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

COPY

PUBLIC WATER SYSTEM NAME: Webb County Water Utility

PLANT NAME OR NUMBER: Rio Bravo Revised

PWS ID No.: 2400022

Plant ID No.: 20831

Report for the Month of: March 2015

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

Operator's Signature:

Certificate No. & Grade: WS0009456, C

Date: April 15, 2015

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	133	Number of 4-hour periods when plant was off-line:	53
Number of readings above 0.10 NTU:	43	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0		
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	31
Number of readings above 1.0 NTU:	0		
Maximum allowable turbidity level:	0.3	Number of days with readings above 1.0 NTU:	0 (2)
Percentage of readings above this limit:	0.0 % (1)	Number of days with readings above 5.0 NTU:	0 (3)

Statistical Summary

Maximum turbidity reading:	0.18 NTU	Average turbidity value:	0.09 NTU
Minimum turbidity reading:	0.04 NTU	Standard deviation:	0.028 NTU
CFE 95th percentile value:	0.14 NTU	IFE 95th percentile:	NA NTU

Bin Class: 2 Crypto Credit Required: 4.0 (7A) Crypto Credit Achieved: 0.0 (7B) Bin 3&4 Credits: 0.0 (7C)

Watershed Protection:	0.0	Conventional Treatment:	3.0	Second Stage Filtration:	0.0
Bank Filtration:	0.0	Enhanced Filter Performance:	0.5	UV:	0.0
Presedimentation with Coagulation:	0.0	Bag and Cartridge Filtration:	0.0	Ozone, Chlorine Dioxide:	0.0
Two-Stage Lime Softening:	0.0	Membrane Filtration:	0.0	Perform. Demonstration:	0.0

Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	0.97
		Average log inactivation for viruses:	17.97
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0

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

Number of days with a low residual for no more than 4.0 consecutive hours:	0		
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:	31

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system: 0.5 mg/L, measured as Total Chlorine

Total number of readings this month:	32 (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		
Number of readings with no detectable residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is required because there was at least one treatment technique or monitoring/reporting violation reported.

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

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

No additional IFE Reports are required this month.

P.2-Turbidity Data P.3-Filter Data P.4&5-Disinfection Data P.6-TOCMOR

Alternate Technol.

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: Webb County Water Utility

PLANT NAME OR NUMBER: Rio Bravo Revised

PWS ID No.: 2400022 Plant ID No.: 20831 Connections: 1,900

Month: March Year: 2015 Population: 6,650

PERFORMANCE DATA

Date	Raw Water Pumpage (MGD)	Treated Water Pumpage (MGD)	RAW WATER ANALYSES NTU	RAW WATER ANALYSES Alk.	SETTLED WATER TURBIDITY (Optional Data) Basin No. 1	2	3	4	5	6	FINISHED WATER QUALITY Combined Filter Effluent Turbidity NTU1	NTU2	NTU3	NTU4	NTU5	NTU6	Lowest Residual	Time*
1	1.209	0.748	11	140	0.6	0.8					0.11	0.10	X	X	0.09	0.09	MD	
2	1.242	0.707	10	140	0.5	0.9					0.09	X	X	0.09	0.10	0.15	MD	
3	1.257	0.640	9	140	0.4	0.5					X	X	X	0.13	0.14	0.13	MD	
4	1.271	0.750	9	140	0.5	0.5					X	X	X	0.14	0.14	0.10	MD	
5	1.265	0.721	12	140	0.3	0.5					X	X	X	0.10	0.09	0.10	MD	
6	1.242	0.663	8	140	0.3	0.4					X	X	X	0.11	0.12	0.12	MD	
7	1.287	0.735	10	140	0.5	0.4					X	X	X	0.13	0.12	0.11	MD	
8	1.285	0.612	12	140	0.5	0.4					X	X	X	0.13	0.11	0.10	MD	
9	1.209	0.656	10	160	0.7	0.8					X	X	X	0.13	0.09	0.08	MD	
10	1.219	0.735	14	140	0.6	0.9					0.07	X	X	0.08	0.04	0.04	MD	
11	1.239	1.208	15	140	0.5	0.9					0.05	X	X	0.06	0.06	0.06	MD	
12	1.238	0.734	16	140	0.7	0.4					0.05	0.06	X	0.09	0.07	0.07	MD	
13	1.219	0.737	10	160	1.0	0.6					0.04	X	X	0.08	0.06	0.05	MD	
14	1.215	0.675	13	160	0.9	0.8					0.07	X	X	0.07	0.09	0.08	MD	
15	1.368	0.734	13	160	0.7	0.9					0.09	X	X	0.08	0.08	0.07	MD	
16	1.211	0.750	12	160	0.6	0.8					0.09	0.07	0.11	0.11	0.10	0.06	MD	
17	1.307	0.732	10	160	0.4	0.7					0.09	0.05	0.13	0.11	0.12	0.11	MD	
18	1.281	0.701	13	160	0.3	0.7					0.11	X	X	0.15	0.13	0.18	MD	
19	1.262	0.760	11	160	0.3	0.7					0.09	X	X	0.13	0.10	0.11	MD	
20	1.268	0.738	13	160	0.3	0.8					0.08	X	X	0.10	0.13	0.11	MD	
21	1.268	0.750	11	160	0.3	0.6					0.09	X	X	0.11	0.10	0.10	MD	
22	1.254	0.750	15	160	0.3	0.7					0.10	X	0.10	0.11	0.13	0.10	MD	
23	1.267	0.750	16	160	0.4	0.8					0.10	X	X	0.10	0.09	0.09	MD	
24	1.180	0.737	14	160	0.5	0.7					0.10	0.10	0.11	0.08	0.07	0.05	MD	
25	1.137	0.648	8	140	0.7	0.4					0.06	0.06	X	0.07	0.05	0.05	MD	
26	1.260	0.748	9	160	0.5	0.6					0.05	0.06	0.07	X	X	0.07	MD	
27	1.267	0.756	7	160	0.5	0.7					0.08	0.08	0.08	X	0.06	0.07	MD	
28	1.834	0.806	11	140	1.0	0.7					0.09	0.06	X	0.09	0.10	0.10	MD	
29	1.867	1.293	8	140	0.6	0.4					0.06	0.09	0.08	0.06	0.08	0.08	MD	
30	1.785	1.283	8	120	0.8	0.5					0.08	0.08	0.16	0.12	0.13	0.12	MD	
31	1.746	0.761	8	120	0.9	0.3					0.13	X	0.14	0.11	0.14	0.16	MD	
Total	40.959	24.018																
Avg	1.321	0.775																
Max	1.867	1.293																
Min	1.137	0.612																

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: Tomas Sanchez Jr. Certificate No. and Grade: WS0009456, C Date: April 15, 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: Webb County Water Utility

PLANT NAME OR NUMBER: Rio Bravo Revised

PWS ID No.: 2400022 Plant ID No.: 20831

Month: March 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	MD		MD		MD		MD													
2	MD		MD		MD		MD													
3	MD		MD		MD		MD													
4	MD		MD		MD		MD													
5	MD		MD		MD		MD													
6	MD		MD		MD		MD													
7	MD		MD		MD		MD													
8	MD		MD		MD		MD													
9	MD		MD		MD		MD													
10	MD		MD		MD		MD													
11	MD		MD		MD		MD													
12	MD		MD		MD		MD													
13	MD		MD		MD		MD													
14	MD		MD		MD		MD													
15	MD		MD		MD		MD													
16	MD		MD		MD		MD													
17	MD		MD		MD		MD													
18	MD		MD		MD		MD													
19	MD		MD		MD		MD													
20	MD		MD		MD		MD													
21	MD		MD		MD		MD													
22	MD		MD		MD		MD													
23	MD		MD		MD		MD													
24	MD		MD		MD		MD													
25	MD		MD		MD		MD													
26	MD		MD		MD		MD													
27	MD		MD		MD		MD													
28	MD		MD		MD		MD													
29	MD		MD		MD		MD													
30	MD		MD		MD		MD													
31	MD		MD		MD		MD													

SUMMARY & COMPLIANCE ACTIONS

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

SUBMITTED BY: Tomas Sanchez Jr. Certificate No. and Grade: WS0009456, C Date: April 15, 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: Webb County Water Utility

PLANT NAME OR NUMBER: Rio Bravo Revised

PWS ID No.: 2400022 **Plant ID No.:** 20831 **Month:** March **Year:** 2015

DISINFECTION PROCESS PARAMETERS

APPROVED CT STUDY PARAMETERS						PERFORMANCE STANDARDS	
	Disinfection Zones					Log Inactivations	
Parameters	D1A	D1B	D2	D3	D4	Giardia lamblia Cysts	Viruses
Flow Rate (MGD)	1.250	1.250	0.625	1.250		0.5	2.0
T_{10} (minutes)	7.9	7.9	21.0	50.4			

PERFORMANCE DATA

DISINFECTION PROCESS DATA

Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
1	FCL D1A	0.5	0.604	13.8	7.1				
	FCL D1B	0.6	0.604	13.9	7.1				
	FCL D2	0.1	0.302	14.7	7.1	0.74	11.94	1.48	
	CLA D3	2.9	1.209	14.2	7.2			(5)	
	D4								
2	FCL D1A	0.3	0.621	14.0	7.1				
	FCL D1B	0.4	0.621	14.0	7.0				
	FCL D2	0.1	0.310	14.0	6.9	0.61	9.57	1.22	
	CLA D3	2.4	1.242	14.0	6.7			(5)	
	D4								
3	FCL D1A	0.4	0.628	16.0	6.9				
	FCL D1B	0.4	0.628	16.0	6.9				
	FCL D2	0.2	0.314	15.0	6.7	0.76	14.34	1.52	
	CLA D3	1.4	1.257	14.0	6.7			(5)	
	D4								
4	FCL D1A	0.5	0.635	17.0	6.9				
	FCL D1B	0.3	0.635	17.0	6.9				
	FCL D2	0.1	0.317	17.0	7.0	0.71	12.15	1.42	
	CLA D3	2.0	1.271	17.0	7.1			(5)	
	D4								
5	FCL D1A	0.4	0.632	15.0	6.9				
	FCL D1B	0.5	0.632	15.0	6.9				
	FCL D2	0.2	0.316	14.0	6.9	0.70	13.13	1.41	
	CLA D3	1.6	1.265	14.0	7.0			(5)	
	D4								
6	FCL D1A	0.3	0.621	14.0	7.2				
	FCL D1B	0.3	0.621	14.0	7.1				
	FCL D2	0.2	0.310	14.7	7.3	0.71	12.73	1.42	
	CLA D3	2.4	1.242	14.6	7.8			(5)	
	D4								
7	FCL D1A	0.3	0.643	15.0	7.2				
	FCL D1B	0.5	0.643	15.0	7.2				
	FCL D2	0.1	0.321	15.0	7.2	0.58	10.53	1.15	
	CLA D3	2.0	1.287	14.0	7.4			(5)	
	D4								
8	FCL D1A	0.5	0.642	15.0	7.2				
	FCL D1B	0.5	0.642	15.0	7.3				
	FCL D2	0.1	0.321	15.0	7.3	0.68	13.96	1.36	
	CLA D3	1.8	1.285	15.0	7.5			(5)	
	D4								

PERFORMANCE DATA

DISINFECTION PROCESS DATA

Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
9	FCL D1A	0.5	0.604	15.0	6.8				
	FCL D1B	1.5	0.604	15.0	6.8				
	FCL D2	0.2	0.302	15.0	6.7	1.06	16.91	2.12	
	CLA D3	3.3	1.209	14.0	6.8			(5)	
	D4								
10	FCL D1A	0.6	0.609	16.0	7.0				
	FCL D1B	0.8	0.609	16.0	7.0				
	FCL D2	0.2	0.304	15.7	7.0	0.99	18.61	1.98	
	CLA D3	2.3	1.219	16.0	7.0			(5)	
	D4								
11	FCL D1A	0.6	0.619	16.0	6.8				
	FCL D1B	0.8	0.619	16.0	6.8				
	FCL D2	0.1	0.309	15.6	7.0	0.84	15.31	1.68	
	CLA D3	1.9	1.239	16.0	7.0			(5)	
	D4								
12	FCL D1A	0.8	0.619	16.0	6.8				
	FCL D1B	0.9	0.619	16.0	6.8				
	FCL D2	0.1	0.309	16.6	6.9	1.05	22.08	2.09	
	CLA D3	1.1	1.238	17.0	7.0			(5)	
	D4								
13	FCL D1A	0.6	0.609	17.0	6.8				
	FCL D1B	0.9	0.609	17.0	6.8				
	FCL D2	0.2	0.304	17.3	7.1	1.11	21.85	2.22	
	CLA D3	1.8	1.219	17.9	7.1			(5)	
	D4								
14	FCL D1A	0.6	0.607	17.4	7.3				
	FCL D1B	1.1	0.607	17.3	7.4				
	FCL D2	0.2	0.303	17.8	7.2	1.15	25.44	2.30	
	CLA D3	1.8	1.215	18.0	7.2			(5)	
	D4								
15	FCL D1A	0.5	0.684	17.3	6.9				
	FCL D1B	1.5	0.684	17.4	7.0				
	FCL D2	0.2	0.342	17.4	6.9	0.95	17.53	1.90	
	CLA D3	2.2	1.368	17.4	7.1			(5)	
	D4								
16	FCL D1A	0.4	0.605	19.6	6.9				
	FCL D1B	0.8	0.605	19.9	6.9				
	FCL D2	0.2	0.302	18.0	6.9	1.09	20.71	2.17	
	CLA D3	1.7	1.211	19.0	7.1			(5)	
	D4								

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

SUBMITTED BY: Tomas Sanchez Jr. **Certificate No. and Grade:** WS0009456, C **Date:** April 15, 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: Webb County Water Utility

PLANT NAME OR NUMBER: Rio Bravo Revised

PWS ID No.: 2400022 **Plant ID No.:** 20831 **Month:** March **Year:** 2015

DISINFECTION PROCESS PARAMETERS

APPROVED CT STUDY PARAMETERS						PERFORMANCE STANDARDS	
	Disinfection Zones					Log Inactivations	
Parameters	D1A	D1B	D2	D3	D4	Giardia lamblia Cysts	Virus
Flow Rate (MGD)	1.25	1.25	0.63	1.25		0.5	2.0
T_{10} (minutes)	7.90	7.90	21.00	50.40			

PERFORMANCE DATA

DISINFECTION PROCESS DATA

Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time*
17	FCL D1A	0.4	0.653	18.0	6.9				
	FCL D1B	0.3	0.653	18.0	6.9				
	FCL D2	0.2	0.326	19.0	6.8	0.86	15.26	1.72	
	CLA D3	1.8	1.307	19.0	7.0			(5)	
	D4								
18	FCL D1A	0.4	0.640	18.0	6.9				
	FCL D1B	0.3	0.640	18.0	6.9				
	FCL D2	0.2	0.320	19.0	6.8	0.88	15.56	1.76	
	CLA D3	1.8	1.281	19.0	7.0			(5)	
	D4								
19	FCL D1A	0.4	0.631	18.0	6.9				
	FCL D1B	0.5	0.631	19.0	6.9				
	FCL D2	0.2	0.315	20.0	6.9	1.09	21.12	2.19	
	CLA D3	1.6	1.262	20.0	7.0			(5)	
	D4								
20	FCL D1A	0.4	0.634	20.0	6.8				
	FCL D1B	0.9	0.634	20.0	6.8				
	FCL D2	0.2	0.317	20.0	6.9	1.05	18.94	2.10	
	CLA D3	1.9	1.268	20.0	7.0			(5)	
	D4								
21	FCL D1A	0.4	0.634	19.0	6.9				
	FCL D1B	0.8	0.634	19.0	7.0				
	FCL D2	0.2	0.317	20.0	6.9	1.10	22.10	2.19	
	CLA D3	1.3	1.268	20.0	7.0			(5)	
	D4								
22	FCL D1A	0.4	0.627	19.0	6.9				
	FCL D1B	0.9	0.627	19.0	6.9				
	FCL D2	0.2	0.313	20.0	6.9	1.07	19.65	2.14	
	CLA D3	1.9	1.254	20.0	7.0			(5)	
	D4								
23	FCL D1A	0.4	0.633	21.1	6.8				
	FCL D1B	0.7	0.633	21.3	6.8				
	FCL D2	0.1	0.316	22.0	7.1	1.15	21.29	2.30	
	CLA D3	1.9	1.267	21.4	7.0			(5)	
	D4								
24	FCL D1A	0.5	0.590	22.1	7.3				
	FCL D1B	0.8	0.590	22.0	7.1				
	FCL D2	0.1	0.295	22.3	7.1	1.20	23.19	2.40	
	CLA D3	2.2	1.180	21.7	7.0			(5)	
	D4								

PERFORMANCE DATA

DISINFECTION PROCESS DATA

Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time*
25	FCL D1A	0.5	0.568	23.3	6.5				
	FCL D1B	0.8	0.568	24.1	6.5				
	FCL D2	0.1	0.284	23.1	7.1	1.64	29.04	3.28	
	CLA D3	2.2	1.137	21.5	7.2			(5)	
	D4								
26	FCL D1A	0.4	0.630	21.9	6.7				
	FCL D1B	0.7	0.630	22.1	6.7				
	FCL D2	0.1	0.315	22.4	6.8	1.09	18.22	2.19	
	CLA D3	2.1	1.260	21.4	6.9			(5)	
	D4								
27	FCL D1A	0.5	0.633	21.8	6.7				
	FCL D1B	0.7	0.633	22.1	6.7				
	FCL D2	0.1	0.316	21.3	6.7	1.25	20.92	2.50	
	CLA D3	2.1	1.267	22.4	6.8			(5)	
	D4								
28	FCL D1A	0.5	0.917	21.9	6.7				
	FCL D1B	0.6	0.917	29.8	6.7				
	FCL D2	0.1	0.458	23.0	6.7	0.79	13.69	1.57	
	CLA D3	1.7	1.834	22.4	6.9			(5)	
	D4								
29	FCL D1A	0.6	0.933	22.3	6.8				
	FCL D1B	0.7	0.933	22.3	6.7				
	FCL D2	0.1	0.466	23.0	7.0	1.03	19.15	2.05	
	CLA D3	2.2	1.867	22.9	6.8			(5)	
	D4								
30	FCL D1A	0.6	0.892	23.0	6.7				
	FCL D1B	0.5	0.892	23.0	6.7				
	FCL D2	0.1	0.446	23.0	7.0	0.91	17.45	1.81	
	CLA D3	1.4	1.785	23.0	7.1			(5)	
	D4								
31	FCL D1A	0.6	0.873	23.0	6.8				
	FCL D1B	0.7	0.873	23.0	6.7				
	FCL D2	0.2	0.436	23.0	6.8	1.22	24.73	2.44	
	CLA D3	1.4	1.746	22.0	6.9			(5)	
	D4								
					Max	1.64	29.04	3.28	
					Min	0.56	9.57	1.15	
					Avg	0.97	17.97	1.94	
					SD	0.22	4.61	0.45	

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

SUBMITTED BY: Tomas Sanchez Jr. **Certificate No. and Grade:** WS0009456, C **Date:** April 15, 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: Webb County Water Utility

PLANT NAME OR NUMBER: Rio Bravo Revised

PWS ID No.: 2400022

Plant ID No.: 20831

Month: March

Year: 2015

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		INDIVIDUAL SAMPLE 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	3/3	140	3.26	2.40	26.4	15	1.76			1.76
2										
3										
4										
5										
6										
7										
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30										
31										
Avg		140.00	3.26	2.40	26.38		1.76			1.76
Max		140.00	3.26	2.40	26.38		1.76			1.76
Min		140.00	3.26	2.40	26.38		1.76			1.76

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summary					Monthly Compliance Ratio
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	
140	3.26	2.40	26.4	NA	1.76

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: WS0009456, C

Date: April 15, 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