5	3.63	43.60	7.25	
	D4							(S)	
	D5								
19	FCL D1	0.0	3.603	24.7	7.6				
	FCL D2	1.0	0.720	24.2	7.5				
	CLA D3	3.0	3.373	24.5	7.5	2.83	26.31	5.65	
	D4							(S)	
	D5								
20	FCL D1	0.0	3.559	24.9	7.6				
	FCL D2	0.5	0.711	24.7	7.5				
	CLA D3	3.0	3.388	23.8	7.6	2.40	15.98	4.79	
	D4							(S)	
	D5								
21	FCL D1	0.0	3.588	25.5	7.6				
	FCL D2	0.9	0.717	24.5	7.5				
	CLA D3	2.9	3.392	23.9	7.6	2.60	24.27	5.19	
	D4							(S)	
	D5								
22	FCL D1	0.0	3.577	25.7	7.7				
	FCL D2	0.7	0.715	24.7	7.3				
	CLA D3	3.1	3.372	25.5	7.6	2.87	21.15	5.74	
	D4							(S)	
	D5								
23	FCL D1	0.0	3.510	24.8	7.6				
	FCL D2	0.3	0.702	24.7	7.4				
	CLA D3	2.9	3.382	24.6	7.5	2.33	11.75	4.66	
	D4							(S)	
	D5								
24	FCL D1	0.0	3.535	26.0	7.6				
	FCL D2	0.3	0.707	25.1	7.3				
	CLA D3	3.3	3.375	25.2	7.5	2.72	12.84	5.45	
	D4							(S)	
	D5								

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
25	FCL D1	0.0	3.612	26.4	7.6				
	FCL D2	1.0	0.722	26.2	7.5				
	CLA D3	2.9	3.352	25.7	7.5	2.96	29.68	5.92	
	D4							(S)	
	D5								
26	FCL D1	0.0	3.585	26.8	7.6				
	FCL D2	0.7	0.717	25.9	7.5				
	CLA D3	2.8	3.388	24.7	7.5	2.66	21.76	5.32	
	D4							(S)	
	D5								
27	FCL D1	0.0	3.586	25.3	7.6				
	FCL D2	1.3	0.717	24.6	7.5				
	CLA D3	2.7	3.350	24.3	7.6	2.79	33.00	5.58	
	D4							(S)	
	D5								
28	FCL D1	0.0	3.551	24.7	7.6				
	FCL D2	1.0	0.710	24.8	7.5				
	CLA D3	2.6	3.346	24.9	7.6	2.66	26.99	5.32	
	D4							(S)	
	D5								
29	FCL D1	0.0	3.588	26.9	7.7				
	FCL D2	0.6	0.717	26.3	7.5				
	CLA D3	2.7	3.349	25.2	7.6	2.53	19.65	5.06	
	D4							(S)	
	D5								
30	FCL D1	0.0	3.520	26.3	7.6				
	FCL D2	0.5	0.704	25.3	7.5				
	CLA D3	2.7	3.337	24.9	7.6	2.42	16.50	4.84	
	D4							(S)	
	D5								
31	D1								
	D2								
	D3								
	D4								
	D5								
						Max	3.89	47.20	
						Min	2.33	11.75	
						Avg	2.91	26.93	
						SD	0.41	9.07	

NOTE: = ONLY use the "Time" column to show the length of time that the total inactivation ratio was less than 1.00.

SUBMITTED BY:



Certificate No.

and Grade: WO0003008, A

Date: October 7, 2014

TCEQ - 0102C (07-19-10)

PAGE 5

SWMOR

COA Resp to PUC RFI-1081

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

PUBLIC WATER
SYSTEM NAME: River Place MUD
PWS ID No.: 2270252

PLANT NAME
OR NUMBER: RIVER PLACE WTP
Month: September Year: 2014

Type of
treatment: ☒ Conventional

☐ Unconventional
explain

Note: Systems are required to run one TOC Sample Set every month. Additional space is provided for those systems that do additional sampling

Test No.	Test Date	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required Removal %	Step 1 Removal Ratio	Optional data		COMPLIANCE REMOVAL RATIO
		Raw Alkalinity	Raw TOC	Treated TOC				Step 2 Required % Removal	Step 2 Removal Ratio	
		Enter the Sample Set results								
1	9/11	160	3.64	3.15	13.5	15	0.90			0.90
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Avg		160.00	3.64	3.15	13.46		0.90			0.90
Max		160.00	3.64	3.15	13.46		0.90			0.90
Min		160.00	3.64	3.15	13.46		0.90			0.90

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summary: Don't forget to include a copy of your P.7-TOC ACC worksheet with your report.					Monthly Compliance Ratio
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	
160	3.64	3.15	13.5	6 Mo. Avg	1.00

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

Operator's Signature: [Signature] Certificate No. and Grade: WO0003008, A

Date: October 7, 2014

Submit the report by the 10th of the month following the reporting period to:

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

TOC ALTERNATIVE COMPLIANCE CRITERIA REPORT
FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

PUBLIC WATER
SYSTEM NAME: River Place MUD
PWS ID No.: 2270252

PLANT NAME
OR NUMBER: RIVER PLACE WTP
Month: September Year: 2014

This Alternative Compliance Criteria (ACC) Report is being submitted to request the following ACC: (check one)
(Before you can begin entering data, you must put an "X" in the box that shows the number of the Alternative Compliance Criteria you are applying for.)

#1 ☐ #2 ☐ #3 ☐ #4 ☐ #5 ☐ #6 ☒ #7 ☐ #8 ☐

ACC
#1

ACC #
2

ACC #
3

ACC #
4

ACC #
5

ACC #
6

Treated water SUVA less than or equal to 2.0 L/mg-m²
(either based on most recent month's data OR calculated quarterly as a running annual average)
(Treated water SUVA is the dissolved organic carbon concentration divided by the ultraviolet light absorption at 254 nanometers in the finished water before any disinfection of any kind, or measured using a finished water SUVA jar test. (See the instructions worksheet for more info.) Measure monthly.

Treated water
SUVA measured.

☒
☐

In Plant
By Finished Water SUVA Jar Test

Current
Month SUVA
1.13

ACC
#7

ACC #
8

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

Operator's Signature: [Signature]

Certificate No. and Grade: WO0003008, A

Date: October 7, 2014

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: River Place MUD

PLANT NAME
 OR NUMBER: RIVER PLACE WTP

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.: 2270252
 Report for
 the Month of: December 2014

Operator's Signature: _____

Certificate No. & Grade: WS0011192, B

Date: January 6, 2015

TREATMENT PLANT PERFORMANCE

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

Statistical
 Summary

Maximum turbidity reading:	<u>0.09</u> NTU	Average turbidity value:	<u>0.08</u> NTU
Minimum turbidity reading:	<u>0.07</u> NTU	Standard deviation:	<u>0.005</u> NTU
CPE 95 th percentile value:	<u>0.09</u> NTU	IFE 95 th percentile:	<u>0.120</u> NTU

Number of days with a low CT for no more than 4.0 consecutive hours:	<u>0</u>	Average log inactivation for Giardia:	<u>2.03</u>
Number of days with a low CT for more than 4.0 consecutive hours:	<u>0</u> (4)	Average log inactivation for viruses:	<u>32.25</u>
		Number of days when profiling data was not collected:	<u>0</u>
		Number of days when CT data was not collected:	<u>0</u>

Minimum disinfectant residual required leaving the plant: 0.5 mg/L, measured as Total Chlorine

Number of days with a low residual for no more than 4.0 consecutive hours:	<u>0</u>	Number of days when disinfectant residual leaving the plant was not properly monitored:	<u>0</u>
Number of days with a low residual for more than 4.0 consecutive hours:	<u>0</u> (5)		

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system:	<u>0.5</u> mg/L, measured as Total Chlorine		
Total number of readings this month:	<u>31</u>	(at least 31 required) (8)	
Average disinfectant residual value:	<u>1.16</u>	Percentage of readings with a low residual this month:	<u>0.0</u> % (6A)
Number of readings with a low residual:	<u>0</u>	Percentage of readings with a low residual last month:	<u>0.0</u> % (6B)
Number of readings with no detectable residual:	<u>0</u>		

ADDITIONAL REPORTS & WORKSHEETS

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

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

No additional IFE Reports are required this month.

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

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER (cont.)

Turbidity Data Page

PUBLIC WATER
SYSTEM NAME: River Place MUD

PLANT NAME
OR NUMBER: RIVER PLACE WTP

PWS ID No.: 2270252

Connections: 1,013

Month: December Year: 2014

Population: 3,039

PERFORMANCE DATA																		
Date	Raw Water Pumpage (MGD)	Treated Water Pumpage (MGD)	RAW WATER ANALYSES		SETTLED WATER TURBIDITY (Mandatory Data)						FINISHED WATER QUALITY							
					Basin No.						Turbidity						Lowest Residual	Time
			NTU	Alk.	1	2	3	4	5	6	NTU1	NTU2	NTU3	NTU4	NTU5	NTU6		
1	0.470	0.449	4	165	0.9	0.8					0.08	0.08	0.08	0.08	0.08	0.08	2.2	
2	0.572	0.657	4	167	0.9	0.4					0.08	0.08	0.08	0.08	0.08	0.08	2.7	
3	0.561	0.517	4	165	1.1	0.4					0.08	0.08	0.08	0.09	0.09	0.09	2.7	
4	0.352	0.137	5	167	1.3	0.6					0.09	0.09	0.09	0.09	0.09	0.09	2.6	
5	0.721	0.774	4	170	1.1	0.4					0.09	0.09	0.09	0.08	0.08	0.09	3.3	
6	0.360	0.335	4	167	1.2	0.5					0.09	0.09	0.09	0.09	0.09	0.09	2.4	
7	0.447	0.411	4	167	2.2	0.9					0.09	0.09	0.09	0.09	0.08	0.08	2.3	
8	0.324	0.284	4	167	1.1	0.3					0.08	0.08	0.08	0.06	0.08	0.08	2.3	
9	0.577	0.593	5	170	1.9	0.6					0.08	0.08	0.08	0.08	0.08	0.08	2.4	
10	0.656	0.597	4	166	1.3	0.7					0.08	0.08	0.08	0.09	0.08	0.09	2.1	
11	0.463	0.477	5	170	0.9	0.5					0.09	0.09	0.09	0.09	0.09	0.09	2.0	
12	0.351	0.363	6	170	1.5	0.7					0.09	0.09	0.08	0.08	0.08	0.08	2.0	
13	0.350	0.359	5	167	1.8	0.9					0.08	0.08	0.08	0.08	0.08	0.08	2.2	
14	0.421	0.432	6	167	0.9	0.5					0.08	0.08	0.08	0.08	0.08	0.08	2.2	
15	0.375	0.384	5	170	1.1	0.4					0.08	0.08	0.08	0.08	0.08	0.07	2.3	
16	0.540	0.484	4	173	1.7	1.2					0.08	0.07	0.07	0.07	0.07	0.07	3.2	
17	0.509	0.523	3	170	1.4	0.8					0.07	0.07	0.07	0.07	0.08	0.08	2.3	
18	0.316	0.325	3	167	0.7	0.2					0.08	0.08	0.08	0.08	0.08	0.08	2.6	
19	0.345	0.355	4	165	1.3	0.8					0.08	0.08	0.08	0.08	0.08	0.08	2.2	
20	0.402	0.418	4	167	1.5	1.2					0.08	0.08	0.08	0.08	0.08	0.08	3.2	
21	0.234	0.240	4	170	2.0	1.0					0.08	0.08	0.08	0.08	0.08	0.08	2.2	
22	0.517	0.495	6	171	2.0	1.0					0.08	0.08	0.08	0.08	0.08	0.08	3.0	
23	0.545	0.497	4	170	2.3	1.1					0.08	0.08	0.08	0.08	0.08	0.08	2.4	
24	0.452	0.499	8	170	1.5	0.9					0.08	0.08	0.08	0.08	0.08	0.08	3.3	
25	0.487	0.498	5	170	2.4	1.7					0.08	0.08	0.08	0.08	0.08	0.08	2.3	
26	0.460	0.448	7	176	1.8	0.5					0.08	0.08	0.08	0.08	0.08	0.08	2.3	
27	0.411	0.396	7	173	1.8	0.8					0.08	0.09	0.08	0.09	0.09	0.09	2.4	
28	0.232	0.238	7	167	2.3	0.9					0.09	0.09	0.08	0.09	0.08	0.08	2.4	
29	0.559	0.486	4	170	2.2	1.2					0.08	0.08	0.08	0.08	0.08	0.08	2.2	
30	0.465	0.478	5	166	1.9	1.0					0.08	0.08	0.08	0.08	0.08	0.08	3.2	
31	0.492	0.504	9	173	1.8	1.4					0.08	0.08	0.08	0.08	0.08	0.08	3.5	
Total	13.966	13.653																
Avg	0.451	0.440																
Max	0.721	0.774																
Min	0.232	0.137																

NOTE: ONLY use the "Time" column to show the length of time that the disinfectant residual entering the distribution system fell below the acceptable level.

NOTE: ONLY use the "Time" column to show the length of time that the disinfectant residual entering the distribution system fell below the acceptable level.

SUBMITTED BY:  Certificate No. and Grade: WS0011192, B Date: January 6, 2015

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 (cont.)
 Filter Data Page

PUBLIC WATER
 SYSTEM NAME: River Place MUD

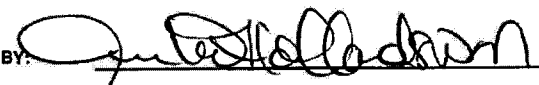
PLANT NAME
 OR NUMBER: RIVER PLACE WTP

PWS ID No.: 2270252

Month: December Year: 2014

PERFORMANCE DATA																				
Date	INDIVIDUAL FILTER TURBIDITY																			
	Filter No. 1		Filter No. 2		Filter No. 3		Filter No. 4		Filter No. 5		Filter No. 6		Filter No. 7		Filter No. 8		Filter No. 9		Filter No. 10	
	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs
1	0.10	x	0.08	x	0.08	x	0.04	x	0.05	x										
2	0.09	x	0.09	x	0.07	x	0.05	x	0.08	x										
3	0.10	x	0.07	x	0.13	x	0.06	x	0.10	x										
4	0.12	x	0.10	x	0.08	x	0.05	x	0.06	x										
5	0.09	x	0.06	x	0.07	x	0.05	x	0.08	x										
6	0.07	x	0.07	x	0.07	x	0.04	x	0.06	x										
7	0.10	x	0.11	x	0.10	x	0.06	x	0.10	x										
8	0.10	x	0.10	x	0.12	x	0.08	x	0.05	x										
9	0.10	x	0.12	x	0.12	x	0.06	x	0.05	x										
10	0.12	x	0.15	x	0.13	x	0.05	x	0.05	x										
11	0.08	x	0.05	x	0.07	x	0.05	x	0.05	x										
12	0.07	x	0.05	x	0.06	x	0.05	x	0.05	x										
13	0.07	x	0.05	x	0.06	x	0.05	x	0.04	x										
14	0.07	x	0.05	x	0.06	x	0.05	x	0.04	x										
15	0.09	x	0.06	x	0.06	x	0.05	x	0.04	x										
16	0.07	x	0.08	x	0.06	x	0.05	x	0.08	x										
17	0.10	x	0.08	x	0.07	x	0.05	x	0.07	x										
18	0.08	x	0.09	x	0.08	x	0.05	x	0.07	x										
19	0.07	x	0.07	x	0.08	x	0.05	x	0.05	x										
20	0.08	x	0.10	x	0.09	x	0.05	x	0.05	x										
21	0.09	x	0.11	x	0.10	x	0.05	x	0.05	x										
22	0.12	x	0.07	x	0.09	x	0.05	x	0.07	x										
23	0.10	x	0.05	x	0.06	x	0.05	x	0.05	x										
24	0.15	x	0.09	x	0.08	x	0.07	x	0.11	x										
25	0.14	x	0.10	x	0.10	x	0.08	x	0.11	x										
26	0.08	x	0.09	x	0.09	x	0.08	x	0.06	x										
27	0.07	x	0.10	x	0.09	x	0.07	x	0.04	x										
28	0.07	x	0.11	x	0.12	x	0.10	x	0.04	x										
29	0.10	x	0.14	x	0.17	x	0.12	x	0.05	x										
30	0.09	x	0.05	x	0.07	x	0.04	x	0.04	x										
31	0.12	x	0.08	x	0.11	x	0.05	x	0.07	x										

SUMMARY & COMPLIANCE ACTIONS	Criteria	Filter No.										Plant	
		1	2	3	4	5	6	7	8	9	10		
	Number of days with event(s) above 0.5 NTU at 4.0 hrs this month												
	Number of days with event(s) above 1.0 NTU this month	0	0	0	0	0							
	Number of days with event(s) above 1.0 NTU last month	0	0	0	0	0							
	Number of days with event(s) above 1.0 NTU two months ago	0	0	0	0	0							
	Total number of days with event(s) above 1.0 NTU in three months	0	0	0	0	0							
	Number of days with event(s) above 2.0 NTU this month											0	
	Number of days with event(s) above 2.0 NTU last month											0	
	Does the filter/plant have an approved Corrective Action Plan?	N	N	N	N	N							N
	Is the plant required to submit a Filter Profile Report?	N	N	N	N	N							
	Is the plant required to submit a Filter Assessment Report?	N	N	N	N	N							
	Is the plant required to submit a Request for Compliance CPE?											N	

SUBMITTED BY: 

Certificate No.
 and Grade: WS0011192, B

Date: January 6, 2015

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 (cont.)
Disinfection Data Page

PUBLIC WATER
SYSTEM NAME: River Place MUD
PWS ID No.: 2270252

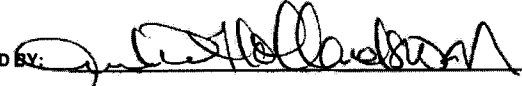
PLANT NAME
OR NUMBER: RIVER PLACE WTP
Month: December Year: 2014

DISINFECTION PROCESS PARAMETERS							
APPROVED CT STUDY PARAMETERS					PERFORMANCE STANDARDS		
Parameters	Disinfection Zones					Log Inactivations	
	D1	D2	D3	D4	D5	Giardia lamblia Cysts	Viruses
Flow Rate (MGD)	2.290	0.916	5.760			0.5	2.0
T ₁₀ (minutes)	40.4	8.4	111.8				

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
1	FCL D1	0.0	2.074	16.7	7.6	2.11	37.77	4.23 (G)	
	FCL D2	3.4	0.829	15.8	7.5				
	CLA D3	2.2	3.312	21.3	7.5				
	D4								
	D5								
2	FCL D1	0.0	2.074	17.5	7.6	1.86	43.54	3.71 (G)	
	FCL D2	3.7	0.829	17.3	7.4				
	CLA D3	1.8	3.312	17.0	7.5				
	D4								
	D5								
3	FCL D1	0.0	2.074	17.5	7.6	1.73	38.40	3.45 (G)	
	FCL D2	3.7	0.829	15.4	7.4				
	CLA D3	1.8	3.312	17.0	7.5				
	D4								
	D5								
4	FCL D1	0.0	2.074	15.9	7.6	1.83	37.10	3.66 (G)	
	FCL D2	3.2	0.829	16.5	7.4				
	CLA D3	2.0	3.312	17.8	7.5				
	D4								
	D5								
5	FCL D1	0.0	2.074	18.6	7.6	2.19	35.83	4.38 (G)	
	FCL D2	2.8	0.829	17.5	7.6				
	CLA D3	2.7	3.312	19.2	7.5				
	D4								
	D5								
6	FCL D1	0.0	2.074	17.5	7.8	2.26	32.20	4.56 (G)	
	FCL D2	2.7	0.829	16.4	7.6				
	CLA D3	2.9	3.312	20.1	7.5				
	D4								
	D5								
7	FCL D1	0.0	2.074	16.6	7.2	2.22	33.66	4.44 (G)	
	FCL D2	2.9	0.829	16.1	7.5				
	CLA D3	2.8	3.312	19.6	7.5				
	D4								
	D5								
8	FCL D1	0.0	2.074	17.3	7.5	2.09	25.99	4.19 (G)	
	FCL D2	2.1	0.829	16.7	7.5				
	CLA D3	3.0	3.312	18.6	7.7				
	D4								
	D5								

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
9	FCL D1	0.0	2.074	16.5	7.4	2.12	32.47	4.24 (G)	
	FCL D2	2.7	0.829	16.6	7.5				
	CLA D3	3.0	3.312	17.3	7.7				
	D4								
	D5								
10	FCL D1	0.0	2.074	16.7	7.4	2.13	26.00	4.25 (G)	
	FCL D2	2.2	0.829	15.7	7.6				
	CLA D3	3.3	3.312	17.6	7.7				
	D4								
	D5								
11	FCL D1	0.0	2.074	17.0	7.6	2.16	27.99	4.33 (G)	
	FCL D2	2.3	0.829	16.1	7.6				
	CLA D3	3.1	3.312	18.9	7.7				
	D4								
	D5								
12	FCL D1	0.0	2.074	16.9	7.5	2.18	29.74	4.35 (G)	
	FCL D2	2.5	0.829	16.2	7.6				
	CLA D3	3.1	3.312	18.5	7.6				
	D4								
	D5								
13	FCL D1	0.0	2.074	16.7	7.5	2.02	27.24	4.05 (G)	
	FCL D2	2.2	0.829	16.4	7.6				
	CLA D3	3.0	3.312	17.7	7.7				
	D4								
	D5								
14	FCL D1	0.0	2.074	16.7	7.5	2.17	35.01	4.34 (G)	
	FCL D2	2.7	0.829	18.0	7.5				
	CLA D3	2.6	3.312	19.5	7.7				
	D4								
	D5								
15	FCL D1	0.0	2.074	17.7	7.6	2.17	33.77	4.33 (G)	
	FCL D2	2.7	0.829	17.3	7.5				
	CLA D3	2.8	3.312	18.6	7.7				
	D4								
	D5								
16	FCL D1	0.0	2.074	15.4	7.6	1.94	31.02	3.88 (G)	
	FCL D2	2.9	0.829	15.2	7.6				
	CLA D3	2.7	3.312	17.3	7.7				
	D4								
	D5								

NOTE: = ONLY use the "Time=" column to show the length of time that the total inactivation ratio was less than 1.00.

SUBMITTED BY: 
TCEQ - 0102C (07-19-10)

Certificate No. WS0011192, B and Grade: WS0011192, B Date: January 6, 2015

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 (cont.)
Disinfection Data Page (cont.)

PUBLIC WATER
SYSTEM NAME: River Place MUD
PWS ID No.: 2270252

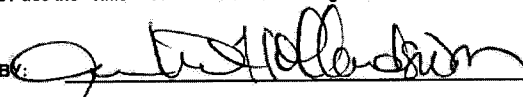
PLANT NAME
OR NUMBER: RIVER PLACE WTP
Month: December Year: 2014

DISINFECTION PROCESS PARAMETERS									
APPROVED CT STUDY PARAMETERS						PERFORMANCE STANDARDS			
Parameters	Disinfection Zones					Log Inactivations			
	D1	D2	D3	D4	D5	Giardia lamblia Cysts		Virus	
Flow Rate (MGD)	2.290	0.916	5.780			0.5		2.0	
T ₁₀ (minutes)	40.4	8.4	111.8						

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
17	FCL D1	0.0	2.074	17.0	7.7	2.41	40.17	4.82 (G)	
	FCL D2	3.3	0.829	16.7	7.6				
	CLA D3	3.0	3.312	19.4	7.6				
	D4								
	D5								
18	FCL D1	0.0	2.074	17.8	7.6	2.37	37.69	4.74 (G)	
	FCL D2	3.0	0.829	17.3	7.7				
	CLA D3	3.1	3.312	19.2	7.6				
	D4								
	D5								
19	FCL D1	0.0	2.074	16.4	7.7	2.05	31.53	4.11 (G)	
	FCL D2	2.8	0.829	15.5	7.7				
	CLA D3	3.0	3.312	17.3	7.7				
	D4								
	D5								
20	FCL D1	0.0	2.074	15.4	7.7	1.88	30.74	3.76 (G)	
	FCL D2	2.9	0.829	15.0	7.6				
	CLA D3	2.6	3.312	17.4	7.7				
	D4								
	D5								
21	FCL D1	0.0	2.074	15.3	7.7	1.90	26.48	3.81 (G)	
	FCL D2	2.4	0.829	15.1	7.6				
	CLA D3	2.9	3.312	17.0	7.7				
	D4								
	D5								
22	FCL D1	0.0	2.074	19.3	8.0	1.96	31.30	3.92 (G)	
	FCL D2	2.5	0.829	17.2	7.7				
	CLA D3	2.4	3.312	19.8	7.5				
	D4								
	D5								
23	FCL D1	0.0	2.074	15.8	8.1	1.97	33.12	3.94 (G)	
	FCL D2	2.9	0.829	15.8	7.6				
	CLA D3	2.3	3.312	20.0	7.7				
	D4								
	D5								
24	FCL D1	0.0	2.074	15.6	8.0	1.93	31.41	3.85 (G)	
	FCL D2	3.0	0.829	14.8	7.6				
	CLA D3	2.6	3.312	17.9	7.8				
	D4								
	D5								

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
25	FCL D1	0.0	2.074	13.9	8.1	1.76	26.67	3.52 (G)	
	FCL D2	2.8	0.829	13.2	7.6				
	CLA D3	2.7	3.312	16.3	7.7				
	D4								
	D5								
26	FCL D1	0.0	2.074	17.5	8.1	2.15	37.32	4.29 (G)	
	FCL D2	3.2	0.829	16.2	7.6				
	CLA D3	2.7	3.312	18.6	7.6				
	D4								
	D5								
27	FCL D1	0.0	2.074	15.4	8.0	2.12	35.24	4.25 (G)	
	FCL D2	3.3	0.829	15.0	7.5				
	CLA D3	2.7	3.312	18.9	7.6				
	D4								
	D5								
28	FCL D1	0.0	2.074	15.8	7.7	2.00	33.09	4.01 (G)	
	FCL D2	3.0	0.829	15.3	7.5				
	CLA D3	2.6	3.312	18.3	7.6				
	D4								
	D5								
29	FCL D1	0.0	2.074	13.8	7.6	1.70	26.01	3.41 (G)	
	FCL D2	2.6	0.829	13.7	7.6				
	CLA D3	2.4	3.312	17.5	7.7				
	D4								
	D5								
30	FCL D1	0.0	2.074	13.6	7.6	1.73	25.02	3.45 (G)	
	FCL D2	2.6	0.829	13.5	7.6				
	CLA D3	2.7	3.312	16.0	7.7				
	D4								
	D5								
31	FCL D1	0.0	2.074	13.2	7.6	1.73	26.21	3.47 (G)	
	FCL D2	2.8	0.829	13.2	7.6				
	CLA D3	2.8	3.312	15.1	7.6				
	D4								
	D5								
						Max	2.41	43.54	
						Min	1.70	25.02	
						Avg	2.03	32.25	
						SD	0.19	4.75	

NOTE: = ONLY use the "Time=" column to show the length of time that the total inactivation ratio was less than 1.00.

SUBMITTED BY:  Certificate No. WS0011192, B and Grade: WS0011192, B Date: January 6, 2015
TCEQ - 0102C (07-19-10) PAGE 5 SWMOR

COA Resp to PUC RFI-1088

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR) FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

PUBLIC WATER
SYSTEM NAME: River Place MUD

PWS ID No.: 2270252

PLANT NAME
OR NUMBER: RIVER PLACE WTP

Month: December

Year: 2014

Type of
treatment:

☒ X

Conventional

☐ Unconventional
explain:

Note: Systems are required to run one TOC Sample Set every month. Additional space is provided for those systems that do additional sampling

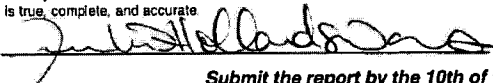
Test No.	Test Date	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required Removal %	Step 1 Removal Ratio	Optional data		COMPLIANCE REMOVAL RATIO
		Raw Alkalinity	Raw TOC	Treated TOC				Step 2 Required % Removal	Step 2 Removal Ratio	
		Enter the Sample Set results			calculated	calculated from matrix	calculated			calculated
1	12/9	168	3.83	3.15	17.8	15	1.18			1.18
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
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22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Avg		168.00	3.83	3.15	17.75		1.18			1.18
Max		168.00	3.83	3.15	17.75		1.18			1.18
Min		168.00	3.83	3.15	17.75		1.18			1.18

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summary					Monthly Compliance Ratio
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	
168	3.83	3.15	17.8	NA	1.18

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

Operator's
Signature



Certificate

No.

and Grade

WS0011192, B

Date January 6, 2015

Submit the report by the 10th of the month following the reporting period to:

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

City of Austin
 Austin Water Utility
 Laboratory Services Division
Riverplace Water Treatment Plant
 This data has been proofed by a Laboratory Official: YES

December 2014

DBP RULE COMPLIANCE TOC & ALKALINITY

Collection Date:	SM 2320 B Alkalinity (mg/L)	SM 5310 C TOC (mg/L)	SM 5310 C TOC (mg/L)	Calculated SUVA (L/mg•m)
	RAW R-RP	RAW R-RP	TAP T-RP	Settling Basins S-RP
9-Dec-14	168	3.83	3.15	1.28
Total	168	3.83	3.15	
Average	168	3.83	3.15	
Maximum	168	3.83	3.15	
Minimum	168	3.83	3.15	

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: River Place Water System

PLANT NAME
 OR NUMBER: RIVER PLACE WTP

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.: 2270252
 Report for
 the Month of: November 2014

Operator's Signature: _____

Certificate No. & Grade: WS0011192, B

Date: December 8, 2014

TREATMENT PLANT PERFORMANCE			
Total number of turbidity readings:	<u>180</u>	Number of 4-hour periods when plant was off-line:	<u>0</u>
Number of readings above 0.10 NTU:	<u>6</u>	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	<u>0</u>
Number of readings above 0.3 NTU:	<u>0</u>	Number of days when plant was on-line but individual filter turbidity data was not collected:	<u>0</u>
Number of readings above 0.5 NTU:	<u>0</u>	Number of days with readings above 1.0 NTU:	<u>0</u> (2)
Number of readings above 1.0 NTU:	<u>0</u>	Number of days with readings above 5.0 NTU:	<u>0</u> (3)
Maximum allowable turbidity level:	<u>0.3</u>		
Percentage of readings above this limit:	<u>0.0</u> % (1)		
Statistical Summary	Maximum turbidity reading: <u>0.19</u> NTU Minimum turbidity reading: <u>0.07</u> NTU CFE 95 th percentile value: <u>0.10</u> NTU	Average turbidity value: <u>0.09</u> NTU Standard deviation: <u>0.012</u> NTU IFE 95 th percentile: <u>0.201</u> NTU	
Number of days with a low CT for no more than 4.0 consecutive hours:	<u>0</u>	Average log inactivation for Giardia:	<u>2.28</u>
Number of days with a low CT for more than 4.0 consecutive hours:	<u>0</u> (4)	Average log inactivation for viruses:	<u>33.51</u>
		Number of days when profiling data was not collected:	<u>0</u>
		Number of days when CT data was not collected:	<u>0</u>
Minimum disinfectant residual required leaving the plant:	<u>0.5</u> mg/L, measured as Total Chlorine		
Number of days with a low residual for no more than 4.0 consecutive hours:	<u>0</u>	Number of days when disinfectant residual leaving the plant was not properly monitored:	<u>0</u>
Number of days with a low residual for more than 4.0 consecutive hours:	<u>0</u> (5)		

DISTRIBUTION SYSTEM			
Minimum disinfectant residual required in distribution system:	<u>0.5</u> mg/L, measured as Total Chlorine		
Total number of readings this month:	<u>33</u> (at least 30 required) (8)	Percentage of readings with a low residual this month:	<u>0.0</u> % (6A)
Average disinfectant residual value:	<u>1.48</u>	Percentage of readings with a low residual last month:	<u>0.0</u> % (6B)
Number of readings with a low residual:	<u>0</u>		
Number of readings with no detectable residual:	<u>0</u>		

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

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

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER (cont.)

Turbidity Data Page

PUBLIC WATER SYSTEM NAME: River Place Water System PLANT NAME OR NUMBER: RIVER PLACE WTP

PWS ID No.: 2270252 Connections: 1,013

Month: November Year: 2014 Population: 3,039

PERFORMANCE DATA																			
Date	Raw Water Pumpage (MGD)	Treated Water Pumpage (MGD)	RAW WATER ANALYSES		SETTLED WATER TURBIDITY (Mandatory Data)						FINISHED WATER QUALITY								
			NTU	Alk.	Basin No.						Turbidity						Lowest Residual	Time	
					1	2	3	4	5	6	NTU1	NTU2	NTU3	NTU4	NTU5	NTU6			
1	0.585	0.641	4	168	0.7	0.7						0.07	0.07	0.07	0.07	0.07	0.07	2.3	
2	0.585	0.542	4	169	0.6	0.4						0.07	0.08	0.08	0.08	0.08	0.08	2.2	
3	0.700	0.611	5	167	1.5	0.7						0.08	0.09	0.09	0.09	0.09	0.09	1.8	
4	0.828	0.611	3	166	1.1	0.4						0.10	0.10	0.10	0.09	0.09	0.08	2.7	
5	0.715	0.683	4	166	1.0	1.0						0.08	0.08	0.08	0.07	0.07	0.08	2.2	
6	0.513	0.490	4	170	1.0	1.0						0.07	0.08	0.08	0.08	0.08	0.08	1.6	
7	0.433	0.445	3	170	0.9	0.3						0.08	0.08	0.08	0.08	0.08	0.08	1.5	
8	0.648	0.599	5	170	1.2	0.6						0.08	0.08	0.08	0.09	0.09	0.09	0.9	
9	0.519	0.554	3	168	0.7	0.4						0.10	0.10	0.10	0.10	0.10	0.10	3.6	
10	0.553	0.601	5	158	0.8	0.4						0.09	0.09	0.09	0.08	0.08	0.08	2.6	
11	0.888	0.831	4	160	1.3	1.2						0.08	0.08	0.08	0.08	0.08	0.09	2.6	
12	0.922	0.819	4	158	1.8	1.9						0.09	0.09	0.10	0.09	0.09	0.09	3.2	
13	0.539	0.516	5	161	1.3	1.3						0.09	0.19	0.10	0.09	0.10	0.10	3.0	
14	0.225	0.177	4	158	1.8	1.9						0.09	0.09	0.10	0.09	0.10	0.10	3.0	
15	0.605	0.686	3	163	0.8	1.0						0.10	0.10	0.10	0.10	0.10	0.11	3.0	
16	0.428	0.388	4	173	1.5	0.7						0.11	0.11	0.11	0.10	0.10	0.10	3.1	
17	0.437	0.399	3	164	1.5	0.6						0.10	0.10	0.10	0.09	0.09	0.08	3.1	
18	0.664	0.716	3	159	1.5	0.5						0.09	0.09	0.09	0.08	0.09	0.08	2.2	
19	0.827	0.824	4	160	0.8	0.3						0.08	0.09	0.09	0.09	0.09	0.09	2.3	
20	0.539	0.498	3	163	0.5	0.3						0.09	0.10	0.10	0.10	0.10	0.09	1.6	
21	0.337	0.306	4	165	0.7	0.4						0.09	0.10	0.09	0.10	0.10	0.10	2.2	
22	0.397	0.433	4	168	0.6	0.4						0.10	0.09	0.09	0.11	0.09	0.09	1.6	
23	0.464	0.456	4	156	0.7	0.4						0.08	0.08	0.08	0.09	0.08	0.08	2.3	
24	0.413	0.454	3	164	0.8	0.3						0.08	0.08	0.08	0.09	0.08	0.08	2.4	
25	0.481	0.473	5	163	0.7	0.4						0.08	0.08	0.08	0.08	0.08	0.08	2.7	
26	0.732	0.705	3	167	0.7	0.4						0.08	0.08	0.08	0.08	0.08	0.08	2.6	
27	0.509	0.519	3	168	0.7	0.4						0.08	0.08	0.08	0.08	0.08	0.08	2.3	
28	0.451	0.449	4	167	1.1	0.5						0.08	0.08	0.08	0.08	0.08	0.08	1.8	
29	0.382	0.389	4	167	0.9	0.5						0.08	0.08	0.08	0.08	0.08	0.08	1.9	
30	0.415	0.452	5	160	0.9	0.4						0.08	0.08	0.08	0.08	0.08	0.08	2.0	
31																			
Total	16.714	16.267																	
Avg	0.557	0.542																	
Max	0.922	0.831																	
Min	0.225	0.177																	
NOTE: ONLY use the "Time" column to show the length of time that the disinfectant residual entering the distribution system fell below the acceptable level.																			

NOTE: ONLY use the "Time" column to show the length of time that the disinfectant residual entering the distribution system fell below the acceptable level.

SUBMITTED BY: [Signature] Certificate No. and Grade: WS0011192, B Date: December 8, 2014

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 (cont.)
Filter Data Page

PUBLIC WATER
SYSTEM NAME: River Place Water System

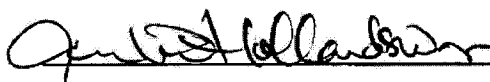
PLANT NAME
OR NUMBER: RIVER PLACE WTP

PWS ID No.: 2270252

Month: November Year: 2014

PERFORMANCE DATA																				
Date	INDIVIDUAL FILTER TURBIDITY																			
	Filter No. 1		Filter No. 2		Filter No. 3		Filter No. 4		Filter No. 5		Filter No. 6		Filter No. 7		Filter No. 8		Filter No. 9		Filter No. 10	
	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs
1	0.12	x	0.10	x	0.08	x	0.04	x	0.08	x										
2	0.17	x	0.12	x	0.23	x	0.04	x	0.19	x										
3	0.14	x	0.11	x	0.21	x	0.04	x	0.18	x										
4	0.11	x	0.04	x	0.06	x	0.04	x	0.05	x										
5	0.08	x	0.15	x	0.06	x	0.04	x	0.20	x										
6	0.14	x	0.16	x	0.13	x	0.07	x	0.05	x										
7	0.16	x	0.15	x	0.17	x	0.05	x	0.10	x										
8	0.19	x	0.12	x	0.28	x	0.05	x	0.11	x										
9	0.15	x	0.07	x	0.07	x	0.05	x	0.09	x										
10	0.10	x	0.09	x	0.09	x	0.08	x	0.09	x										
11	0.19	x	0.05	x	0.07	x	0.13	x	0.08	x										
12	0.17	x	0.07	x	0.17	x	0.06	x	0.12	x										
13	0.10	x	0.19	x	0.10	x	0.04	x	0.06	x										
14	0.23	x	0.19	x	0.21	x	0.04	x	0.24	x										
15	0.11	x	0.08	x	0.13	x	0.04	x	0.08	x										
16	0.10	x	0.05	x	0.10	x	0.04	x	0.06	x										
17	0.11	x	0.24	x	0.19	x	0.05	x	0.09	x										
18	0.16	x	0.13	x	0.15	x	0.06	x	0.12	x										
19	0.15	x	0.16	x	0.15	x	0.06	x	0.15	x										
20	0.13	x	0.15	x	0.11	x	0.05	x	0.11	x										
21	0.13	x	0.03	x	0.08	x	0.16	x	0.12	x										
22	0.11	x	0.03	x	0.07	x	0.08	x	0.09	x										
23	0.09	x	0.04	x	0.07	x	0.08	x	0.07	x										
24	0.07	x	0.04	x	0.06	x	0.06	x	0.07	x										
25	0.09	x	0.05	x	0.08	x	0.05	x	0.09	x										
26	0.08	x	0.09	x	0.08	x	0.05	x	0.18	x										
27	0.07	x	0.04	x	0.08	x	0.05	x	0.09	x										
28	0.07	x	0.04	x	0.08	x	0.05	x	0.07	x										
29	0.08	x	0.05	x	0.07	x	0.05	x	0.06	x										
30	0.09	x	0.06	x	0.06	x	0.05	x	0.07	x										
31																				

SUMMARY & COMPLIANCE ACTIONS	Criteria	Filter No.										Plant
		1	2	3	4	5	6	7	8	9	10	
	Number of days with event(s) above 0.5 NTU at 4.0 hrs this month											
	Number of days with event(s) above 1.0 NTU this month	0	0	0	0	0						
	Number of days with event(s) above 1.0 NTU last month	0	0	0	0	0						
	Number of days with event(s) above 1.0 NTU two months ago	0	0	0	0	0						
	Total number of days with event(s) above 1.0 NTU in three months	0	0	0	0	0						
	Number of days with event(s) above 2.0 NTU this month											0
	Number of days with event(s) above 2.0 NTU last month											0
	Does the filter/plant have an approved Corrective Action Plan?	N	N	N	N	N						N
	Is the plant required to submit a Filter Profile Report?	N	N	N	N	N						
	Is the plant required to submit a Filter Assessment Report?	N	N	N	N	N						
	Is the plant required to submit a Request for Compliance CPE?											N

SUBMITTED BY:  Certificate No. and Grade: WS0011192, B Date: December 8, 2014

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 (cont.)
Disinfection Data Page

PUBLIC WATER
SYSTEM NAME: River Place Water System

PLANT NAME
OR NUMBER: RIVER PLACE WTP

PWS ID No.: 2270252

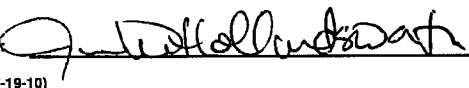
Month: November Year: 2014

DISINFECTION PROCESS PARAMETERS							
APPROVED CT STUDY PARAMETERS					PERFORMANCE STANDARDS		
Parameters	Disinfection Zones					Log Inactivations	
	D1	D2	D3	D4	D5	Giardia lamblia Cysts	Viruses
Flow Rate (MGD)	2.290	0.916	5.760			0.5	2.0
T ₁₀ (minutes)	40.4	8.4	111.8				

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
1	FCL D1	0.0	2.074	21.1	7.4	2.65	40.51	5.30 (G)	
	FCL D2	2.4	0.829	21.3	7.3				
	CLA D3	2.6	3.312	22.1	7.4				
	D4								
	D5								
2	FCL D1	0.0	2.074	21.8	7.4	2.54	36.80	5.08 (G)	
	FCL D2	2.2	0.829	21.3	7.3				
	CLA D3	2.6	3.312	21.7	7.4				
	D4								
	D5								
3	FCL D1	0.0	2.074	21.1	7.4	2.72	42.53	5.45 (G)	
	FCL D2	2.6	0.829	21.1	7.4				
	CLA D3	2.7	3.312	22.1	7.5				
	D4								
	D5								
4	FCL D1	0.0	2.074	21.9	7.5	3.08	45.00	6.15 (G)	
	FCL D2	2.6	0.829	21.7	7.5				
	CLA D3	3.2	3.312	22.4	7.5				
	D4								
	D5								
5	FCL D1	0.0	2.074	19.4	7.4	2.62	45.41	5.24 (G)	
	FCL D2	3.0	0.829	20.0	7.4				
	CLA D3	2.5	3.312	22.0	7.5				
	D4								
	D5								
6	FCL D1	0.0	2.074	19.7	7.4	2.62	37.67	5.25 (G)	
	FCL D2	2.5	0.829	19.8	7.4				
	CLA D3	2.8	3.312	21.9	7.5				
	D4								
	D5								
7	FCL D1	0.0	2.074	20.8	7.5	2.26	42.50	4.52 (G)	
	FCL D2	2.8	0.829	20.4	7.5				
	CLA D3	2.2	3.312	20.8	7.5				
	D4								
	D5								
8	FCL D1	0.0	2.074	20.0	7.6	2.21	41.07	4.41 (G)	
	FCL D2	2.8	0.829	19.9	7.5				
	CLA D3	2.2	3.312	20.4	7.5				
	D4								
	D5								

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
9	FCL D1	0.0	2.074	20.7	7.5	2.39	31.91	4.79 (G)	
	FCL D2	2.0	0.829	20.4	7.4				
	CLA D3	2.9	3.312	20.4	7.5				
	D4								
	D5								
10	FCL D1	0.0	2.074	21.9	7.6	3.15	45.95	6.30 (G)	
	FCL D2	2.9	0.829	20.4	7.4				
	CLA D3	3.6	3.312	21.2	7.6				
	D4								
	D5								
11	FCL D1	0.0	2.074	17.4	7.6	2.51	42.57	5.02 (G)	
	FCL D2	3.3	0.829	17.7	7.5				
	CLA D3	2.7	3.312	21.0	7.5				
	D4								
	D5								
12	FCL D1	0.0	2.074	17.7	7.5	2.37	26.05	4.74 (G)	
	FCL D2	1.8	0.829	18.1	7.4				
	CLA D3	3.3	3.312	19.7	7.5				
	D4								
	D5								
13	FCL D1	0.0	2.074	15.4	7.7	2.56	39.23	5.13 (G)	
	FCL D2	3.4	0.829	15.9	7.6				
	CLA D3	3.6	3.312	18.3	7.5				
	D4								
	D5								
14	FCL D1	0.0	2.074	16.0	7.6	2.32	27.25	4.64 (G)	
	FCL D2	2.2	0.829	16.2	7.5				
	CLA D3	3.4	3.312	18.9	7.5				
	D4								
	D5								
15	FCL D1	0.0	2.074	15.3	7.6	2.03	20.00	4.07 (G)	
	FCL D2	1.6	0.829	15.8	7.6				
	CLA D3	3.1	3.312	19.3	7.5				
	D4								
	D5								
16	FCL D1	0.0	2.074	16.5	7.6	2.26	26.00	4.52 (G)	
	FCL D2	2.0	0.829	16.5	7.6				
	CLA D3	3.1	3.312	20.2	7.6				
	D4								
	D5								

NOTE: = ONLY use the "Time=" column to show the length of time that the total inactivation ratio was less than 1.00.

SUBMITTED BY: 
TCEQ - 0102C (07-19-10)

Certificate No.
and Grade: WS0011192, B

Date: December 8, 2014

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 (cont.)
Disinfection Data Page (cont.)

PUBLIC WATER
SYSTEM NAME:

River Place Water System

PLANT NAME
OR NUMBER:

RIVER PLACE WTP

PWS ID No.:

2270252

Month:

November

Year: 2014

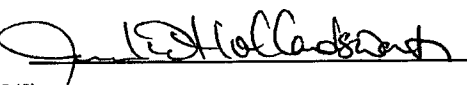
DISINFECTION PROCESS PARAMETERS									
APPROVED CT STUDY PARAMETERS						PERFORMANCE STANDARDS			
Disinfection Zones						Log Inactivations			
Parameters	D1	D2	D3	D4	D5	Giardia lamblia Cysts		Virus	
Flow Rate (MGD)	2.290	0.916	5.760			0.5		2.0	
T ₁₀ (minutes)	40.4	8.4	111.8						

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
17	FCL D1	0.0	2.074	15.1	7.6	1.67	13.75	3.34 (G)	
	FCL D2	1.1	0.829	14.9	7.5				
	CLA D3	3.0	3.312	17.1	7.6				
	D4								
	D5								
18	FCL D1	0.0	2.074	15.4	7.7	1.91	24.04	3.83 (G)	
	FCL D2	2.0	0.829	16.0	7.6				
	CLA D3	2.8	3.312	18.5	7.8				
	D4								
	D5								
19	FCL D1	0.0	2.074	16.7	7.6	2.08	24.36	4.15 (G)	
	FCL D2	2.1	0.829	15.3	7.6				
	CLA D3	3.4	3.312	17.0	7.6				
	D4								
	D5								
20	FCL D1	0.0	2.074	16.8	7.5	1.93	21.26	3.85 (G)	
	FCL D2	1.8	0.829	15.3	7.6				
	CLA D3	2.9	3.312	18.8	7.6				
	D4								
	D5								
21	FCL D1	0.0	2.074	19.0	7.5	2.20	25.02	4.39 (G)	
	FCL D2	1.8	0.829	17.6	7.6				
	CLA D3	3.1	3.312	19.6	7.6				
	D4								
	D5								
22	FCL D1	0.0	2.074	17.7	7.7	2.06	27.74	4.11 (G)	
	FCL D2	2.1	0.829	17.6	7.6				
	CLA D3	2.8	3.312	18.9	7.6				
	D4								
	D5								
23	FCL D1	0.0	2.074	16.9	7.6	1.86	24.46	3.71 (G)	
	FCL D2	2.0	0.829	16.3	7.6				
	CLA D3	2.8	3.312	17.4	7.5				
	D4								
	D5								
24	FCL D1	0.0	2.074	17.1	7.6	2.00	28.40	4.01 (G)	
	FCL D2	2.4	0.829	15.9	7.6				
	CLA D3	2.8	3.312	18.3	7.6				
	D4								
	D5								

PERFORMANCE DATA									
Date	DISINFECTION PROCESS DATA								
	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
25	FCL D1	0.0	2.074	16.2	7.6	2.05	33.95	4.09 (G)	
	FCL D2	2.9	0.829	16.2	7.8				
	CLA D3	2.9	3.312	17.6	7.6				
	D4								
	D5								
26	FCL D1	0.0	2.074	15.9	7.6	2.08	36.31	4.16 (G)	
	FCL D2	3.3	0.829	15.4	7.6				
	CLA D3	2.8	3.312	17.3	7.6				
	D4								
	D5								
27	FCL D1	0.0	2.074	16.5	7.6	2.11	37.88	4.22 (G)	
	FCL D2	3.4	0.829	15.9	7.6				
	CLA D3	2.8	3.312	17.2	7.5				
	D4								
	D5								
28	FCL D1	0.0	2.074	17.5	7.7	1.95	38.91	3.90 (G)	
	FCL D2	3.3	0.829	17.0	7.6				
	CLA D3	2.2	3.312	18.6	7.5				
	D4								
	D5								
29	FCL D1	0.0	2.074	17.5	7.6	2.07	37.90	4.15 (G)	
	FCL D2	3.1	0.829	17.0	7.6				
	CLA D3	2.4	3.312	19.1	7.5				
	D4								
	D5								
30	FCL D1	0.0	2.074	19.5	7.6	2.14	40.79	4.28 (G)	
	FCL D2	3.0	0.829	18.7	7.6				
	CLA D3	2.0	3.312	21.8	7.5				
	D4								
	D5								
31	D1								
	D2								
	D3								
	D4								
	D5								
Max						3.15	45.95		
Min						1.67	13.75		
Avg						2.28	33.51		
SD						0.34	8.63		

NOTE: = ONLY use the "Time=" column to show the length of time that the total inactivation ratio was less than 1.00.

SUBMITTED BY:



Certificate No.
and Grade:

WS0011192, B

Date: December 8, 2014

TCEQ - 0102C (07-19-10)

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SWMOR

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR) FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

PUBLIC WATER SYSTEM NAME: River Place Water System
PWS ID No.: 2270252

PLANT NAME OR NUMBER: RIVER PLACE WTP
Month: November Year: 2014

Type of treatment: ☒ Conventional ☐ Unconventional explain: _____

Note. Systems are required to run one TOC Sample Set every month. Additional space is provided for those systems that do additional sampling

Test No.	Test Date	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required Removal %	Step 1 Removal Ratio	Optional data		COMPLIANCE REMOVAL RATIO
		Raw Alkalinity	Raw TOC	Treated TOC				Step 2 Required % Removal	Step 2 Removal Ratio	
		Enter the Sample Set results			calculated	calculated from matrix	calculated			calculated
1	11/12	167	3.76	3.00	20.2	15	1.35			1.35
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Avg		167.00	3.76	3.00	20.21		1.35			1.35
Max		167.00	3.76	3.00	20.21		1.35			1.35
Min		167.00	3.76	3.00	20.21		1.35			1.35

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summary					Monthly Compliance Ratio
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	
167	3.76	3.00	20.2	NA	1.35

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

Operator Signature: [Signature]

Certificate No. and Grade: WS0011192, B

Date: December 8, 2014

Submit the report by the 10th of the month following the reporting period to:

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

City of Austin
Austin Water Utility

Laboratory Services Division

Riverplace Water Treatment Plant

This data has been proofed by a Laboratory Official: YES

November 2014

DBP RULE COMPLIANCE TOC & ALKALINITY

Collection Date:	SM 2320 B	SM 5310 C	SM 5310 C
	Alkalinity (mg/L)	TOC (mg/L)	TOC (mg/L)
	RAW R-RP	RAW R-RP	TAP T-RP
12-Nov-14	167	3.76	3.00
Total	167	3.76	3.00
Average	167	3.76	3.00
Maximum	167	3.76	3.00
Minimum	167	3.76	3.00

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: River Place Water System

PLANT NAME

OR NUMBER: River Place WTP

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.: 2270252

Operator's Signature: [Signature]

Report for

the Month of: October 2014

Certificate No. & Grade: WO0034646, A

Date: November 7, 2014

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	186	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	1	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days with readings above 1.0 NTU:	0 (2)
Number of readings above 1.0 NTU:	0	Number of days with readings above 5.0 NTU:	0 (3)
Maximum allowable turbidity level:	0.3		
Percentage of readings above this limit:	0.0 % (1)		
Statistical Summary		Maximum turbidity reading:	0.12 NTU
		Average turbidity value:	0.08 NTU
		Minimum turbidity reading:	0.06 NTU
		Standard deviation:	0.009 NTU
		CFE 95 th percentile value:	0.10 NTU
		IFE 95 th percentile:	0.196 NTU
Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	2.88
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Average log inactivation for viruses:	39.01
		Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0
Minimum disinfectant residual required leaving the plant:		0.5 mg/L, measured as Total Chlorine	
Number of days with a low residual for no more than 4.0 consecutive hours:	0		
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system:		0.5 mg/L, measured as Total Chlorine	
Total number of readings this month:	34	(at least 31 required)	(8)
Average disinfectant residual value:	1.61	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)
Number of readings with no detectable residual:	0		

ADDITIONAL REPORTS & WORKSHEETS

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

Additional report(s) for individual filter monitoring required:

☒ NONE ☐ Filter Profile ☐ Filter Assessment ☐ CPE

Additional report(s) for individual filter monitoring submitted:

☒ NONE ☐ Filter Profile (9) ☐ Filter Assessment (10) ☐ CPE (11)

No additional IFE Reports are required this month.

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

SURFACE WATER MONTHLY OPERATING REPORT
 FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
 OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER (cont.)
Turbidity Data Page

PUBLIC WATER SYSTEM NAME: River Place Water System PLANT NAME OR NUMBER: River Place WTP
 PWS ID No.: 2270252 Connections: 1,013
 Month: October Year: 2014 Population: 3,039

PERFORMANCE DATA																			
Date	Raw Water Pumpage (MGD)	Treated Water Pumpage (MGD)	RAW WATER ANALYSES		SETTLED WATER TURBIDITY (Mandatory Data)						FINISHED WATER QUALITY								
			NTU	Alk.	Basin No.						Turbidity						Lowest	Time	
					1	2	3	4	5	6	NTU1	NTU2	NTU3	NTU4	NTU5	NTU6	Residual		
1	1.373	1.297	6	165	0.3	0.6						0.08	0.08	0.08	0.07	0.07	0.07	2.1	
2	1.534	1.494	5	170	0.5	0.6						0.07	0.07	0.07	0.07	0.07	0.07	1.8	
3	0.980	0.903	4	171	0.5	0.5						0.08	0.08	0.08	0.07	0.06	0.06	2.6	
4	0.631	0.581	3	171	0.6	0.8						0.07	0.07	0.07	0.07	0.07	0.07	2.1	
5	0.676	0.688	3	170	1.0	0.9						0.07	0.07	0.07	0.08	0.08	0.08	2.0	
6	0.818	0.692	3	170	0.7	0.9						0.08	0.09	0.09	0.09	0.09	0.10	2.6	
7	0.621	0.618	3	164	0.6	0.4						0.10	0.10	0.10	0.09	0.12	0.09	2.1	
8	1.309	1.296	2	175	0.8	0.6						0.08	0.08	0.08	0.08	0.08	0.08	2.1	
9	1.579	1.579	4	175	0.7	0.5						0.08	0.09	0.09	0.10	0.09	0.08	2.1	
10	1.053	0.886	4	170	0.9	0.6						0.08	0.09	0.09	0.10	0.09	0.08	1.7	
11	0.676	0.602	3	174	0.8	0.8						0.08	0.08	0.08	0.08	0.08	0.08	1.9	
12	0.613	0.611	3	172	0.8	0.8						0.08	0.08	0.08	0.08	0.08	0.08	2.1	
13	0.516	0.505	3	172	0.8	0.8						0.08	0.08	0.08	0.08	0.08	0.08	2.1	
14	0.350	0.317	3	171	0.8	0.5						0.08	0.08	0.07	0.07	0.07	0.07	1.9	
15	1.363	1.284	4	179	0.6	0.4						0.07	0.07	0.07	0.07	0.07	0.07	1.7	
16	0.533	1.102	4	179	0.5	0.4						0.08	0.09	0.10	0.10	0.10	0.10	1.4	
17	0.426	0.888	3	180	0.6	0.4						0.10	0.09	0.09	0.08	0.08	0.08	1.4	
18	0.272	0.584	3	165	0.8	0.6						0.08	0.08	0.08	0.08	0.08	0.08	1.9	
19	0.607	0.600	2	174	1.0	0.6						0.08	0.08	0.08	0.08	0.08	0.08	2.0	
20	0.801	0.797	4	170	0.7	0.5						0.08	0.09	0.09	0.08	0.08	0.08	1.8	
21	0.696	0.696	4	170	0.7	0.4						0.09	0.09	0.09	0.09	0.09	0.09	1.7	
22	1.237	1.231	4	172	0.5	0.4						0.09	0.09	0.09	0.09	0.09	0.09	1.4	
23	1.809	1.742	4	176	0.7	1.0						0.09	0.09	0.08	0.08	0.08	0.08	1.1	
24	0.901	0.898	4	178	1.1	1.6						0.08	0.08	0.08	0.08	0.08	0.08	1.5	
25	0.619	0.595	3	170	1.4	1.4						0.08	0.08	0.08	0.08	0.08	0.08	2.0	
26	0.660	0.625	3	164	0.8	0.8						0.08	0.08	0.08	0.08	0.08	0.08	1.8	
27	0.810	0.785	4	179	0.6	0.3						0.08	0.08	0.08	0.08	0.08	0.08	2.2	
28	0.725	0.706	2	170	0.6	0.2						0.07	0.07	0.07	0.07	0.07	0.07	2.2	
29	1.374	1.289	3	168	0.7	0.5						0.07	0.07	0.07	0.07	0.07	0.07	1.9	
30	1.597	1.522	3	168	0.6	0.4						0.07	0.08	0.07	0.07	0.07	0.07	1.7	
31	0.901	0.900	4	168	2.4	0.6						0.08	0.07	0.07	0.07	0.07	0.07	2.2	
Total	28.060	28.313	NOTE: ONLY use the "Time" column to show the length of time that the disinfectant residual entering the distribution system fell below the acceptable level.																
Avg	0.905	0.913																	
Max	1.809	1.742																	
Min	0.272	0.317																	

NOTE: ONLY use the "Time" column to show the length of time that the disinfectant residual entering the distribution system fell below the acceptable level.

SUBMITTED BY:  Certificate No. and Grade: W00034646, A Date: November 7, 2014
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SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER (cont.)

Filter Data Page

PUBLIC WATER
SYSTEM NAME: River Place Water System

PLANT NAME
OR NUMBER: River Place WTP

PWS ID No.: 2270252

Month: October Year: 2014

PERFORMANCE DATA																				
INDIVIDUAL FILTER TURBIDITY																				
Date	Filter No. 1		Filter No. 2		Filter No. 3		Filter No. 4		Filter No. 5		Filter No. 6		Filter No. 7		Filter No. 8		Filter No. 9		Filter No. 10	
	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs
1	0.07	0.05	0.07	0.06	0.06	0.06	0.08	0.07	0.12	0.11										
2	0.07	0.06	0.07	0.06	0.07	0.06	0.08	0.08	0.13	0.11										
3	0.07		0.07		0.06		0.08		0.12											
4	0.27		0.17		0.10		0.08		X											
5	0.26		0.24		0.13		0.08		X											
6	0.20		0.18		0.13		0.07		X											
7	0.21		0.18		0.07		0.05		X											
8	0.28	0.12	0.19	0.06	0.10	0.05	0.05	0.05	X											
9	0.17	0.13	0.15	0.08	0.07	0.05	0.05	0.05	0.09	0.07										
10	0.17		0.15		0.07		0.05		0.09											
11	0.09		0.11		0.11		0.05		0.10											
12	0.07		0.08		0.09		0.03		0.07											
13	0.08		0.08		0.07		0.03		0.06											
14	0.08		0.13		0.07		x		0.05											
15	0.15	0.12	0.23	0.13	0.13	0.08	0.21	0.07	0.12	0.08										
16	0.12	0.09	0.15	0.07	0.09	0.06	0.10	0.04	0.11	0.05										
17	0.11		0.08		0.06		0.05		0.08											
18	0.10		0.09		0.07		0.05		0.05											
19	0.12		0.10		0.08		0.04		0.05											
20	0.13		0.13		0.07		0.04		0.05											
21	0.20		0.10		0.08		0.03		0.04											
22	0.10	0.09	0.08	0.07	0.07	0.06	0.08	0.03	0.08	0.03										
23	0.10	0.08	0.08	0.06	0.07	0.06	0.08	0.06	0.08	0.06										
24	0.08		0.08		0.06		0.06		0.07											
25	0.09		0.07		0.07		0.06		0.06											
26	0.09		0.07		0.06		0.06		0.06											
27	0.07		0.06		0.06		0.06		0.06											
28	0.08		0.07		0.08		0.05		0.06											
29	0.09	0.09	0.07	0.07	0.09	0.06	0.05	0.03	0.05	0.03										
30	0.09	0.08	0.07	0.06	0.07	0.05	0.07	0.03	0.07	0.03										
31	0.07		0.06		0.06		0.06		0.07											

SUMMARY & COMPLIANCE ACTIONS	Criteria	Filter No.										Plant
		1	2	3	4	5	6	7	8	9	10	
	Number of days with event(s) above 0.5 NTU at 4.0 hrs this month											
	Number of days with event(s) above 1.0 NTU this month	0	0	0	0	0						
	Number of days with event(s) above 1.0 NTU last month	0	0	0	0	0						
	Number of days with event(s) above 1.0 NTU two months ago	0	0	0	0	0						
	Total number of days with event(s) above 1.0 NTU in three months	0	0	0	0	0						
	Number of days with event(s) above 2.0 NTU this month											0
	Number of days with event(s) above 2.0 NTU last month											0
	Does the filter/plant have an approved Corrective Action Plan?	N	N	N	N	N						N
	Is the plant required to submit a Filter Profile Report?	N	N	N	N	N						
	Is the plant required to submit a Filter Assessment Report?	N	N	N	N	N						
	Is the plant required to submit a Request for Compliance CPE?											N

SUBMITTED BY:



Certificate No.
and Grade:

WO0034646, A

Date: November 7, 2014

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 (cont.)
Disinfection Data Page

PUBLIC WATER
SYSTEM NAME: River Place Water System

PLANT NAME
OR NUMBER: River Place WTP

PWS ID No.: 2270252

Month: October Year: 2014

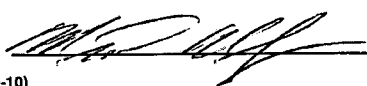
DISINFECTION PROCESS PARAMETERS									
APPROVED CT STUDY PARAMETERS						PERFORMANCE STANDARDS			
Disinfection Zones						Log Inactivations			
Parameters	D1	D2	D3	D4	D5	Giardia lamblia Cysts		Viruses	
Flow Rate (MGD)	2.290	0.916	5.760			0.5		2.0	
T ₁₀ (minutes)	40.4	8.4	111.8						

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
1	FCL D1	0.0	2.074	25.5	7.6	3.34	34.94	6.69 (G)	
	FCL D2	1.4	0.829	25.5	7.4				
	CLA D3	3.2	3.312	26.4	7.5				
	D4								
	D5								
2	FCL D1	0.0	2.074	25.2	7.3	3.58	42.87	7.16 (G)	
	FCL D2	1.9	0.829	24.8	7.3				
	CLA D3	3.2	3.312	26.6	7.3				
	D4								
	D5								
3	FCL D1	0.0	2.074	26.3	7.2	2.96	29.93	5.92 (G)	
	FCL D2	1.2	0.829	25.7	7.1				
	CLA D3	2.7	3.312	25.5	7.3				
	D4								
	D5								
4	FCL D1	0.0	2.074	24.9	7.3	2.63	24.74	5.26 (G)	
	FCL D2	1.3	1.037	24.6	7.2				
	CLA D3	2.7	3.312	24.3	7.3				
	D4								
	D5								
5	FCL D1	0.0	2.074	23.9	7.4	2.28	19.39	4.55 (G)	
	FCL D2	1.1	1.037	23.5	7.3				
	CLA D3	2.6	3.312	23.6	7.3				
	D4								
	D5								
6	FCL D1	0.0	2.074	25.9	7.4	3.12	33.98	6.24 (G)	
	FCL D2	1.8	1.037	25.4	7.3				
	CLA D3	2.9	3.312	25.0	7.4				
	D4								
	D5								
7	FCL D1	0.0	2.074	26.8	7.4	3.61	34.49	7.22 (G)	
	FCL D2	1.8	1.037	25.4	7.3				
	CLA D3	3.8	3.312	24.3	7.4				
	D4								
	D5								
8	FCL D1	0.0	2.074	25.4	7.4	3.35	35.62	6.71 (G)	
	FCL D2	1.9	1.037	25.0	7.3				
	CLA D3	3.2	3.312	26.5	7.4				
	D4								
	D5								

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
9	FCL D1	0.0	2.074	25.8	7.5	2.71	26.14	5.42 (G)	
	FCL D2	1.1	0.829	25.0	7.3				
	CLA D3	2.6	3.312	25.2	7.4				
	D4								
	D5								
10	FCL D1	0.0	2.074	26.8	7.5	3.12	50.39	6.25 (G)	
	FCL D2	2.1	0.829	26.7	7.3				
	CLA D3	2.3	3.312	24.7	7.5				
	D4								
	D5								
11	FCL D1	0.0	2.074	23.0	7.3	2.16	23.11	4.32 (G)	
	FCL D2	1.1	0.829	23.2	7.3				
	CLA D3	2.0	3.312	24.8	7.4				
	D4								
	D5								
12	FCL D1	0.0	2.074	24.0	7.3	2.28	28.19	4.57 (G)	
	FCL D2	1.4	0.829	24.0	7.3				
	CLA D3	2.1	3.312	24.0	7.5				
	D4								
	D5								
13	FCL D1	0.0	2.074	23.2	7.5	2.59	37.76	5.18 (G)	
	FCL D2	2.0	0.829	23.1	7.3				
	CLA D3	2.2	3.312	24.0	7.5				
	D4								
	D5								
14	FCL D1	0.0	2.074	24.8	7.5	2.11	21.95	4.22 (G)	
	FCL D2	1.2	1.037	24.5	7.3				
	CLA D3	2.3	3.312	23.1	7.5				
	D4								
	D5								
15	FCL D1	0.0	2.074	23.0	7.4	2.88	43.66	5.75 (G)	
	FCL D2	2.3	0.829	23.0	7.3				
	CLA D3	2.5	3.312	23.6	7.5				
	D4								
	D5								
16	FCL D1	0.0	2.074	24.7	7.4	2.64	42.72	5.27 (G)	
	FCL D2	2.2	0.829	23.9	7.3				
	CLA D3	2.1	3.312	23.8	7.4				
	D4								
	D5								

NOTE: = ONLY use the "Time=" column to show the length of time that the total inactivation ratio was less than 1.00.

SUBMITTED BY:



Certificate No.

and Grade: WO0034646, A

Date: November 7, 2014

TCEQ - 0102C (07-19-10)

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SWMOR

COA Resp to PUC RFI-1101

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 (cont.)
Disinfection Data Page (cont.)

PUBLIC WATER
SYSTEM NAME: River Place Water System
PWS ID No.: 2270252

PLANT NAME
OR NUMBER: River Place WTP
Month: October Year: 2014

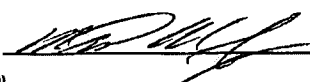
DISINFECTION PROCESS PARAMETERS									
APPROVED CT STUDY PARAMETERS						PERFORMANCE STANDARDS			
Disinfection Zones						Log Inactivations			
Parameters	D1	D2	D3	D4	D5	Giardia lamblia Cysts	Virus		
Flow Rate (MGD)	2.290	0.916	5.760			0.5	2.0		
T ₁₀ (minutes)	40.4	8.4	111.8						

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
17	FCL D1	0.0	2.074	25.7	7.5	2.38	44.70	4.76 (G)	
	FCL D2	2.2	0.829	24.6	7.4				
	CLA D3	1.6	3.312	24.4	7.4				
	D4								
	D5								
18	FCL D1	0.0	2.074	23.9	7.5	2.77	50.19	5.54 (G)	
	FCL D2	2.7	0.829	23.3	7.4				
	CLA D3	2.2	3.312	23.5	7.8				
	D4								
	D5								
19	FCL D1	0.0	2.074	23.1	7.4	2.61	40.63	5.21 (G)	
	FCL D2	2.2	0.829	22.8	7.3				
	CLA D3	2.3	3.312	23.0	7.5				
	D4								
	D5								
20	FCL D1	0.0	2.074	24.1	7.3	3.18	50.55	6.36 (G)	
	FCL D2	2.8	0.829	22.8	7.3				
	CLA D3	2.9	3.312	22.9	7.5				
	D4								
	D5								
21	FCL D1	0.0	2.074	24.1	7.4	2.82	49.63	5.64 (G)	
	FCL D2	2.6	0.829	23.4	7.4				
	CLA D3	2.4	3.312	22.9	7.6				
	D4								
	D5								
22	FCL D1	0.0	2.074	24.2	7.4	2.67	45.05	5.34 (G)	
	FCL D2	2.3	0.829	23.8	7.4				
	CLA D3	2.3	3.312	22.9	7.4				
	D4								
	D5								
23	FCL D1	0.0	2.074	22.3	7.4	3.23	49.35	6.46 (G)	
	FCL D2	2.8	0.829	22.3	7.4				
	CLA D3	3.2	3.312	22.6	7.4				
	D4								
	D5								
24	FCL D1	0.0	2.074	21.9	7.4	2.87	45.81	5.74 (G)	
	FCL D2	2.6	0.829	22.0	7.4				
	CLA D3	2.7	3.312	22.7	7.5				
	D4								
	D5								

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
25	FCL D1	0.0	2.074	21.5	7.3	2.84	43.81	5.68 (G)	
	FCL D2	2.6	0.829	21.6	7.4				
	CLA D3	2.7	3.312	22.9	7.8				
	D4								
	D5								
26	FCL D1	0.0	2.074	22.8	7.3	2.82	32.40	5.63 (G)	
	FCL D2	1.7	0.829	22.8	7.3				
	CLA D3	3.1	3.312	22.5	7.5				
	D4								
	D5								
27	FCL D1	0.0	2.074	25.0	7.4	2.64	28.24	5.27 (G)	
	FCL D2	1.1	0.829	26.3	7.3				
	CLA D3	2.7	3.312	23.6	7.5				
	D4								
	D5								
28	FCL D1	0.0	2.074	24.2	7.4	2.93	43.50	5.86 (G)	
	FCL D2	2.3	0.829	23.4	7.3				
	CLA D3	2.5	3.312	24.0	7.4				
	D4								
	D5								
29	FCL D1	0.0	2.074	23.3	7.4	3.59	53.85	7.18 (G)	
	FCL D2	2.8	0.829	23.1	7.4				
	CLA D3	3.4	3.312	23.4	7.4				
	D4								
	D5								
30	FCL D1	0.0	2.074	23.8	7.5	3.43	53.65	6.86 (G)	
	FCL D2	2.9	0.829	23.0	7.3				
	CLA D3	3.0	3.312	23.7	7.3				
	D4								
	D5								
31	FCL D1	0.0	2.074	22.5	7.3	3.22	47.93	6.44 (G)	
	FCL D2	2.7	0.829	22.1	7.2				
	CLA D3	3.0	3.312	23.0	7.4				
	D4								
	D5								
						Max	3.61	53.85	
						Min	2.11	19.39	
						Avg	2.88	39.01	
						SD	0.41	9.94	

NOTE: = ONLY use the "Time=" column to show the length of time that the total inactivation ratio was less than 1.00.

SUBMITTED BY:



Certificate No. and Grade: WO0034646, A

Date: November 7, 2014

TCEQ - 0102C (07-19-10)

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SWMOR

COA Resp to PUC RFI-1102

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR) FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

PUBLIC WATER SYSTEM NAME: River Place Water System
PWS ID No.: 2270252

PLANT NAME OR NUMBER: River Place WTP
Month: October Year: 2014

Type of treatment: ☒ Conventional ☐ Unconventional explain: _____

Note: Systems are required to run one TOC Sample Set every month. Additional space is provided for those systems that do additional sampling

Test No.	Test Date	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required Removal %	Step 1 Removal Ratio	Optional data		COMPLIANCE REMOVAL RATIO
		Raw Alkalinity	Raw TOC	Treated TOC				Step 2 Required % Removal	Step 2 Removal Ratio	
		Enter the Sample Set results			calculated	calculated from matrix	calculated			calculated
1	10/1	152	4.16	3.14	24.5	25	0.98			0.98
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Avg		152.00	4.16	3.14	24.52		0.98			0.98
Max		152.00	4.16	3.14	24.52		0.98			0.98
Min		152.00	4.16	3.14	24.52		0.98			0.98

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summary: Don't forget to include a copy of your P.7-TOC ACC worksheet with your report.					Monthly Compliance Ratio
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	
152	4.16	3.14	24.5	6 Mo. Avg	1.00

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

Operator's Signature: 

Certificate No. and Grade: WO0034646, A

Date: November 7, 2014

Submit the report by the 10th of the month following the reporting period to:

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

TOC ALTERNATIVE COMPLIANCE CRITERIA REPORT
FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

PUBLIC WATER
SYSTEM NAME: River Place Water System
PWS ID No.: 2270252

PLANT NAME
OR NUMBER: River Place WTP
Month: October Year: 2014

This Alternative Compliance Criteria (ACC) Report is being submitted to request the following ACC: (check one)
(Before you can begin entering data, you must put an "X" in the box that shows the number of the Alternative Compliance Criteria you are applying for.)

#1 ☐ #2 ☐ #3 ☐ #4 ☐ #5 ☐ #6 ☒ #7 ☐ #8 ☐

ACC
#1

ACC #
2

ACC #
3

ACC #
4

ACC #
5

ACC #
5

Treated water SUVA less than or equal to 2.0 L/mg-m?
(either based on most recent month's data OR calculated quarterly as a running annual average)
(Treated water SUVA is the dissolved organic carbon concentration divided by the ultraviolet light absorption at 254 nanometers in the finished water before any disinfection of any kind or measured using a finished water SUVA jar test. (See the instructions worksheet for more info.) Measure monthly

Treated water
SUVA measured.

☒ In Plant
☐ By Finished Water SUVA Jar Test

Current
Month SUVA
0.05

ACC
#7

ACC #
8

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

Operator's Signature: [Signature]

Certificate No. and Grade: WO0034646, A

Date: November 7, 2014

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: River Place MUD

PLANT NAME
 OR NUMBER: RIVER PLACE WTP

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.: 2270252

Operator's Signature: [Signature]

Report for
 the Month of: February 2015

Certificate No. & Grade: WS0011192, B

Date: March 6, 2015

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	<u>168</u>	Number of 4-hour periods when plant was off-line:	<u>0</u>
Number of readings above 0.10 NTU:	<u>0</u>	Number of 4-hour periods when plant was on-line	
Number of readings above 0.3 NTU:	<u>0</u>	but turbidity data was not collected:	<u>0</u>
Number of readings above 0.5 NTU:	<u>0</u>	Number of days when plant was on-line	
Number of readings above 1.0 NTU:	<u>0</u>	but individual filter turbidity data was not collected:	<u>0</u>
Maximum allowable turbidity level:	<u>0.3</u>	Number of days with readings above 1.0 NTU:	<u>0</u> (2)
Percentage of readings above this limit:	<u>0.0</u> % (1)	Number of days with readings above 5.0 NTU:	<u>0</u> (3)

Statistical Summary	Maximum turbidity reading:	<u>0.08</u> NTU	Average turbidity value:	<u>0.08</u> NTU
	Minimum turbidity reading:	<u>0.07</u> NTU	Standard deviation:	<u>0.004</u> NTU
	CFE 95 th percentile value:	<u>0.08</u> NTU	IFE 95 th percentile:	<u>0.131</u> NTU

Number of days with a low CT for no more than 4.0 consecutive hours:	<u>0</u>	Average log inactivation for Giardia:	<u>2.05</u>
Number of days with a low CT for more than 4.0 consecutive hours:	<u>0</u> (4)	Average log inactivation for viruses:	<u>34.60</u>
		Number of days when profiling data was not collected:	<u>0</u>
		Number of days when CT data was not collected:	<u>0</u>

Minimum disinfectant residual required leaving the plant:	<u>0.5</u> mg/L, measured as Total Chlorine
Number of days with a low residual for no more than 4.0 consecutive hours:	<u>0</u>
Number of days with a low residual for more than 4.0 consecutive hours:	<u>0</u> (5)
Number of days when disinfectant residual leaving the plant was not properly monitored:	<u>0</u>

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system:	<u>0.5</u> mg/L, measured as Total Chlorine
Total number of readings this month:	<u>34</u> (at least 28 required) (8)
Average disinfectant residual value:	<u>1.57</u>
Percentage of readings with a low residual this month:	<u>0.0</u> % (6A)
Number of readings with a low residual:	<u>0</u>
Percentage of readings with a low residual last month:	<u>0.0</u> % (6B)
Number of readings with no detectable residual:	<u>0</u>

ADDITIONAL REPORTS & WORKSHEETS

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

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

No additional IFE Reports are required this month.

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

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER (cont.)

Turbidity Data Page

PUBLIC WATER SYSTEM NAME: <u>River Place MUD</u> PWS ID No.: <u>2270252</u> Month: <u>February</u> Year: <u>2015</u>	PLANT NAME OR NUMBER: <u>RIVER PLACE WTP</u> Connections: <u>1,406</u> Population: <u>4,218</u>
--	--

PERFORMANCE DATA																		
Date	Raw Water Pumpage (MGD)	Treated Water Pumpage (MGD)	RAW WATER ANALYSES		SETTLED WATER TURBIDITY (Mandatory Data)						FINISHED WATER QUALITY							
			NTU	Alk.	Basin No.						Turbidity						Lowest Residual	Time
					1	2	3	4	5	6	NTU1	NTU2	NTU3	NTU4	NTU5	NTU6		
1	0.341	0.355	5	179	0.4	0.3					0.08	0.08	0.08	0.08	0.08	0.08	2.8	
2	0.351	0.363	4	178	0.5	0.7					0.08	0.08	0.08	0.08	0.08	0.08	1.9	
3	0.362	0.375	5	178	0.8	0.7					0.08	0.08	0.08	0.08	0.08	0.08	2.8	
4	0.466	0.472	5	180	0.6	0.4					0.08	0.08	0.08	0.08	0.08	0.08	2.7	
5	0.349	0.362	5	183	1.2	0.5					0.08	0.08	0.08	0.08	0.08	0.07	2.9	
6	0.402	0.376	4	172	0.7	0.3					0.08	0.08	0.08	0.08	0.08	0.08	2.9	
7	0.341	0.321	5	172	0.9	0.3					0.08	0.08	0.08	0.08	0.08	0.08	2.9	
8	0.428	0.467	5	176	0.5	0.2					0.08	0.08	0.08	0.08	0.08	0.08	2.9	
9	0.281	0.252	5	180	0.8	0.9					0.08	0.08	0.08	0.08	0.08	0.08	2.0	
10	0.467	0.484	6	175	0.5	0.3					0.08	0.08	0.08	0.08	0.08	0.08	2.9	
11	0.417	0.433	7	174	0.7	0.3					0.08	0.08	0.08	0.08	0.08	0.08	2.9	
12	0.580	0.549	6	177	0.8	0.6					0.07	0.07	0.07	0.07	0.07	0.07	2.1	
13	0.403	0.384	7	176	0.6	0.2					0.07	0.07	0.07	0.07	0.07	0.07	2.7	
14	0.356	0.372	6	176	0.5	0.3					0.07	0.07	0.07	0.07	0.07	0.07	2.1	
15	0.367	0.420	6	174	0.8	0.6					0.07	0.07	0.07	0.07	0.07	0.07	2.7	
16	0.293	0.264	5	183	0.7	0.4					0.07	0.07	0.07	0.07	0.07	0.07	2.7	
17	0.441	0.451	4	184	1.0	1.0					0.08	0.07	0.07	0.07	0.07	0.07	2.6	
18	0.468	0.430	5	182	0.6	0.4					0.07	0.07	0.08	0.08	0.08	0.08	2.5	
19	0.423	0.423	5	184	0.6	0.3					0.08	0.08	0.08	0.08	0.08	0.08	2.6	
20	0.396	0.408	3	181	0.5	0.3					0.08	0.08	0.08	0.08	0.08	0.08	2.9	
21	0.352	0.365	5	178	0.5	0.2					0.08	0.08	0.08	0.08	0.08	0.08	2.9	
22	0.381	0.375	4	181	0.8	0.5					0.08	0.08	0.08	0.08	0.08	0.08	2.9	
23	0.363	0.309	5	179	1.0	1.2					0.08	0.08	0.08	0.08	0.07	0.08	2.7	
24	0.486	0.474	4	182	1.2	1.5					0.08	0.07	0.07	0.07	0.07	0.07	3.1	
25	0.427	0.436	4	182	0.6	0.2					0.07	0.08	0.08	0.08	0.08	0.08	2.2	
26	0.420	0.404	5	181	0.7	0.3					0.08	0.08	0.08	0.08	0.08	0.08	3.4	
27	0.289	0.271	5	187	0.7	0.8					0.08	0.08	0.08	0.08	0.08	0.08	3.3	
28	0.442	0.425	4	185	0.9	1.2					0.08	0.08	0.08	0.08	0.08	0.08	2.2	
29																		
30																		
31																		
Total	11.092	11.020	NOTE: ONLY use the "Time" column to show the length of time that the disinfectant residual entering the distribution system fell below the acceptable level.															
Avg	0.396	0.394																
Max	0.580	0.549																
Min	0.281	0.252																

NOTE: ONLY use the "Time" column to show the length of time that the disinfectant residual entering the distribution system fell below the acceptable level.

SUBMITTED BY: *Julie Holladay* Certificate No. and Grade: WS0011192, B Date: March 6, 2015

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 (cont.)

Filter Data Page

PUBLIC WATER
SYSTEM NAME: River Place MUD

PLANT NAME
OR NUMBER: RIVER PLACE WTP

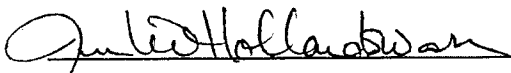
PWS ID No.: 2270252

Month: February Year: 2015

PERFORMANCE DATA																				
INDIVIDUAL FILTER TURBIDITY																				
Date	Filter No. 1		Filter No. 2		Filter No. 3		Filter No. 4		Filter No. 5		Filter No. 6		Filter No. 7		Filter No. 8		Filter No. 9		Filter No. 10	
	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs
1	0.06	x	0.04	x	0.06	x	0.07	x	0.07	x										
2	0.06	x	0.04	x	0.05	x	0.05	x	0.04	x										
3	0.06	x	0.04	x	0.05	x	0.05	x	0.04	x										
4	0.08	x	0.05	x	0.05	x	0.05	x	0.05	x										
5	0.08	x	0.07	x	0.05	x	0.04	x	0.04	x										
6	0.07	x	0.08	x	0.08	x	0.04	x	0.05	x										
7	0.08	x	0.08	x	0.05	x	0.04	x	0.05	x										
8	0.06	x	0.08	x	0.05	x	0.05	x	0.05	x										
9	0.07	x	0.07	x	0.05	x	0.04	x	0.04	x										
10	0.08	x	0.03	x	0.05	x	0.05	x	0.05	x										
11	0.07	x	0.03	x	0.04	x	0.04	x	0.04	x										
12	0.08	x	0.05	x	0.05	x	0.04	x	0.05	x										
13	0.08	x	0.05	x	0.06	x	0.04	x	0.07	x										
14	0.07	x	0.06	x	0.05	x	0.04	x	0.04	x										
15	0.07	x	0.05	x	0.05	x	0.04	x	0.04	x										
16	0.07	x	0.06	x	0.06	x	0.04	x	0.04	x										
17	0.09	x	0.07	x	0.09	x	0.05	x	0.04	x										
18	0.07	x	0.18	x	0.08	x	0.06	x	0.07	x										
19	0.09	x	0.14	x	0.06	x	0.05	x	0.04	x										
20	0.07	x	0.03	x	0.05	x	0.05	x	0.05	x										
21	0.07	x	0.06	x	0.04	x	0.04	x	0.05	x										
22	0.07	x	0.03	x	0.05	x	0.05	x	0.06	x										
23	0.11	x	0.06	x	0.16	x	0.08	x	0.08	x										
24	0.09	x	0.06	x	0.13	x	0.05	x	0.07	x										
25	0.12	x	0.09	x	0.09	x	0.05	x	0.07	x										
26	0.12	x	0.09	x	0.09	x	0.05	x	0.09	x										
27	0.07	x	0.09	x	0.16	x	0.07	x	0.17	x										
28	0.09	x	0.05	x	0.14	x	0.07	x	0.16	x										
29																				
30																				
31																				

SUMMARY & COMPLIANCE ACTIONS	Criteria	Filter No.										Plant
		1	2	3	4	5	6	7	8	9	10	
	Number of days with event(s) above 0.5 NTU at 4.0 hrs this month											
	Number of days with event(s) above 1.0 NTU this month	0	0	0	0	0						
	Number of days with event(s) above 1.0 NTU last month	0	0	0	0	0						
	Number of days with event(s) above 1.0 NTU two months ago	0	0	0	0	0						
	Total number of days with event(s) above 1.0 NTU in three months	0	0	0	0	0						
	Number of days with event(s) above 2.0 NTU this month											0
	Number of days with event(s) above 2.0 NTU last month											0
	Does the filter/plant have an approved Corrective Action Plan?	N	N	N	N	N						N
	Is the plant required to submit a Filter Profile Report?	N	N	N	N	N						
	Is the plant required to submit a Filter Assessment Report?	N	N	N	N	N						
	Is the plant required to submit a Request for Compliance CPE?											N

SUBMITTED BY:



Certificate No.
and Grade:

WS0011192, B

Date: March 6, 2015

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 (cont.)
Disinfection Data Page

PUBLIC WATER
SYSTEM NAME: River Place MUD

PLANT NAME
OR NUMBER: RIVER PLACE WTP

PWS ID No.: 2270252

Month: February Year: 2015

DISINFECTION PROCESS PARAMETERS									
APPROVED CT STUDY PARAMETERS						PERFORMANCE STANDARDS			
Disinfection Zones						Log Inactivations			
Parameters	D1	D2	D3	D4	D5	Giardia lamblia Cysts		Viruses	
Flow Rate (MGD)	2.290	0.916	5.760			0.5		2.0	
T ₁₀ (minutes)	40.4	8.4	111.8						

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
1	FCL D1	0.0	2.074	15.3	7.6				
	FCL D2	3.5	0.829	14.0	7.5				
	CLA D3	3.2	3.312	17.4	7.6	2.22	34.95	4.44	
	D4							(G)	
	D5								
2	FCL D1	0.0	2.074	13.5	7.6				
	FCL D2	3.8	0.829	13.0	7.5				
	CLA D3	2.5	3.312	17.4	7.6	1.92	34.96	3.83	
	D4							(G)	
	D5								
3	FCL D1	0.0	2.074	12.9	7.6				
	FCL D2	3.9	0.829	12.1	7.5				
	CLA D3	2.7	3.312	17.4	7.4	1.96	33.54	3.91	
	D4							(G)	
	D5								
4	FCL D1	0.0	2.074	13.2	7.6				
	FCL D2	3.9	0.829	12.1	7.5				
	CLA D3	2.7	3.312	15.4	7.6	1.84	33.48	3.68	
	D4							(G)	
	D5								
5	FCL D1	0.0	2.074	12.6	7.7				
	FCL D2	3.0	0.829	12.0	7.6				
	CLA D3	2.8	3.312	16.9	7.5	1.82	26.39	3.65	
	D4							(G)	
	D5								
6	FCL D1	0.0	2.074	15.1	7.7				
	FCL D2	2.8	0.829	13.7	7.6				
	CLA D3	2.8	3.312	17.2	7.6	1.89	27.62	3.78	
	D4							(G)	
	D5								
7	FCL D1	0.0	2.074	15.3	7.7				
	FCL D2	3.3	0.829	13.4	7.6				
	CLA D3	2.9	3.312	16.8	7.5	1.97	31.82	3.95	
	D4							(G)	
	D5								
8	FCL D1	0.0	2.074	18.6	7.7				
	FCL D2	3.3	0.829	15.5	7.6				
	CLA D3	2.7	3.312	18.5	7.5	2.11	36.68	4.23	
	D4							(G)	
	D5								

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
9	FCL D1	0.0	2.074	14.5	7.6				
	FCL D2	3.2	0.829	13.9	7.5				
	CLA D3	3.0	3.312	16.9	7.7	2.05	31.89	4.10	
	D4							(G)	
	D5								
10	FCL D1	0.0	2.074	16.2	7.5				
	FCL D2	3.5	0.829	15.7	7.5				
	CLA D3	3.0	3.312	17.2	7.9	2.22	38.83	4.43	
	D4							(G)	
	D5								
11	FCL D1	0.0	2.074	16.3	7.6				
	FCL D2	3.8	0.829	17.5	7.6				
	CLA D3	3.1	3.312	17.0	7.6	2.39	46.86	4.78	
	D4							(G)	
	D5								
12	FCL D1	0.0	2.074	16.2	7.5				
	FCL D2	3.7	0.829	15.4	7.4				
	CLA D3	3.2	3.312	16.4	7.6	2.32	40.52	4.65	
	D4							(G)	
	D5								
13	FCL D1	0.0	2.074	17.6	7.6				
	FCL D2	3.7	0.829	15.7	7.4				
	CLA D3	3.2	3.312	15.5	7.6	2.28	40.91	4.56	
	D4							(G)	
	D5								
14	FCL D1	0.0	2.074	17.2	7.5				
	FCL D2	3.6	0.829	16.6	7.4				
	CLA D3	3.0	3.312	18.1	7.6	2.40	42.63	4.81	
	D4							(G)	
	D5								
15	FCL D1	0.0	2.074	15.0	7.5				
	FCL D2	3.9	0.829	14.8	7.5				
	CLA D3	2.9	3.312	17.6	7.7	2.23	40.48	4.47	
	D4							(G)	
	D5								
16	FCL D1	0.0	2.074	13.4	7.7				
	FCL D2	3.9	0.829	14.1	7.5				
	CLA D3	2.6	3.312	17.0	7.6	2.00	38.28	4.00	
	D4							(G)	
	D5								

NOTE: = ONLY use the "Time=" column to show the length of time that the total inactivation ratio was less than 1.00.

SUBMITTED BY

[Signature]

Certificate No.

and Grade: WS0011192, B

Date: March 6, 2015

TCEQ - 0102C (07-19-10)

PAGE 4

SWMOR

COA Resp to PUC RFI-1108

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 (cont.)
Disinfection Data Page (cont.)

PUBLIC WATER SYSTEM NAME: River Place MUD
PWS ID No.: 2270252

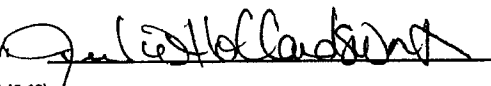
PLANT NAME OR NUMBER: RIVER PLACE WTP
Month: February Year: 2015

DISINFECTION PROCESS PARAMETERS							
APPROVED CT STUDY PARAMETERS					PERFORMANCE STANDARDS		
Parameters	Disinfection Zones					Log Inactivations	
	D1	D2	D3	D4	D5	Giardia lamblia Cysts	Virus
Flow Rate (MGD)	2.290	0.916	5.760			0.5	2.0
T ₁₀ (minutes)	40.4	8.4	111.8				

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
17	FCL D1	0.0	2.074	12.8	7.7				
	FCL D2	3.2	0.829	12.9	7.5				
	CLA D3	2.5	3.312	16.8	7.6	1.78	29.76	3.57	
	D4							(G)	
	D5								
18	FCL D1	0.0	2.074	14.9	7.7				
	FCL D2	3.0	0.829	15.7	7.6				
	CLA D3	2.5	3.312	16.7	7.5	1.85	33.12	3.70	
	D4							(G)	
	D5								
19	FCL D1	0.0	2.074	16.7	7.8				
	FCL D2	3.1	0.829	15.7	7.6				
	CLA D3	2.5	3.312	16.7	7.6	1.86	33.93	3.72	
	D4							(G)	
	D5								
20	FCL D1	0.0	2.074	17.2	7.8				
	FCL D2	3.4	0.829	15.7	7.6				
	CLA D3	3.0	3.312	17.4	7.5	2.19	38.06	4.39	
	D4							(G)	
	D5								
21	FCL D1	0.0	2.074	18.1	7.5				
	FCL D2	3.3	0.829	16.5	7.4				
	CLA D3	2.9	3.312	19.2	7.5	2.41	39.49	4.81	
	D4							(G)	
	D5								
22	FCL D1	0.0	2.074	16.3	7.7				
	FCL D2	3.8	0.829	15.1	7.6				
	CLA D3	2.7	3.312	20.1	7.5	2.29	40.24	4.58	
	D4							(G)	
	D5								
23	FCL D1	0.0	2.074	12.6	7.7				
	FCL D2	3.4	0.829	12.3	7.6				
	CLA D3	3.2	3.312	15.1	7.7	1.95	30.29	3.89	
	D4							(G)	
	D5								
24	FCL D1	0.0	2.074	12.9	7.7				
	FCL D2	3.3	0.829	12.3	7.5				
	CLA D3	3.2	3.312	14.4	7.6	1.92	29.67	3.83	
	D4							(G)	
	D5								

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
25	FCL D1	0.0	2.074	16.4	7.7				
	FCL D2	3.3	0.829	15.3	7.6				
	CLA D3	3.2	3.312	15.7	7.7	2.11	35.55	4.22	
	D4							(G)	
	D5								
26	FCL D1	0.0	2.074	14.4	7.6				
	FCL D2	2.9	0.829	13.4	7.6				
	CLA D3	3.4	3.312	14.4	7.7	1.95	27.98	3.90	
	D4							(G)	
	D5								
27	FCL D1	0.0	2.074	12.0	7.5				
	FCL D2	3.1	0.829	12.1	7.5				
	CLA D3	3.2	3.312	13.8	7.7	1.84	27.12	3.68	
	D4							(G)	
	D5								
28	FCL D1	0.0	2.074	11.8	7.7				
	FCL D2	3.0	0.829	10.3	7.6				
	CLA D3	3.2	3.312	13.8	7.7	1.73	23.69	3.47	
	D4							(G)	
	D5								
29	D1								
	D2								
	D3								
	D4								
	D5								
30	D1								
	D2								
	D3								
	D4								
	D5								
31	D1								
	D2								
	D3								
	D4								
	D5								
						Max	2.41	46.86	
						Min	1.73	23.69	
						Avg	2.05	34.60	
						SD	0.20	5.51	

NOTE: = ONLY use the "Time=" column to show the length of time that the total inactivation ratio was less than 1.00.

SUBMITTED BY: 
TCEQ - 0102C (07-19-10)

Certificate No. and Grade: WS0011192, B

Date: March 6, 2015

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

PUBLIC WATER
SYSTEM NAME: River Place MUD

PWS ID No.: 2270252

Type of treatment: ☒ Conventional

PLANT NAME
OR NUMBER: RIVER PLACE WTP

Month: February

Year: 2015

Unconventional
explain:

Note: Systems are required to run one TOC Sample Set every month. Additional space is provided for those systems that do additional sampling

Test No.	Test Date	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required Removal %	Step 1 Removal Ratio	Optional data		COMPLIANCE REMOVAL RATIO
		Raw Alkalinity	Raw TOC	Treated TOC				Step 2 Required % Removal	Step 2 Removal Ratio	
		Enter the Sample Set results			calculated	calculated from matrix	calculated			calculated
1	2/3	175	3.38	2.69	20.4	15	1.36			1.36
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Avg		175.00	3.38	2.69	20.41		1.36			1.36
Max		175.00	3.38	2.69	20.41		1.36			1.36
Min		175.00	3.38	2.69	20.41		1.36			1.36

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summary					Monthly Compliance Ratio
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	
175	3.38	2.69	20.4	NA	1.36

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

Operator Signature: _____

Certificate No. and Grade: WS0011192, B

Date: March 6, 2015

Submit the report by the 10th of the month following the reporting period to:
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)
P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

TOC ALTERNATIVE COMPLIANCE CRITERIA REPORT
FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

PUBLIC WATER
SYSTEM NAME: River Place MUD
PWS ID No.: 2270252

PLANT NAME
OR NUMBER: RIVER PLACE WTP
Month: February Year: 2015

This Alternative Compliance Criteria (ACC) Report is being submitted to request the following ACC: (check one)
(Before you can begin entering data, you must put an "X" in the box that shows the number of the Alternative Compliance Criteria you are applying for.)

#1 ☐ #2 ☐ #3 ☐ #4 ☐ #5 ☐ #6 ☒ #7 ☐ #8 ☐

ACC
#1

ACC #
2

ACC #
3

ACC #
4

ACC #
5

ACC #
6

Treated water SUVA less than or equal to 2.0 L/mg-m?
(either based on most recent month's data OR calculated quarterly as a running annual average)
(Treated water SUVA is the dissolved organic carbon concentration divided by the ultraviolet light absorption at 254 nanometers in the finished water before any disinfection of any kind, or measured using a finished water SUVA jar test. (See the Instructions worksheet for more info.) Measure monthly)

Treated water
SUVA measured:

☒ In Plant
☐ By Finished Water SUVA Jar Test

Current
Month SUVA
1.45

ACC
#7

ACC #
8

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

Operator's Signature: [Signature]

Certificate No. and Grade: WS0011192, B

Date: March 6, 2015

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: River Place Water System

PLANT NAME

OR NUMBER: RIVER PLACE WTP

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.: 2270252

Operator's Signature: _____

Report for
the Month of: January 2015

Certificate No. & Grade: WO0011192, B

Date: February 5, 2015

TREATMENT PLANT PERFORMANCE

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

Statistical Summary	Maximum turbidity reading:	0.10 NTU	Average turbidity value:	0.08 NTU
	Minimum turbidity reading:	0.07 NTU	Standard deviation:	0.006 NTU
	CFE 95 th percentile value:	0.10 NTU	IFE 95 th percentile:	0.141 NTU

Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	1.87
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Average log inactivation for viruses:	24.84
		Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0

Minimum disinfectant residual required leaving the plant:	0.5 mg/L, measured as Total Chlorine
Number of days with a low residual for no more than 4.0 consecutive hours:	0
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)
Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system:	0.5 mg/L, measured as Total Chlorine		
Total number of readings this month:	37	(at least 31 required) (8)	
Average disinfectant residual value:	1.39	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)
Number of readings with no detectable residual:	0		

ADDITIONAL REPORTS & WORKSHEETS

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

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

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

No additional IFE Reports are required this month.

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

SURFACE WATER MONTHLY OPERATING REPORT

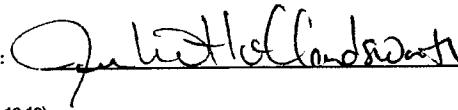
FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES
OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER (cont.)

Turbidity Data Page

PUBLIC WATER SYSTEM NAME: <u>River Place Water System</u> PWS ID No.: <u>2270252</u> Month: <u>January</u> Year: <u>2015</u>	PLANT NAME OR NUMBER: <u>RIVER PLACE WTP</u> Connections: <u>1,013</u> Population: <u>3,039</u>
--	--

PERFORMANCE DATA																		
Date	Raw Water Pumpage (MGD)	Treated Water Pumpage (MGD)	RAW WATER ANALYSES		SETTLED WATER TURBIDITY (Mandatory Data)						FINISHED WATER QUALITY							
			NTU	Alk.	Basin No.						Turbidity						Lowest Residual	Time
					1	2	3	4	5	6	NTU1	NTU2	NTU3	NTU4	NTU5	NTU6		
1	0.353	0.365	4	171	2.0	1.1					0.08	0.08	0.08	0.08	0.08	0.08	2.9	
2	0.431	0.403	4	174	1.9	0.9					0.08	0.08	0.08	0.08	0.08	0.08	2.8	
3	0.314	0.329	5	168	1.9	1.0					0.08	0.09	0.09	0.09	0.09	0.09	2.2	
4	0.469	0.493	4	170	1.9	1.0					0.09	0.09	0.09	0.09	0.09	0.09	2.9	
5	0.371	0.358	2	167	1.6	0.3					0.09	0.09	0.09	0.09	0.09	0.09	2.9	
6	0.502	0.530	4	170	1.2	1.0					0.09	0.09	0.09	0.09	0.09	0.09	2.7	
7	0.479	0.418	4	168	1.4	1.2					0.09	0.09	0.09	0.10	0.09	0.09	3.1	
8	0.586	0.558	4	163	1.6	0.5					0.09	0.10	0.09	0.09	0.09	0.09	3.1	
9	0.342	0.353	3	164	1.6	1.2					0.09	0.09	0.08	0.09	0.10	0.10	3.4	
10	0.354	0.366	3	172	1.3	1.2					0.10	0.10	0.10	0.10	0.10	0.10	3.2	
11	0.384	0.372	3	167	0.7	0.5					0.10	0.10	0.10	0.10	0.09	0.09	3.2	
12	0.367	0.369	3	167	1.0	0.5					0.09	0.09	0.09	0.09	0.09	0.09	2.1	
13	0.501	0.502	3	168	1.2	0.9					0.09	0.09	0.09	0.09	0.09	0.08	3.0	
14	0.553	0.511	3	167	1.0	0.7					0.08	0.08	0.08	0.08	0.08	0.08	3.1	
15	0.332	0.346	4	170	1.0	0.9					0.08	0.08	0.08	0.08	0.08	0.08	2.0	
16	0.350	0.361	3	170	0.7	0.4					0.08	0.08	0.08	0.08	0.08	0.08	3.2	
17	0.336	0.348	3	170	0.7	0.4					0.08	0.08	0.08	0.08	0.08	0.08	2.1	
18	0.395	0.377	3	167	0.8	0.4					0.08	0.08	0.08	0.08	0.08	0.08	3.1	
19	0.329	0.342	4	171	0.8	0.4					0.08	0.08	0.08	0.08	0.08	0.08	3.1	
20	0.498	0.509	2	173	0.7	0.9					0.08	0.08	0.08	0.08	0.08	0.08	2.8	
21	0.394	0.385	3	174	0.6	0.2					0.08	0.08	0.08	0.08	0.08	0.08	3.1	
22	0.348	0.479	2	171	0.9	0.8					0.08	0.08	0.08	0.08	0.08	0.08	3.1	
23	0.319	0.235	3	175	0.7	0.7					0.07	0.08	0.07	0.07	0.08	0.07	3.0	
24	0.340	0.350	3	166	0.6	0.2					0.07	0.07	0.07	0.08	0.08	0.08	3.0	
25	0.395	0.356	4	170	0.4	0.1					0.08	0.08	0.08	0.08	0.08	0.08	2.0	
26	0.231	0.242	5	173	0.6	0.3					0.08	0.08	0.08	0.08	0.08	0.08	3.1	
27	0.430	0.437	2	178	0.5	0.5					0.08	0.08	0.08	0.08	0.08	0.08	3.1	
28	0.527	0.473	4	172	0.5	0.2					0.08	0.08	0.08	0.08	0.08	0.08	2.2	
29	0.392	0.370	4	175	0.7	0.4					0.08	0.08	0.08	0.08	0.08	0.08	3.0	
30	0.336	0.347	6	175	1.0	0.6					0.08	0.08	0.08	0.08	0.08	0.08	2.0	
31	0.192	0.103	4	176	0.8	0.4					0.08	0.08	0.08	0.08	0.08	0.08	2.8	
Total	12.150	11.987																
Avg	0.392	0.387																
Max	0.586	0.558																
Min	0.192	0.103																

NOTE: ONLY use the "Time" column to show the length of time that the disinfectant residual entering the distribution system fell below the acceptable level.

SUBMITTED BY:  Certificate No. WO0011192, B and Grade: Date: February 5, 2015

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 (cont.)

Filter Data Page

PUBLIC WATER
SYSTEM NAME: River Place Water System

PLANT NAME
OR NUMBER: RIVER PLACE WTP

PWS ID No.: 2270252

Month: January Year: 2015

PERFORMANCE DATA																				
INDIVIDUAL FILTER TURBIDITY																				
Date	Filter No. 1		Filter No. 2		Filter No. 3		Filter No. 4		Filter No. 5		Filter No. 6		Filter No. 7		Filter No. 8		Filter No. 9		Filter No. 10	
	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs
1	0.13	x	0.10	x	0.14	x	0.06	x	0.11	x										
2	0.14	x	0.11	x	0.12	x	0.06	x	0.11	x										
3	0.19	x	0.08	x	0.10	x	0.06	x	0.12	x										
4	0.09	x	0.08	x	0.09	x	0.06	x	0.05	x										
5	0.08	x	0.05	x	0.08	x	0.07	x	0.08	x										
6	0.14	x	0.06	x	0.10	x	0.06	x	0.06	x										
7	0.09	x	0.08	x	0.28	x	0.26	x	0.06	x										
8	0.08	x	0.08	x	0.26	x	0.16	x	0.28	x										
9	0.06	x	0.05	x	0.07	x	0.09	x	0.10	x										
10	0.06	x	0.05	x	0.08	x	0.13	x	0.11	x										
11	0.07	x	0.05	x	0.07	x	0.10	x	0.08	x										
12	0.06	x	0.04	x	0.06	x	0.05	x	0.04	x										
13	0.06	x	0.04	x	0.08	x	0.05	x	0.09	x										
14	0.07	x	0.07	x	0.09	x	0.05	x	0.11	x										
15	0.07	x	0.06	x	0.06	x	0.05	x	0.06	x										
16	0.05	x	0.05	x	0.05	x	0.05	x	0.04	x										
17	0.14	x	0.06	x	0.05	x	0.05	x	0.04	x										
18	0.07	x	0.06	x	0.05	x	0.04	x	0.05	x										
19	0.07	x	0.05	x	0.05	x	0.05	x	0.04	x										
20	0.09	x	0.06	x	0.05	x	0.06	x	0.04	x										
21	0.06	x	0.07	x	0.05	x	0.04	x	0.04	x										
22	0.06	x	0.07	x	0.06	x	0.06	x	0.08	x										
23	0.06	x	0.07	x	0.06	x	0.08	x	0.10	x										
24	0.06	x	0.07	x	0.07	x	0.04	x	0.05	x										
25	0.07	x	0.06	x	0.06	x	0.04	x	0.07	x										
26	0.06	x	0.03	x	0.06	x	0.04	x	0.06	x										
27	0.06	x	0.05	x	0.06	x	0.05	x	0.05	x										
28	0.07	x	0.03	x	0.07	x	0.04	x	0.05	x										
29	0.06	x	0.04	x	0.06	x	0.07	x	0.05	x										
30	0.06	x	0.04	x	0.06	x	0.06	x	0.05	x										
31	0.06	x	0.04	x	0.06	x	0.14	x	0.10	x										

SUMMARY & COMPLIANCE ACTIONS	Criteria	Filter No.										Plant	
		1	2	3	4	5	6	7	8	9	10		
	Number of days with event(s) above 0.5 NTU at 4.0 hrs this month												
	Number of days with event(s) above 1.0 NTU this month	0	0	0	0	0							
	Number of days with event(s) above 1.0 NTU last month	0	0	0	0	0							
	Number of days with event(s) above 1.0 NTU two months ago	0	0	0	0	0							
	Total number of days with event(s) above 1.0 NTU in three months	0	0	0	0	0							
	Number of days with event(s) above 2.0 NTU this month											0	
	Number of days with event(s) above 2.0 NTU last month											0	
	Does the filter/plant have an approved Corrective Action Plan?	N	N	N	N	N							N
	Is the plant required to submit a Filter Profile Report?	N	N	N	N	N							
	Is the plant required to submit a Filter Assessment Report?	N	N	N	N	N							
	Is the plant required to submit a Request for Compliance CPE?											N	

SUBMITTED BY:

Certificate No.
and Grade:

WO001192, B

Date: February 5, 2015

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 (cont.)
Disinfection Data Page

PUBLIC WATER
SYSTEM NAME: River Place Water System
PWS ID No.: 2270252

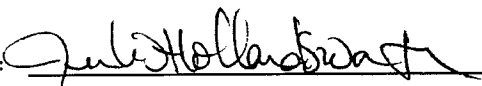
PLANT NAME
OR NUMBER: RIVER PLACE WTP
Month: January Year: 2015

DISINFECTION PROCESS PARAMETERS									
APPROVED CT STUDY PARAMETERS						PERFORMANCE STANDARDS			
Parameters	Disinfection Zones					Log Inactivations			
	D1	D2	D3	D4	D5	Giardia lamblia Cysts	Viruses		
Flow Rate (MGD)	2.290	0.916	5.760			0.5	2.0		
T ₁₀ (minutes)	40.4	8.4	111.8						

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
1	FCL D1	0.0	2.074	12.4	7.6				
	FCL D2	1.9	0.829	11.8	7.6				
	CLA D3	3.1	3.312	14.5	7.6	1.62	17.49	3.25	
	D4							(G)	
	D5								
2	FCL D1	0.0	2.074	12.5	7.7				
	FCL D2	2.1	0.829	11.9	7.6				
	CLA D3	2.9	3.312	15.3	7.7	1.63	19.13	3.26	
	D4							(G)	
	D5								
3	FCL D1	0.0	2.074	11.6	7.7				
	FCL D2	1.9	0.829	11.6	7.7				
	CLA D3	3.0	3.312	14.5	7.7	1.58	17.51	3.15	
	D4							(G)	
	D5								
4	FCL D1	0.0	2.074	12.0	7.7				
	FCL D2	2.1	0.829	11.9	7.6				
	CLA D3	2.9	3.312	15.0	7.7	1.62	19.39	3.24	
	D4							(G)	
	D5								
5	FCL D1	0.0	2.074	12.2	7.7				
	FCL D2	2.3	0.829	12.4	7.7				
	CLA D3	2.9	3.312	15.1	7.6	1.66	21.29	3.31	
	D4							(G)	
	D5								
6	FCL D1	0.0	2.074	17.3	7.7				
	FCL D2	2.5	0.829	14.1	7.7				
	CLA D3	2.8	3.312	17.6	7.6	1.87	25.84	3.73	
	D4							(G)	
	D5								
7	FCL D1	0.0	2.074	14.3	8.0				
	FCL D2	2.5	0.829	12.7	7.6				
	CLA D3	2.3	3.312	14.3	7.5	1.45	22.84	2.89	
	D4							(G)	
	D5								
8	FCL D1	0.0	2.074	12.2	8.1				
	FCL D2	2.3	0.829	10.8	7.7				
	CLA D3	3.4	3.312	15.9	7.6	1.86	19.97	3.72	
	D4							(G)	
	D5								

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
9	FCL D1	0.0	2.074	11.3	7.8				
	FCL D2	2.8	0.829	11.3	7.9				
	CLA D3	3.4	3.312	15.9	7.6	1.91	24.46	3.82	
	D4							(G)	
	D5								
10	FCL D1	0.0	2.074	11.3	7.7				
	FCL D2	2.7	0.829	10.4	7.6				
	CLA D3	3.2	3.312	16.5	7.6	1.88	22.56	3.77	
	D4							(G)	
	D5								
11	FCL D1	0.0	2.074	11.9	7.7				
	FCL D2	2.6	0.829	10.8	7.6				
	CLA D3	3.3	3.312	16.5	7.6	1.92	22.33	3.84	
	D4							(G)	
	D5								
12	FCL D1	0.0	2.074	11.8	7.6				
	FCL D2	2.9	0.829	11.7	7.6				
	CLA D3	3.2	3.312	14.5	7.7	1.81	25.20	3.63	
	D4							(G)	
	D5								
13	FCL D1	0.0	2.074	11.1	7.7				
	FCL D2	2.8	0.829	10.1	7.7				
	CLA D3	3.2	3.312	13.8	7.7	1.69	22.16	3.39	
	D4							(G)	
	D5								
14	FCL D1	0.0	2.074	11.5	7.7				
	FCL D2	2.7	0.829	9.7	7.6				
	CLA D3	3.5	3.312	14.1	7.7	1.82	21.40	3.63	
	D4							(G)	
	D5								
15	FCL D1	0.0	2.074	9.9	7.7				
	FCL D2	2.7	0.829	10.8	7.6				
	CLA D3	3.4	3.312	14.5	7.7	1.84	22.28	3.67	
	D4							(G)	
	D5								
16	FCL D1	0.0	2.074	13.4	7.7				
	FCL D2	2.7	0.829	12.5	7.6				
	CLA D3	3.4	3.312	14.3	7.6	1.89	24.98	3.77	
	D4							(G)	
	D5								

NOTE: = ONLY use the "Time" column to show the length of time that the total inactivation ratio was less than 1.00.

SUBMITTED BY: 
TCEQ - 0102C (07-19-10)

Certificate No.
and Grade: WO0011192, B

Date: February 5, 2015

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 (cont.)
Disinfection Data Page (cont.)

PUBLIC WATER SYSTEM NAME: River Place Water System
PWS ID No.: 2270252

PLANT NAME OR NUMBER: RIVER PLACE WTP
Month: January Year: 2015

DISINFECTION PROCESS PARAMETERS									
APPROVED CT STUDY PARAMETERS						PERFORMANCE STANDARDS			
Parameters	Disinfection Zones					Log Inactivations			
	D1	D2	D3	D4	D5	Giardia lamblia Cysts		Virus	
Flow Rate (MGD)	2.290	0.916	5.760			0.5		2.0	
T ₁₀ (minutes)	40.4	8.4	111.8						

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
17	FCL D1	0.0	2.074	13.4	7.7				
	FCL D2	2.7	0.829	12.0	7.7				
	CLA D3	3.1	3.312	15.2	7.7	1.79	24.30	3.59	
	D4							(G)	
	D5								
18	FCL D1	0.0	2.074	13.1	7.7				
	FCL D2	2.7	0.829	12.3	7.7				
	CLA D3	3.3	3.312	15.3	7.7	1.88	24.47	3.75	
	D4							(G)	
	D5								
19	FCL D1	0.0	2.074	12.9	7.7				
	FCL D2	2.9	0.829	11.5	7.6				
	CLA D3	3.2	3.312	14.3	7.7	1.78	24.55	3.57	
	D4							(G)	
	D5								
20	FCL D1	0.0	2.074	14.0	7.7				
	FCL D2	3.3	0.829	12.5	7.6				
	CLA D3	3.4	3.312	15.3	7.6	2.05	30.25	4.10	
	D4							(G)	
	D5								
21	FCL D1	0.0	2.074	13.8	7.7				
	FCL D2	2.5	0.829	13.3	7.8				
	CLA D3	3.7	3.312	16.4	7.6	2.11	25.10	4.23	
	D4							(G)	
	D5								
22	FCL D1	0.0	2.074	11.6	7.7				
	FCL D2	3.3	0.829	11.5	7.6				
	CLA D3	3.2	3.312	19.7	7.5	2.25	28.85	4.50	
	D4							(G)	
	D5								
23	FCL D1	0.0	2.074	9.8	7.8				
	FCL D2	2.8	0.829	10.3	7.6				
	CLA D3	3.1	3.312	15.1	7.6	1.74	22.59	3.49	
	D4							(G)	
	D5								
24	FCL D1	0.0	2.074	13.3	7.7				
	FCL D2	3.0	0.829	10.9	7.6				
	CLA D3	3.0	3.312	17.3	7.6	1.90	25.11	3.79	
	D4							(G)	
	D5								

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
25	FCL D1	0.0	2.074	16.7	7.7				
	FCL D2	2.8	0.829	13.4	7.5				
	CLA D3	3.0	3.312	16.8	7.6	1.97	27.76	3.93	
	D4							(G)	
	D5								
26	FCL D1	0.0	2.074	13.8	7.7				
	FCL D2	3.3	0.829	12.8	7.6				
	CLA D3	3.1	3.312	15.4	7.7	1.92	30.39	3.85	
	D4							(G)	
	D5								
27	FCL D1	0.0	2.074	14.6	7.7				
	FCL D2	2.9	0.829	13.5	7.6				
	CLA D3	3.3	3.312	14.4	7.7	1.93	28.24	3.85	
	D4							(G)	
	D5								
28	FCL D1	0.0	2.074	15.4	7.7				
	FCL D2	2.8	0.829	14.9	7.5				
	CLA D3	3.4	3.312	16.8	7.6	2.19	30.10	4.38	
	D4							(G)	
	D5								
29	FCL D1	0.0	2.074	15.3	7.6				
	FCL D2	3.2	0.829	14.5	7.5				
	CLA D3	3.3	3.312	17.5	7.6	2.27	33.75	4.54	
	D4							(G)	
	D5								
30	FCL D1	0.0	2.074	14.5	7.5				
	FCL D2	3.6	0.829	13.3	7.5				
	CLA D3	3.2	3.312	17.0	7.7	2.18	34.05	4.35	
	D4							(G)	
	D5								
31	FCL D1	0.0	2.074	13.1	7.6				
	FCL D2	3.5	0.829	12.5	7.6				
	CLA D3	3.0	3.312	15.4	7.7	1.92	31.69	3.84	
	D4							(G)	
	D5								
						Max	2.27	34.05	
						Min	1.45	17.49	
						Avg	1.87	24.84	
						SD	0.19	4.36	

NOTE: = ONLY use the "Time=" column to show the length of time that the total inactivation ratio was less than 1.00.

SUBMITTED BY: [Signature] Certificate No. and Grade: WO0011192, B Date: February 5, 2015
TCEQ - 0102C (07-19-10) PAGE 5 SWMOR
COA Resp to PUC RFI-1116

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

PUBLIC WATER SYSTEM NAME: River Place Water System
 PWS ID No.: 2270252

PLANT NAME OR NUMBER: RIVER PLACE WTP
 Month: January Year: 2015

Type of treatment: ☒ Conventional ☐ Unconventional explain: _____

Note: Systems are required to run one TOC Sample Set every month. Additional space is provided for those systems that do additional sampling

Test No.	Test Date	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required Removal %	Step 1 Removal Ratio	Optional data		COMPLIANCE REMOVAL RATIO
		Raw Alkalinity	Raw TOC	Treated TOC				Step 2 Required % Removal	Step 2 Removal Ratio	
		Enter the Sample Set results			calculated	calculated from matrix	calculated			calculated
1	1/15	167	3.76	3.03	19.4	15	1.29			1.29
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Avg		167.00	3.76	3.03	19.41		1.29			1.29
Max		167.00	3.76	3.03	19.41		1.29			1.29
Min		167.00	3.76	3.03	19.41		1.29			1.29

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summary					Monthly Compliance Ratio
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	
167	3.76	3.03	19.4	NA	1.29

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

Operator's Signature: [Signature]

Certificate No. and Grade: W00011192, B

Date: February 5, 2015

Submit the report by the 10th of the month following the reporting period to:
 TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
 WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)
 P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

TOC ALTERNATIVE COMPLIANCE CRITERIA REPORT
FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

PUBLIC WATER SYSTEM NAME: River Place Water System
PWS ID No.: 2270252

PLANT NAME OR NUMBER: RIVER PLACE WTP
Month: January Year: 2015

This Alternative Compliance Criteria (ACC) Report is being submitted to request the following ACC: (check one)
(Before you can begin entering data, you must put an "X" in the box that shows the number of the Alternative Compliance Criteria you are applying for.)

#1 ☐ #2 ☐ #3 ☐ #4 ☐ #5 ☐ #6 ☒ #7 ☐ #8 ☐

ACC #1

ACC #2

ACC #3

ACC #4

ACC #5

ACC #6

Treated water SUVA less than or equal to 2.0 L/mg-m?
(either based on most recent month's data OR calculated quarterly as a running annual average)
(Treated water SUVA is the dissolved organic carbon concentration divided by the ultraviolet light absorption at 254 nanometers in the finished water before any disinfection of any kind, or measured using a finished water SUVA jar test. (See the Instructions worksheet for more info.) Measure monthly)

Treated water SUVA measured: ☒ In Plant ☐ By Finished Water SUVA Jar Test

Current Month SUVA
1.35

ACC #7

ACC #8

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

Operator's Signature: [Signature]

Certificate No. and Grade: WO0011192, B

Date: February 5, 2015

Response to Staff

1-19

Needs	Cost
WTP	
CL2 Storage Floor	1,200
Replace CPVC Lines From CL2 Cylinders	500
Install New CL2 Injection Points	800
Lay Containment Area, Liquid Bleach Storage	300,000
Replace Turbidimeter Feed Lines @ Filters	500
Replace Turbidimeters	30,000
Extensive Filter Work (Probe, Replace)	18,000
Install Raw Water Tank Bypass	200,000
Install New LAS Injection Points	500
Remote Monitoring, Operation	1,500
(2) Scott SCBA Units	8,000
Low Service	
MCC AC	1,000
Flow Meter	350
GST	
Repair Hole In Wall	400
Annually	
Supplies/Materials	1,650
Maintenance/Repairs	122,000
Chemicals/Lab	50,300
Electric	222,720
Phone	500
Labor	72,000
Sludge Hauling	36,000
	1,067,920

Status

Complete

Complete

Unknown

Unknown

Winter 14-15

Fall 15

Winter 15-16

Winter 15-16

Unknown

Winter/Spring 15

Safety - Spring 15

Spring 15

Spring 15

Winter/Spring 15

Response to

Staff

1-28

TEXAS WATER DEVELOPMENT BOARD
P.O. BOX 13231, CAPITOL STATION
AUSTIN, TX 78711-3231

2013 Water Audit Report

A. Water Utility General Information

1. Water Utility Name: City of Austin Water & Wastewater

2. Contact:

2a. Name Dan Strub

2b. Telephone # 512-972-0349

2c. Email Address dan.strub@austintexas.gov

3. Reporting Period: From 10/1/2012 To 9/30/2013

4. Source Water Utilization, percentage: Surface Water 100 % Ground Water 0 %

5. Population Served:

5a. Retail Population Served	<u>874,406</u>	Assessment Scale
5b. Wholesale Population Served	<u>53,620</u>	
6. Utility's Length of Main Lines, miles	<u>3,707.00</u>	<u>5</u>
7. Number of Wholesale Connections Served	<u>56</u>	
8. Number of Retail Service Connections Served	<u>215,904</u>	
9. Service Connection Density (Number of retail service connections / miles of main lines)	<u>58.24</u>	
10. Average Yearly System Operating Pressure (psi)	<u>77.3</u>	<u>5</u>
11. Volume Units of Measure:	<u>Gallons</u>	

B. System Input Volume

	<u>45,927,345,000</u> gallons	
12. Produced Water		<u>4</u>
13. Production Meter Accuracy (enter percentage)	<u>98.00</u> %	
		<u>4</u>
	<u>46,864,637,755</u> gallons	
14. Corrected Input Volume		
	<u>88,098,000</u> gallons	
15. Water Imported		<u>4</u>
	<u>0</u> gallons	
16. Water Exported		<u>5</u>