

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: City Of Corsicana

PLANT NAME

OR NUMBER: Lake Halbert 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.: 1750002

Operator's Signature: _____

Report for _____

Certificate No. & Grade: WO0012234, A

Date: January 3, 2012

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	64	Number of 4-hour periods when plant was off-line:	122
Number of readings above 0.10 NTU:	54	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:	0.27 NTU
		Minimum turbidity reading:	0.09 NTU
		CFE 95 th percentile value:	0.22 NTU
		Average turbidity value:	0.15 NTU
		Standard deviation:	0.038 NTU
		IFE 95 th percentile:	0.194 NTU

Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	1.45
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Average log inactivation for viruses:	40.27
		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:	61	(at least 31 required) (8)	
Average disinfectant residual value:	2.17	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 not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required: NCNE 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: City Of Corsicana

PLANT NAME OR NUMBER: Lake Halbert WTP

PWS ID No.: 1750002

Connections: 10,837

Month: December Year: 2011

Population: 23,770

PERFORMANCE DATA																			
Date	Raw Water Pumpage (MGD)	Treated Water Pumpage (MGD)	RAW WATER ANALYSES		SETTLED WATER TURBIDITY (Optional 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	1.290	1.120	8	93								X	X	X	0.13	0.09	0.10	2.5	
2	0.520	0.449	7	90								X	X	X	X	X	0.12	2.4	
3	1.370	1.370	7	95								0.10	0.11	0.09	0.09	0.10	X	2.8	
4	0.000	0.000	X	X	X	X						X	X	X	X	X	X	X	
5	0.230	0.230	5	94								X	X	X	0.16	X	X	1.9	
6	1.060	0.997	34	84								X	X	X	X	0.19	0.20	2.9	
7	0.650	0.617	32	88								0.19	0.17	X	X	X	X	3.6	
8	0.740	0.697	36	100								X	X	0.14	0.12	X	X	3.3	
9	0.660	0.628	24	89								X	X	0.15	0.15	X	X	2.4	
10	0.000	0.000	X	X	X	X						X	X	X	X	X	X	X	
11	0.000	0.000	X	X	X	X						X	X	X	X	X	X	X	
12	1.220	1.108	22	92								X	X	X	X	0.27	0.15	2.3	
13	2.330	2.080	22	90								0.22	0.16	0.13	X	0.20	0.15	2.8	
14	1.180	1.139	19	91								0.11	0.10	0.10	0.10	X	X	2.9	
15	0.000	0.000	X	X	X	X						X	X	X	X	X	X	X	
16	1.170	1.069	16	91								X	X	X	0.23	0.17	0.15	2.4	
17	0.100	0.100	19	92								0.14	X	X	X	X	X	3.4	
18	0.000	0.000	X	X	X	X						X	X	X	X	X	X	X	
19	1.670	1.474	21	88								0.18	0.12	0.17	0.17	0.16	0.16	2.0	
20	0.000	0.000	X	X	X	X						X	X	X	X	X	X	X	
21	0.000	0.000	X	X	X	X						X	X	X	X	X	X	X	
22	1.610	1.464	16	86								X	X	0.22	0.22	0.16	0.17	2.1	
23	0.550	0.550	18	88								0.17	0.15	X	X	X	X	3.4	
24	0.000	0.000	X	X	X	X						X	X	X	X	X	X	X	
25	1.340	1.150	19	90								X	X	X	0.16	0.12	0.13	2.8	
26	1.650	1.523	18	86								0.10	0.11	0.15	0.15	0.14	X	3.4	
27	0.000	0.000	X	X	X	X						X	X	X	X	X	X	X	
28	0.550	0.518	12	90								X	X	0.19	0.16	X	X	2.3	
29	0.000	0.000	X	X	X	X						X	X	X	X	X	X	X	
30	0.900	0.900	14	84								X	X	X	0.17	0.18	0.15	1.6	
31	1.550	1.338	12	89								0.16	0.18	0.18	0.15	0.14	0.13	3.5	
Total	22.340	20.521																	
Avg	0.721	0.662																	
Max	2.330	2.080																	
Min	0.000	0.000																	

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: WO0012234, A Date: January 3, 2012