

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

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
Report for the Month of: November 2006

Operator's Signature: _____
Certificate No. & Grade: W00012234 A Date: December 1, 2006

TREATMENT PLANT PERFORMANCE			
Total number of turbidity readings:	<u>148</u>	Number of 4-hour periods when plant was off-line:	<u>32</u>
Number of readings above 0.10 NTU:	<u>13</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 readings above 0.5 NTU:	<u>0</u>		
Number of readings above 1.0 NTU:	<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>0.14</u> NTU	Average turbidity value:	<u>0.08</u> NTU
	Minimum turbidity reading: <u>0.05</u> NTU	Standard deviation:	<u>0.017</u> NTU
Additional report(s) for individual filter monitoring required:	<input checked="" type="radio"/> NONE	<input type="radio"/> Filter Profile	<input type="radio"/> Filter Assessment
Additional report(s) for individual filter monitoring submitted:	<input checked="" type="radio"/> NONE	<input type="radio"/> Filter Profile	<input type="radio"/> Filter Assessment
		<input type="radio"/> CPE	<input type="radio"/> CPE
		Number of days when plant was on-line but individual filter turbidity data was not collected:	<u>0</u>
Number of days with a low CT for no more than 4.0 consecutive hours:	<u>0</u>	Average log inactivation for Giardia:	<u>NA</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>NA</u>
		Number of days when profiling data was not collected:	<u>29</u>
		Number of days when CT data was not collected:	<u>29</u>
Minimum disinfectant residual required leaving the plant:	<u>0.5</u> mg/L	<input type="radio"/> Free Chlorine	<input checked="" type="radio"/> 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	<input type="radio"/> Free Chlorine	<input checked="" type="radio"/> Total Chlorine
Total number of readings this month:	<u>55</u>	Percentage of readings with a low residual this month:	<u>0.0</u> % (6A)
Average disinfectant residual value:	<u>2.32</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>		

PUBLIC NOTIFICATION			
TREATMENT TECHNIQUE VIOLATIONS	YES/NO	If YES, date when notice was given to:	
		COMMISSION	CUSTOMERS*
Were more than 5.0% of the turbidity readings above the acceptable level? - see (1) above	No		
Were there any days with turbidity readings above 1.0 NTU? - see (2) above	No		
Were there any days with turbidity readings above 5.0 NTU? - see (3) above	No		
Were there any periods when the plant failed to meet the CT requirements for more than 4.0 consecutive hours? - see (4) above	No		
Were there any periods when the residuals leaving the plant fell below the acceptable level for more than 4.0 consecutive hours? - see (5) above	No		
Were more than 5.0% of the residuals in the distribution system below the acceptable level for two months in a row? - see (6A) and (6B) above	No		

*Due by the end of the next business day.
* Copies of each Public Notice must accompany this report.

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

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

PWS ID No.: 1750002

Connections: 8,734

Month: November Year: 2006

Population: 24,485

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	2.550	2.549	25	125							0.09	0.09	0.12	0.12	0.14	0.09	2.8	
2	2.089	1.852	32	123							0.09	0.10	0.12	0.11	0.11	0.10	2.9	
3	0.610	0.558	34	124							0.10	0.10	X	X	X	X	3.3	
4	3.185	3.153	35	125							X	0.11	0.09	0.07	0.11	0.10	2.2	
5	3.175	3.169	28	121							0.06	0.06	0.07	0.06	0.06	0.07	3.0	
6	1.165	1.160	23	122							0.05	0.08	X	X	X	X	3.1	
7	0.000	0.000	X	X	X	X					X	X	X	X	X	X	X	
8	0.844	0.698	33	126							X	X	X	X	X	0.10	2.4	
9	3.818	3.790	32	119							0.10	0.08	0.07	0.06	0.07	0.09	3.0	
10	3.750	3.745	36	119							0.06	0.10	0.08	0.07	0.06	0.08	2.8	
11	0.815	0.813	36	122							0.07	0.06	X	X	X	X	3.3	
12	1.467	1.351	44	120							X	X	X	X	0.10	0.10	3.4	
13	3.626	3.534	36	119							0.08	0.07	0.07	0.07	0.08	0.07	3.1	
14	2.913	2.755	33	120							0.07	0.09	0.09	0.09	0.08	0.09	3.5	
15	3.655	3.650	42	117							0.08	0.08	0.08	0.07	0.07	0.06	3.5	
16	3.650	3.641	38	116							0.06	0.06	0.06	0.05	0.06	0.06	3.2	
17	2.203	2.024	39	117							0.06	0.07	0.06	0.07	0.06	0.07	2.8	
18	3.274	3.075	39	117							0.07	0.07	0.08	0.07	0.06	0.08	2.5	
19	3.485	3.479	36	122							0.08	0.08	0.07	0.08	0.08	0.06	2.8	
20	2.503	2.436	33	117							0.09	0.08	0.10	0.07	0.06	0.08	1.3	
21	3.525	3.520	32	119							0.07	0.08	0.10	0.07	0.08	0.07	3.1	
22	3.549	3.337	33	118							0.07	0.07	0.08	0.08	0.09	0.10	3.0	
23	3.490	3.488	37	122							0.07	0.08	0.08	0.08	0.07	0.08	2.3	
24	2.830	2.634	33	123							0.07	0.08	0.10	0.07	0.06	0.06	3.0	
25	2.023	1.852	33	123							0.07	X	X	0.09	0.09	0.08	2.5	
26	3.540	3.533	26	126							0.09	0.10	0.08	0.09	0.08	0.08	2.8	
27	3.610	3.576	23	122							0.07	0.07	0.07	0.08	0.08	0.08	3.0	
28	3.573	3.483	22	121							0.10	0.09	0.10	0.09	0.10	0.09	3.0	
29	2.564	2.484	18	123							0.11	0.10	X	X	0.10	0.08	2.9	
30	3.600	3.592	29	119							0.10	0.11	0.12	0.11	0.11	0.10	2.6	
31																		
Total	81.081	78.931																
Avg	2.703	2.631																
Max	3.818	3.790																
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: W00012234 A Date: December 1, 2006

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: City of Corsicana
PWS ID No.: 1750002

PLANT NAME
OR NUMBER: Lake Halbert
Month: November Year: 2006

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																	
1	0.12	X	0.06	X	0.09	X	0.06	X													
2	0.07	X	0.12	0.12	X	X	0.05	X													
3	0.06	X	0.10	X	X	X	0.05	X													
4	0.06	0.06	0.09	0.08	0.10	0.06	0.09	0.09													
5	X	X	0.07	X	0.07	X	0.07	X													
6	X	X	0.05	X	0.04	X	0.06	X													
7	X	X	X	X	X	X	X	X													
8	0.12	0.12	0.05	0.04	0.10	0.10	0.05	0.05													
9	0.11	X	0.12	0.12	0.10	X	0.05	X													
10	0.07	X	0.08	X	0.05	X	0.05	X													
11	0.06	X	0.06	X	0.03	X	0.05	X													
12	0.12	0.12	0.06	0.05	0.05	0.05	0.05	X													
13	0.13	X	0.06	X	0.11	0.11	0.08	0.08													
14	0.13	0.11	0.12	0.12	0.09	X	0.07	0.07													
15	0.13	X	0.10	X	0.06	X	0.06	X													
16	0.07	X	0.07	X	0.05	X	0.06	X													
17	0.13	0.13	0.05	0.05	0.04	X	0.06	X													
18	0.11	X	0.10	0.08	0.11	0.11	0.08	0.08													
19	0.07	X	0.10	X	0.07	X	0.08	X													
20	0.05	X	0.07	X	0.05	0.04	0.07	X													
21	0.11	0.11	0.06	X	0.04	X	0.07	X													
22	0.07	X	0.10	0.10	0.09	0.09	0.07	X													
23	0.12	0.12	0.08	X	0.08	X	0.06	X													
24	0.08	X	0.06	0.06	0.10	0.10	0.11	0.08													
25	0.05	0.05	0.06	0.06	0.13	0.12	0.07	0.06													
26	0.09	0.09	0.15	X	0.09	X	0.08	X													
27	0.06	X	0.07	X	0.06	X	0.06	X													
28	0.10	0.10	0.09	0.09	0.09	0.09	0.06	X													
29	0.06	0.06	0.08	0.08	0.08	0.08	0.05	0.05													
30	0.14	X	0.07	X	0.07	X	0.07	X													
31																					

SUMMARY & COMPLIANCE ACTIONS	Filter No.											Plant	
	Criteria	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	0	0	0	0								
	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 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 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: _____ Certificate No. and Grade: W00012234 A Date: December 1, 2006

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: City of Corsicana
PWS ID No.: 1750002

PLANT NAME OR NUMBER: Lake Halbert
Month: November Year: 2006 PWS IC

DISINFECTION PROCESS PARAMETERS										
APPROVED CT STUDY PARAMETERS					PERFORMANCE STANDARDS					
Parameters	Disinfection Zones					Log Inactivations				Parar
	D1	D2	D3	D4	D5	Giardia lamblia Cysts		Viruses		
Flow Rate (MGD)	4.000	4.000	4.000			0.5		2.0		Flow
T ₁₀ (minutes)	78.3	15.1	9.0							T ₁₀ (f)

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time _{inact}
1	NA D1								
	FCL D2	3.8	3.600	19.0	7.6				
	CLA D3	3.4	3.600	19.0	7.5				
	D4								
	D5								
2	NA D1								
	FCL D2	3.6	2.400	19.0	7.5				
	CLA D3	3.7	2.400	19.0	7.5				
	D4								
	D5								
3	NA D1								
	FCL D2	3.8	2.400	17.0	7.4				
	CLA D3	3.3	2.400	17.0	7.4				
	D4								
	D5								
4	NA D1								
	FCL D2	3.8	4.000	18.0	7.4				
	CLA D3	3.5	4.000	18.0	7.2				
	D4								
	D5								
5	NA D1								
	FCL D2	3.8	3.600	16.0	7.6				
	CLA D3	3.0	3.600	15.0	7.9				
	D4								
	D5								
6	NA D1								
	FCL D2	3.7	3.600	17.0	7.9				
	CLA D3	3.1	3.600	17.0	7.9				
	D4								
	D5								
7	NA D1								
	NA D2								
	NA D3					NA	NA	NA	
	D4								
	D5								
8	NA D1								
	FCL D2	2.8	4.000	18.0	7.3				
	CLA D3	2.4	4.000	19.0	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 _{inact}	Date
9	NA D1									17
	FCL D2	3.6	4.000	18.0	7.7					
	CLA D3	3.5	4.000	18.0	7.6					
	D4									
	D5									
10	NA D1									18
	FCL D2	4.0	3.800	18.0	7.4					
	CLA D3	3.4	3.800	18.0	7.5					
	D4									
	D5									
11	NA D1									19
	FCL D2	3.8	3.800	18.0	7.4					
	CLA D3	3.5	3.800	18.0	7.4					
	D4									
	D5									
12	NA D1									20
	FCL D2	3.8	3.800	18.0	7.4					
	CLA D3	3.5	3.800	19.0	7.6					
	D4									
	D5									
13	NA D1									21
	FCL D2	3.8	3.800	18.0	7.6					
	CLA D3	3.8	3.800	18.0	7.7					
	D4									
	D5									
14	NA D1									22
	FCL D2	3.7	3.800	17.0	7.4					
	CLA D3	3.8	3.800	17.0	7.6					
	D4									
	D5									
15	NA D1									23
	FCL D2	3.6	3.800	17.0	7.5					
	CLA D3	3.6	3.800	17.0	7.6					
	D4									
	D5									
16	NA D1									24
	FCL D2	3.8	3.800	17.0	7.5					
	CLA D3	3.5	3.800	17.0	7.6					
	D4									
	D5									

NOTE: ONLY use the "Time_{inact}" column to show the length of time that the total inactivation ratio was less than 1.00. NOTE:

SUBMITTED BY: _____ Certificate No. and Grade: W00012234 A Date: December 1, 2006 SUBMI

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.)

C WATER
 EM NAME: City of Corsicana
 D No.: 1750002

PLANT NAME
 OR NUMBER: Lake Halbert
 Month: November Year: 2006

DISINFECTION PROCESS PARAMETERS									
APPROVED CT STUDY PARAMETERS					PERFORMANCE STANDARDS				
meters	Disinfection Zones					Log Inactivations			
	D1	D2	D3	D4	D5	Giardia lamblia Cysts		Virus	
Rate (MGD)	4.000	4.000	4.000			0.5		2.0	
minutes)	78.3	15.1	9.0						

PERFORMANCE DATA									
DISINFECTION PROCESS DATA									
Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time	
NA D1									
FCL D2	3.6	3.800	14.0	7.4					
CLA D3	3.6	3.800	14.0	7.6					
D4									
D5									
NA D1									
FCL D2	3.5	3.800	14.0	7.5					
CLA D3	3.2	3.800	14.0	7.6					
D4									
D5									
NA D1									
FCL D2	3.9	3.800	13.0	7.5					
CLA D3	3.9	3.800	13.0	7.5					
D4									
D5									
NA D1									
FCL D2	3.6	3.600	14.0	7.5					
CLA D3	1.3	3.600	14.0	7.5					
D4									
D5									
NA D1									
FCL D2	3.8	3.800	14.0	7.6					
CLA D3	3.6	3.800	14.0	7.6					
D4									
D5									
NA D1									
FCL D2	3.7	3.800	14.0	7.6					
CLA D3	3.5	3.800	14.0	7.6					
D4									
D5									
NA D1									
FCL D2	3.6	3.800	15.0	7.6					
CLA D3	3.3	3.800	14.0	7.6					
D4									
D5									
NA D1									
FCL D2	4.1	4.000	15.0	7.5					
CLA D3	3.6	4.000	15.0	7.9					
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	NA D1								
	FCL D2	3.9	3.800	15.0	7.4				
	CLA D3	3.6	3.800	15.0	7.3				
	D4								
	D5								
26	NA D1								
	FCL D2	3.8	3.800	14.0	7.6				
	CLA D3	3.6	3.800	15.0	7.5				
	D4								
	D5								
27	NA D1								
	FCL D2	3.8	3.800	16.0	7.6				
	CLA D3	3.7	3.800	17.0	7.6				
	D4								
	D5								
28	NA D1								
	FCL D2	3.4	3.800	16.0	7.5				
	CLA D3	3.3	3.800	17.0	7.7				
	D4								
	D5								
29	NA D1								
	FCL D2	3.6	3.800	17.0	7.6				
	CLA D3	3.3	3.800	17.0	7.6				
	D4								
	D5								
30	NA D1								
	FCL D2	3.4	3.800	19.0	7.6				
	CLA D3	3.1	3.800	19.0	7.7				
	D4								
	D5								
31	D1								
	D2								
	D3								
	D4								
	D5								
Max						NA	NA		
Min						NA	NA		
Avg						NA	NA		
SD						NA	NA		

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

ISSUED BY: _____ Certificate No. _____ and Grade: W00012234 A Date: December 1, 2006