

April 12, 2012

James Carlock, Water and Wastewater Superintendent City of Osceola WWTP P.O. Box 443 Osceola, AR 72370

RE: NPDES Compliance Inspection - City of Osceola Wastewater Treatment Plant

AFIN: 47-00956 NPDES Permit No.: AR0021580

Dear Mr. Carlock:

On March 27, 2012, I performed a routine compliance inspection of the above referenced wastewater treatment facility in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. At the time of the inspection, the facility appeared to be in compliance with the requirements of the Permit.

If I can be of assistance, please contact me at greenway@adeq.state.ar.us or 870-935-7221 ext.-15.

Sincerely,

Michael B. Greenway District 3 Field Inspector

Water Division

cc: Water Division Enforcement Branch

Water Division Permits Branch

ADEQ Water NPDES Inspection	AFIN: 47-00956	Permit #: AR0021580

Form Approved OMB No. 2040-0003 **\$EPA** UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Washington, D.C. 20460 **NPDES Compliance Inspection Report** Section A: National Data System Coding Transaction Code **NPDES** Yr/Mo/Day Inspec. Type Inspector Fac. Type 12 Remarks \mathbf{S} \mathbf{S} Facility Evaluation Rating QA Inspection Work Days 70 69 75 80 Section B: Facility Data Name and Location of Facility Inspected (For industrial users discharging to POTW, also Entry Time/Date Permit Effective Date include POTW name and NPDES permit number) 11:00 / March 27, 2012 February 01, 2011 City of Osceola WWTP West side of CR 471, south of Hwy 140 Exit Time/Date Permit Expiration Date Osceola, AR 15:15 / March 27, 2012 January 31, 2016 Mississippi County Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Other Facility Data James Carlock / Water and Wastewater Superintendent / 870-563-2628 35.679585 -90.03858 Name, Address of Responsible Official/Title/Phone and Fax Number James Carlock / Water and Wastewater Superintendent / 870-563-2628 Contacted City of Osceola WWTP P.O. Box 443 PDS # 064945 Osceola, AR 72370 Section C: Areas Evaluated During Inspection (S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated) \mathbf{S} \mathbf{S} \mathbf{S} Permit Operations & Maintenance Flow Measurement Sampling \mathbf{S} N Records/Reports **Self-Monitoring Program** Sludge Handling/Disposal **Pollution Prevention Facility Site Review Compliance Schedules Pretreatment** Multimedia \mathbf{S} **Effluent/Receiving Waters** Laboratory **Storm Water** Other: Section D: Summary of Findings/Comments (Attach additional sheets if necessary) This routine compliance evaluation inspection of the wastewater treatment facility was conducted in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. At the time of the inspection, the facility appeared to be in compliance with the requirements of the Permit. Name(s) and Signature(s) of Inspector(s) Agency/Office/Telephone/Fax Date AR Dept. of Environmental Quality-Jonesboro April 05, 2012 (870) 935-7221 ext. 15 / (870) 935-4715 (Fax) Michael B. Greenway Signature of Reviewer Agency/Office/Phone and Fax Numbers Date

ADEQ Water I	NPDES Inspection	AFIN: 47-00956	Perm	nit #: AR0021580		
SECTION A: PERM	IIT VERIFICATION					
PERMIT SATISFACT	ORILY ADDRESSES (DBSERVATIONS		⊠s		NA □NE
DETAILS:						
1. CORRECT NAME AND M.	AILING ADDRESS OF PERMIT	ΓΕΕ:			ØY □N	□NA □NE
2. NOTIFICATION GIVEN TO	EPA/STATE OF NEW DIFFER	ENT OR INCREASED DISCHAR	GES:			⊠NA □NE
3. NUMBER AND LOCATION	N OF DISCHARGE POINTS AS	DESCRIBED IN PERMIT:			ØY□N	□NA □NE
4. ALL DISCHARGES ARE F	PERMITTED:				⊠Y □N	□NA □NE
SECTION B: RECO	ORDKEEPING AND	REPORTING EVALU	JATION			
RECORDS AND REP	ORTS MAINTAINED A	S REQUIRED BY PER	MIT	⊠s	\square M \square U \square	NA □NE
DETAILS:				·		
1. ANALYTICAL RESULTS O	CONSISTENT WITH DATA REP	ORTED ON DMRS:			ØY□N	□NA □NE
2. SAMPLING AND ANALYS	ES DATA ADEQUATE AND INC	CLUDE:			⊠s □m □u	□NA □NE
a. DATES AND TIME(S) OF	SAMPLING:				Øy□n	□NA □NE
b. EXACT LOCATION(S) OI	F SAMPLING:				⊠Y □N	□NA □NE
c. NAME OF INDIVIDUAL P	ERFORMING SAMPLING:				ØY □N	□NA □NE
d. ANALYTICAL METHODS	AND TECHNIQUES:				ØY□N	□NA □NE
e. RESULTS OF CALIBRAT	IONS:				⊠Y □N	□NA □NE
f. RESULTS OF ANALYSES	S:				⊠Y □N	□NA □NE
g. DATES AND TIMES OF A	NALYSES:				⊠Y □N	□NA □NE
h. NAME OF PERSON(S) P	ERFORMING ANALYSES:				ØY □N	□NA □NE
3. LABORATORY EQUIPME	NT CALIBRATION AND MAINT	ENANCE RECORDS ADEQUATE	:		⊠s □m □u	□NA □NE
4. PLANT RECORDS INCLU	DE SCHEDULES, DATES OF E	QUIPMENT MAINTENANCE ANI	D REPAIR:		⊠s □m □u	□NA □NE
5. EFFLUENT LOADINGS C	ALCULATED USING DAILY EF	FLUENT FLOW AND DAILY ANA	LYTICAL DATA:		Øy□n	□NA □NE
SECTION C: OPER	RATIONS AND MAIN	NTENANCE				
		ATED AND MAINTAINE	ED .	⊠s	□м □∪ □	NA □NE
DETAILS:						
TREATMENT UNITS PRO	PERLY OPERATED:				⊠s □m □u	□NA □NE
2. TREATMENT UNITS PRO	PERLY MAINTAINED:				⊠s □m □u	□NA □NE
3. STANDBY POWER OR O	THER EQUIVALENT PROVIDE	D:			⊠s □m □u	□NA □NE
4. ADEQUATE ALARM SYS	TEM FOR POWER OR EQUIPM	ENT FAILURES AVAILABLE:			⊠s □m □u	□NA □NE
5. ALL NEEDED TREATMEN	IT UNITS IN SERVICE:				⊠s □m □u	
6. ADEQUATE NUMBER OF	QUALIFIED OPERATORS PRO	OVIDED:			⊠s □m □u	
7. SPARE PARTS AND SUP	PLIES INVENTORY MAINTAINI	ED:			⊠s □m □u	
8. OPERATION AND MAINT	ENANCE MANUAL AVAILABLE					□NA ☑NE
	PROCEDURES AND SCHEDU					
	RGENCY TREATMENT CONTI					
		LANT OR IN THE COLLECTION	SYSTEM IN THE LAST YE	AR:		
	TORY AGENCY BEEN NOTIFII					
		ADDITIONAL BYPASSES/OVER	RFLOWS:			
	OVERLOADS OCCURRED AT T					
	ATIONS OCCUR AS A RESULT					ØNA □NE

	ADEQ Water NPDES Inspection AFI	N: 47-00956	Permit #: AR002	1580				
SI	ECTION D: SAMPLING							
PE	RMITTEE SAMPLING MEETS PERMIT F	EQUIREMENTS		Øs		Ju C]NA	□NE
DE	ETAILS:							
1.	SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:					Y 🗆 N	□NA	□NE
2.	LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:					Y 🗆 N	□NA	□NE
3.	FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUI	RED BY PERMIT:			abla	Y 🗆 N	□NA	□NE
4.	SAMPLING AND ANALYSES COMPLETED ON PARAMETERS	SPECIFIED IN PERMIT:				Y 🗆 N	□NA	□NE
5.	SAMPLING AND ANALYSES PERFORMED AT FREQUENCY S	SPECIFIED IN PERMIT:				Y 🗆 N	□NA	□NE
6.	SAMPLE COLLECTION PROCEDURES ADEQUATE:					Y 🗆 N	□NA	□NE
a	. SAMPLES REFRIGERATED DURING COMPOSITING:				$\overline{\mathbf{A}}$	Y 🗆 N	□NA	□NE
t	. PROPER PRESERVATION TECHNIQUES USED:				abla	Y 🗆 N	□NA	□NE
C	:. CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO	40 CFR 136:				Y 🗆 N	□NA	□NE
7.	IF MONITORING IS PERFORMED MORE OFTEN THAN REQU	IRED ARE RESULTS REPOR	RTED ON THE DMR:			Y 🗆 N	ØNA	□NE
SI	ECTION E: FLOW MEASUREMENT							
PE	RMITTEE FLOW MEASUREMENT MEET	S PERMIT REQU	REMENTS	Øs		Ju C]NA	□NE
DI	ETAILS:							
1.	PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTA	LLED AND MAINTAINED:	TYPE OF DEVICE: In-line totalizin	g meter		Y 🗆 N	□NA	□NE
2.	FLOW MEASURED AT EACH OUTFALL AS REQUIRED:				abla	Y 🗆 N	□NA	□NE
3.	SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, E	TC.) PROPERLY OPERATE	D AND MAINTAINED:			Y 🗆 N	ØNA	□NE
4.	CALIBRATION FREQUENCY ADEQUATE:				Ø	Y 🗆 N	□NA	□NE
5.	RECORDS MAINTAINED OF CALIBRATION PROCEDURES:					Y 🗆 N	□na	□NE
6.	CALIBRATION CHECKS DONE TO ASSURE CONTINUED COI	MPLIANCE:				Y 🗆 N	ØNA	□NE
7.	FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS TH	CHANNEL AND FREE OF	ΓURBULENCE:			Y 🗆 N	ØNA	□NE
8.	FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE	EXPECTED RANGE OF FL	OW RATES:			Y 🗆 N	□NA	□NE
9.	HEAD MEASURED AT PROPER LOCATION:					Y 🗆 N	ØNA	□NE
SI	ECTION F: LABORATORY							
PE	RMITTEE LABORATORY PROCEDURES	MEET PERMIT F	REQUIREMENTS	✓s		Ju C]NA	□NE
DI	ETAILS:							
1.	EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR	136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) :			Y 🗆 N	□NA	□NE
2.	IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PI	ROPER APPROVAL HAS BE	EN OBTAINED:			Y 🗆 N	ØNA	□NE
3.	SATISFACTORY CALIBRATION AND MAINTENANCE OF INST	RUMENTS AND EQUIPMEN	T:		Ø	Y 🗆 N	□NA	□NE
4.	QUALITY CONTROL PROCEDURES ADEQUATE:					Y 🗆 N	□NA	□NE
5.	DUPLICATE SAMPLES ARE ANALYZED ≥10% OF THE TIME:					Y 🗆 N	□NA	□NE
6.	SPIKED SAMPLES ARE ANALYZED >10% OF THE TIME:				$\overline{\mathbf{A}}$	Y 🗆 N	□NA	□NE
7.	COMMERCIAL LABORATORY USED:				$\overline{\mathbf{A}}$	Y 🗆 N	□NA	□NE
a	a. LAB NAME: Environmental Testing and Consulting Inc.							
t	. LAB ADDRESS: 2790 Whitman Rd, Memphis, TN, 38133							
c	:. PARAMETERS PERFORMED: Biomonitoring, Phosphorus, a	nd Nitrate						
8.	BIOMONITORING PROCEDURES ADEQUATE:					Y 🗆 N	□NA	□NE
a	a. PROPER ORGANISMS USED:					Y DN		
	D. PROPER DILUTION SERIES FOLLOWED:					Y DN		
	: PROPER TEST METHODS AND DURATION:					Y 🗆 N		

d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:

□Y □N □NA ☑NE

A	DEQ Water NPDES I	nspection	AFIN: 47-00956		Permit #: AR00	21580			
SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS									
BASED ON VISUAL OBSERVATIONS ONLY									
DETAILS: Observations made at discharge of the final treatment pond.									
_	I		Ī	<u> </u>	ı	001.00	OTUED		
OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER		
001	None	None	Very Low	None	None	Clear			
SECTION	H: SLUDGE	DISBOSAL							
			REQUIREMEN'	TO			U □NA □NE		
			REQUIREIVIEN	13		M2 UNI U	U LINA LINE		
_	Sludge remains		FELLIENT OLIALITY:				□u □na □ne		
	ECORDS MAINTAINEI						DU MA DNE		
			ED TO: (E.G., FOREST	ACDICIII TUDAL DUE	PLIC CONTACT SITE):	ПЭ ПМ	LIU MINA LINE		
3. FOR LAND	APPLIED SLODGE, 1	TPE OF LAND APPLIE	ED 10. (E.G., FOREST	, AGRICULTURAL, PUL	SLIC CONTACT SITE).				
SECTION	I. CAMDI IN	C INCDECTI	ON PROCED	IIDEC					
			REQUIREMENT			Пе Пм П	U ⊠NA □NE		
DETAILS:	CESULIS WIII	TIIN PERIVIII P	REQUIREMENT	3		па пім п	U MINA LINE		
	OBTAINED THIS INSP	ECTION:				ПУ	□N ⊠NA □NE		
			METHOD: FREQUE	-NOV					
	PRESERVED:	LCOMPOSITE:	METHOD: FREQUE	INC I:		ПУ	□N MNA □NE		
		S ORTAINED:					ON MA ONE		
4. FLOW PROPORTIONED SAMPLES OBTAINED: 5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE: CY IN VINA INE									
6. SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE: □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □									
7. SAMPLE SPLIT WITH PERMITTEE:									
	COLLECTED IN ACCO		ИІТ·						
o. Or avail ELO	332223125 114 74000	TOTAL WITH EN	****						
SECTION	SECTION J: STORM WATER POLLUTION PREVENTION PLAN								
SECTION	J. JIONNI V	TAILK FUL	LOTION FIXE	V LIVITON PL	7.17				

9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT:	□Y □N ØNA □NE
SECTION J: STORM WATER POLLUTION PREVENTION PLAN	
STORM WATER MANAGEMENT MEETS PERMIT REQUIREMENTS	☑S □M □U □NA □NE
DETAILS: This facility has a no exposure exclusion (permit# ARR000149). Evaluated	Separately.
SWPPP UPDATED AS NEEDED: DATE OF LAST UPDATE:	□Y □N ☑NA □NE
2. SITE MAP INCLUDING ALL DISCHARGES AND SURFACE WATERS:	□Y □N ☑NA □NE
3. POLLUTION PREVENTION TEAM IDENTIFIED:	□Y □N ☑NA □NE
4. POLLUTION PREVENTION TEAM PROPERLY TRAINED:	□Y □N ☑NA □NE
5. LIST OF POTENTIAL POLLUTANT SOURCES:	□Y □N ☑NA □NE
6. LIST OF POTENTIAL SOURCES AND PAST SPILLS AND LEAKS:	□Y □N ☑NA □NE
7. ALL NON-STORM WATER DISCHARGES ARE AUTHORIZED:	□Y □N ☑NA □NE
8. LIST OF STRUCTURAL BMPS:	□Y □N ☑NA □NE
9. LIST OF NON-STRUCTURAL BMPS:	□Y □N ☑NA □NE
10. BMPS PROPERLY OPERATED AND MAINTAINED:	□Y □N ☑NA □NE
11. INSPECTIONS CONDUCTED AS REQUIRED:	□Y □N ☑NA □NE

DMR Calculation Check

Reporting Period: From 2011 Oct. 01 To 2011 Oct. 31 Year Month Day Year Month Day

Parameter Checked: BOD

	Loading Mass	Concentration Monthly				
	Mo. Avg lbs/day	Mo. Avg mg/l	7-day Avg mg/l			
Reported Value:	174	18.1	18.8			
Calculated Value:	173.8	18.2	18.8			
Permit Value:	625.5	30	45			

If calculated value does not equal reported value, explain: Slight differences due to rounding.

DMR Calculation Check

Reporting Period:	From	2012	Feb.	01	To	2012	Feb.	29	
		Year	Month	Day		Year	Month	Day	

Parameter Checked: TSS

	Loading Mass	Concentration Monthly				
	Mo. Avg lbs/day	Mo. Avg mg/l	7-day Avg mg/l			
Reported Value:	ported Value: 694		28.4			
Calculated Value:	694.2	27.2	28.4			
Permit Value:	1876.5	90	135			

If calculated value does not equal reported value, explain: Slight difference in loading values due to rounding.