



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL

FACILITY GREY RIVER EPC AREA 001 NPDES PERMIT NO. TN0021377
PERMITTEE U.S. ARMY CORPS OF ENGINEERS MONTH July 2017
CITY CELTNA COUNTY CLAY

MOR/DMR

MONTHLY OPERATION REPORT FOR PACKAGE TREATMENT PLANTS

DATE	TIME OF SAMPLING	WASTEWATER FLOW (gpd)	INFLUENT		OPERATION TESTS					EFFLUENT					SLUDGE DISPOSAL		E-COLI	COMMENTS ABOUT OPERATION AND COMPLIANCE	
			BOD ₅ (mg/l)	SUSPENDED SOLIDS (mg/l)	MIXED LIQUOR SUSPENDED SOLIDS (mg/l)	MIXED LIQUOR SETTLEABLE SOLIDS CYLINDER (ml/l)	AERATION TANK DISSOLVED OXYGEN (mg/l)	CLARIFIER SLUDGE DEPTH (ft)	CLARIFIER SLUDGE THICKNESS (in ft)	BOD ₅ (mg/l)	SUSPENDED SOLIDS (mg/l)	SETTLEABLE SOLIDS (IMHOFF CONE) (ml/l)	DISSOLVED OXYGEN (mg/l)	CHLORINE RESIDUAL (mg/l)	FECAL COLIFORM (log ₁₀ units/ml)	AMMONIA NITROGEN (mg/l)			pH (standard units)
1																			
2	5:15	0																	
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16	4:30	0																	
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			
25																			
26																			
27																			
28																			
29																			
30																			
31																			
TOTAL																			
PERMIT AVERAGE LIMIT											MIN		200					6.0	MIN
ACTUAL AVERAGE VALUE											MIN								MIN
PERMIT MAX LIMIT														1000				9.0	
ACTUAL MAX VALUE																			
PERMIT FREQUENCY OF ANALYSIS																			
ACTUAL FREQUENCY OF ANALYSIS																			
PERMIT SAMPLE TYPE			GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
ACTUAL SAMPLE TYPE																			
NO. OF VIOLATIONS																			

I certify that the submitted information is accurate and complete. I further certify that all sampling was performed in accordance with approved procedures and all analyses were performed in accordance with 40 CFR Part 706. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE OF OPERATOR John E. Smith DATE 7-1-17
 LICENSE NO. 1771 PHONE NO. 931-243-3813

ANALYSES PERFORMED BY OUTSIDE LABORATORY _____
 LABORATORY USED _____
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER Stephen G. Beason DATE _____

Stephen G. Beason
 Stephen G. Beason, Resource Manager
 Date 7/3/17



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL

FACILITY OBEE RIVER REG AREA 002 NPDES PERMIT NO. TN0021377
PERMITTEE U.S. ARMY CORPS OF ENGINEERS MONTH JUNE 2017
CITY CELINA COUNTY Pickett

MOR/DMR MONTHLY OPERATION REPORT FOR PACKAGE TREATMENT PLANTS

DATE	TIME OF SAMPLING	WASTEWATER FLOW (gpd)	INFLUENT			OPERATION TESTS					EFFLUENT					SLUDGE DISPOSAL		COMMENTS ABOUT OPERATION AND COMPLIANCE	
			BOC, (mg/l)	SUSPENDED SOLIDS (mg/l)	MIXED LIQUOR SUSPENDED SOLIDS (mg/l)	MIXED LIQUOR SETTLEABLE SOLIDS CYLINDER (ml/l)	AERATION TANK DISSOLVED OXYGEN (mg/l)	CLARIFIER SLUDGE DEPTH OF BED (thickness in ft)	BOC, (mg/l)	SUSPENDED SOLIDS (mg/l)	SETTLEABLE SOLIDS IMHOFF CONE (ml/l)	DISSOLVED OXYGEN (mg/l)	CHLORINE RESIDUAL (mg/l)	FECAL COLIFORM (organisms/100 ml)	AMMONIA NITROGEN (mg/l)	pH (standard units)	VOLUME FROM CLARIFIER TO HOLDING TANK (gal)		VOLUME FROM HOLDING TANK TO FINAL DISPOSAL (gal)
1																			
2	5:20	320								18	9	40.1	6.8	0.1				6	
3																			
4																			
5	6:30	1800										40.1	6.6	0.1					
6																			
7																			
8																			
9	9:05	1440										40.1	7.1	0.1					7.0
10																			
11																			
12																			
13	8:05	1820										40.1	7.0	0.2					6.9
14																			
15																			
16	4:55	1690										40.1	6.7	0.2					6.9
17																			
18																			
19	6:00	1280										40.1	6.6	0.1					7.0
20																			
21																			
22																			
23																			
24	6:10	1440										40.1	7.1	0.1					7.0
25																			
26	4:45	1440										40.1	6.5	0.1					6.6
27																			
28																			
29																			
30	11:00	920										40.1	6.8	0.1					6.8
31																			
TOTAL										18	9								
DESIGN BOD RATE										30	30	1.0 MIN		200				8.0 MIN	
ACTUAL BOD RATE										18	9	6.5 MIN						6.8 MIN	
PERFORMANCE INDEX										45	45		0.5	1000				9.0	
ACTUAL EFF. VALUE										18	9		0.2					7.0	
PLANT FREQUENCY OF ANALYSIS										2/7	2/7	2/7	2/7					2/7	
ACTUAL FREQUENCY OF ANALYSIS										2/7	2/7	2/7	2/7					2/7	
PLANT SAMPLE TYPE			GRAB	GRAB	GRAB	GRAB	GRAB	GRAB		GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
ACTUAL SAMPLE TYPE										6	6	6	6					6	
NO OF VIOLATIONS										0	0	0	0					0	

I certify that the submitted information is accurate and complete. I further certify that all sampling was performed in accordance with approved procedures and all analyses were performed in accordance with 40 CFR Part 136. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE OF OPERATOR John E. Schmitt DATE 7-1-17
 LICENSE NO. 1771 PHONE NO. 931-243-3813

ANALYSES PERFORMED BY OUTSIDE LABORATORY B.O.D, T.S.S, E-Coli
 LABORATORY USED Celina Wastewater
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER John Berner DATE 7/3/17



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL

FACILITY GREY RIVER REC AREA 003 NPDES PERMIT NO. TN0021377
PERMITTEE U.S. ARMY CORPS OF ENGINEERS MONTH JUNE 2017
CITY CELINA COUNTY Pickett

MOR/DMR MONTHLY OPERATION REPORT FOR PACKAGE TREATMENT PLANTS

DATE	TIME OF SAMPLING	WASTEWATER FLOW (gpd)	INFLUENT		OPERATION TESTS				EFFLUENT						SLUDGE DISPOSAL		COMMENTS ABOUT OPERATION AND COMPLIANCE			
			BOD (mg/l)	SUSPENDED SOLIDS (mg/l)	MIXED LIQUOR SUSPENDED SOLIDS (mg/l)	MIXED LIQUOR SETTLEABLE SOLIDS CYLINDER (ml)	AERATION TANK DISSOLVED OXYGEN (mg/l)	CLARIFIER SLUDGE DEPTH OF BED (thickness in ft)	BOD (mg/l)	SUSPENDED SOLIDS (mg/l)	SETTLABLE SOLIDS (MHOFF COKE (ml))	DISSOLVED OXYGEN (mg/l)	CHLORINE RESIDUAL (mg/l)	FECAL COLIFORM (per 100 ml)	AMMONIA NITROGEN (mg/l)	pH (standard units)		VOLUME FROM CLARIFIER TO HOLDING TANK (gal)	VOLUME FROM HOLDING TANK TO FINAL DISPOSAL (gal)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	1700-3	
1																				
2	5:25	*																	* Manhole Under water	
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16	5:00	320							9	7	<0.1	6.6	0.1			6.8		8		
17																				
18																				
19	6:05	980									<0.1	7.0	0.1			6.9				
20																				
21																				
22																				
23	6:15	720									<0.1	6.9	0.1			7.0				
24																				
25																				
26	4:50	640									<0.1	6.6	0.1			6.8				
27																				
28																				
29																				
30	11:05	1040									<0.1	6.8	0.1			6.9				
31																				
TOTAL									9	7										
PERMIT REQ. LIMIT									30	30		1.0 MIN		200		8.0 MIN				
ACTUAL MAX VALUE									9	7		6.0 MIN				6.8 PH				
PERMIT MAX LIMIT									45	45	0.5		0.5	1000		9.0				
ACTUAL MAX VALUE									9	7	<0.1		0.1			7.0				
PERMIT FREQUENCY OF ANALYSIS									2/7	2/7	2/7	2/7	2/7			2/7				
ACTUAL FREQUENCY OF ANALYSIS									2/7	2/7	2/7	2/7	2/7			2/7				
PERMIT SAMPLE TYPE			GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
ACTUAL SAMPLE TYPE									6	6	6	6	6			6				
NO. OF VIOLATIONS									0	0	0	0	0			0				

I certify that the submitted information is accurate and complete. I further certify that all sampling was performed in accordance with approved procedures and all analyses were performed in accordance with 40 CFR Part 136. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE OF OPERATOR John E. [Signature] DATE 7-1-17
 LICENSE NO. 1771 PHONE NO. 931-248-3813
 ANALYSES PERFORMED BY OUTSIDE LABORATORY B.O.O, T.S.S., E-Coli
 LABORATORY USED Celina Wastewater
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER _____ DATE _____

Stephen Berman
7/3/17