

January 22, 2008

Dickie Kennemore, Mayor City of Osceola P.O. Box 443 Osceola, AR 72370

RE: Waste Water Treatment Plant

AFIN: 47-00148 NPDES Permit No.: AR0021580

Dear Mr. Kennemore:

On December 20, 2007, I performed a routine compliance inspection of the waste water 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 it appeared that you were in compliance with the terms of your permit.

If I can be of any assistance, please contact me at walker@adeq.state.ar.us or 870-935-7221 ext.-12.

Sincerely,

Brent L. Walker

District 3 Field Inspector

Brest & Walker

Water Division

Water Division Enforcement Branch cc:

Water Division Permits Branch

≎ EPA							Form Approved OMB No. 2040-0003	
	UNITE							
	NPDES C							
			Section A: Nation					
Transaction Code							pec. Type Inspector Fac. Type C 19 S 20 1	
	Inspection Work Days Fa	acility Evaluation R	ating 71	BI N 72	QA 73 74 75]	Reserved	
			Section I	B: Facility	y Data			
inclu City	e and Location of Facility Inspected (For i de POTW name and NPDES permit numbe of Osceola, WWTP		harging to POTW	V, also	Entry Time/Date 1015 12/20/2007		Permit Effective Date February 13, 2006	
Osce	Hwy. 140 West ola, AR sssippi Co.				Exit Time/Date 1230 12/20/2007		Permit Expiration Date February 13, 20011	
	e(s) of On-Site Representative(s)/Title(s)/kes N. Carlock/Superintendent/870-622-5		ber(s)			Oth	er Facility Data	
Dick P.O.	e, Address of Responsible Official/Title/Pl ie Kennemor/Mayor/870-563-5102 Box 443 ola, AR 72370	hone and Fax Numb	per		Contacted Yes □ No ☑			
					During Inspection tisfactory, N = Not Evaluated)			
S	Permit S	Flow Measuremen		~	perations & Maintenance	S	Sampling	
S	Records/Reports S	Self-Monitoring P	Program	N SI	udge Handling/Disposal	S	Pollution Prevention	
S	Facility Site Review N	Compliance Scheo	dules	N P	retreatment	N	Multimedia	
S	Effluent/Receiving Waters S	Laboratory			orm Water	N	Other:	
Atı	Sec	· · · · · · · · · · · · · · · · · · ·			ttach additional sheets if necessary	y)		
		•	_					
All	tems noted during the previous inspecti	ion nad been corre	ciea.					
The facility making was preparations to have sludge removed from the influent corner of the first lagoon.								
Nan	e(s) and Signature(s) of Inspector(s)		Agency/Office/Telephone/Fax				Date	
Brent L. Walker Brest & Walter			AR Dept. of Environmental Quality-Jonesboro (870) 935-7221 ext. 12/(870) 935-4715 (Fax)				January 22, 2008	
Sigr	ature of Reviewer		Agency/Office/Phone and Fax Numbers				Date	

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SECTION A: PERMIT VERIFICATION	
PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS	☑S ☐M ☐U ☐NA ☐NE
DETAILS:	
1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE:	☑Y □N □NA □NE
2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES:	□y □n ☑na □ne
3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT:	☑y □n □na □ne
4. ALL DISCHARGES ARE PERMITTED:	☑Y □N □NA □NE
SECTION B: RECORDKEEPING AND REPORTING EVALUATION	
RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT	☑S ☐M ☐U ☐NA ☐NE
DETAILS:	
1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRS:	☑Y □N □NA □NE
2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE:	⊠s □m □u □na □ne
a. DATES AND TIME(S) OF SAMPLING:	☑y □n □na □ne
b. EXACT LOCATION(S) OF SAMPLING:	☑y □n □na □ne
c. NAME OF INDIVIDUAL PERFORMING SAMPLING:	☑Y □N □NA □NE
d. ANALYTICAL METHODS AND TECHNIQUES:	☑Y □N □NA □NE
e. RESULTS OF CALIBRATIONS:	☑Y □N □NA □NE
f. RESULTS OF ANALYSES:	☑Y □N □NA □NE
g. DATES AND TIMES OF ANALYSES:	☑Y □N □NA □NE
h. NAME OF PERSON(S) PERFORMING ANALYSES:	☑Y □N □NA □NE
3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE:	☑s □m □u □na □ne
4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR:	Øs □m □u □na □ne
5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA:	☑Y □N □NA □NE
SECTION C: OPERATIONS AND MAINTENANCE	
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED	☑S □M □U □NA □NE
DETAILS:	
1. TREATMENT UNITS PROPERLY OPERATED:	⊠s □m □u □na □ne
2. TREATMENT UNITS PROPERLY MAINTAINED:	☑s □m □u □na □ne
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED:	☑S ☐M ☐U ☐NA ☐NE
4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE:	Øs □m □u □na □ne
5. ALL NEEDED TREATMENT UNITS IN SERVICE:	Øs □m □u □na □ne
6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED:	☑S □M □U □NA □NE
7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED:	Øs □m □u □na □ne
8. OPERATION AND MAINTENANCE MANUAL AVAILABLE:	☑Y □N □NA □NE
9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED:	☑Y □N □NA □NE
10. PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED:	☑Y □N □NA □NE
11. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR:	☑Y □N □NA □NE
12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED:	⊠y □n □na □ne
13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS:	☑Y □N □NA □NE
14. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT:	□y Øn □na □ne
15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT:	□y □n ☑na □ne

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SECTION D: SAMPLING	
PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS	☑S □M □U □NA □NE
DETAILS:	
1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:	☑Y □N □NA □NE
2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:	Øy □n □na □ne
3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT:	Øy □n □na □ne
4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT:	☑Y □N □NA □NE
5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:	☑Y □N □NA □NE
6. SAMPLE COLLECTION PROCEDURES ADEQUATE:	☑Y □N □NA □NE
a. SAMPLES REFRIGERATED DURING COMPOSITING:	☑Y □N □NA □NE
b. PROPER PRESERVATION TECHNIQUES USED:	Øy □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 REQUIRED ARE RESULTS REPORTED ON THE DMR:	□y □n ☑na □ne
SECTION E: FLOW MEASUREMENT	
PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	☑S □M □U □NA □NE
DETAILS: Controlotron System 1010 Multisonic Flowmeter Model # 1010NR-T2	KGS - New 11/9/2006
PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: TYPE OF DEVICE:	□y □n ☑na □ne
2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED:	☑Y □N □NA □NE
3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED:	☑Y □N □NA □NE
4. CALIBRATION FREQUENCY ADEQUATE:	☑Y □N □NA □NE
5. RECORDS MAINTAINED OF CALIBRATION PROCEDURES:	☑Y □N □NA □NE
6. CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE:	□y □n ☑na □ne
7. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE:	□Y □N ☑NA □NE
8. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES:	☑Y □N □NA □NE
9. HEAD MEASURED AT PROPER LOCATION:	□Y □N ☑NA □NE
SECTION F: LABORATORY	
PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	☑S □M □U □NA □NE
DETAILS:	
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, PROPER APPROVAL HAS BEEN OBTAINED:	□Y □N ☑NA □NE
3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT:	☑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:	☑Y □N □NA □NE
7. COMMERCIAL LABORATORY USED:	☑Y □N □NA □NE
a. LAB NAME: Environmental Testing and Consulting	
b. LAB ADDRESS: Memphis, TN	
c. PARAMETERS PERFORMED: Acute Toxicity	
8. BIOMONITORING PROCEDURES ADEQUATE:	⊠y □n □na □ne
a. PROPER ORGANISMS USED:	MY ON ONA ONE
b. PROPER DILUTION SERIES FOLLOWED:	☑Y □N □NA □NE
c. PROPER TEST METHODS AND DURATION:	☑Y □N □NA □NE
d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	□Y □N ☑NA □NE

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SECTION	G: EFFLUE	NT/RECEIVIN	IG WATERS	OBSERVATION	ONS				
	Ы З □М □	U □NA □NE							
BASED ON VISUAL OBSERVATIONS ONLY DETAILS: VISUAL OBSERVATIONS ONLY V									
OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER		
001	None	None	Low	None	None	Lt. Green			
001	Hone	Hone	Low	None	None	Lt. Orcen			
						<u> </u>			
SECTION	H: SLUDGE	DISPOSAL							
	DISPOSAL MEI		REQUIREMENT	TS		Пѕ Пм П	U ⊠NA □NE		
					ns to have sludge				
	IANAGEMENT ADEQU			ang preparation	13 to have sluage		□u ☑na □ne		
	ECORDS MAINTAINE						□U ☑NA □NE		
	APPLIED SLUDGE, T			AGRICULTURAL. PUI	BLIC CONTACT SITE):		DO BINA BINE		
SECTION	I: SAMPLIN	G INSPECTION	ON PROCEDI	JRES					
	RESULTS WITH					□ѕ□м□	U ☑NA □NE		
DETAILS:							<u> </u>		
	OBTAINED THIS INSP	ECTION:				□Y	□n Øna □ne		
2. TYPE OF S	SAMPLE: GRAB:	COMPOSITE: N	METHOD: FREQUE	NCY:					
	PRESERVED:					□Y	□n Øna □ne		
4. FLOW PRO									
5. SAMPLE O	BTAINED FROM FACII	LITY'S SAMPLING DE\	/ICE:			□Y	□n Øna □ne		
6. SAMPLE R	EPRESENTATIVE OF	VOLUME AND NATUR	E OF DISCHARGE:			□Y	□n Øna □ne		
7. SAMPLE S	PLIT WITH PERMITTE	E:				□Y	□n Øna □ne		
8. CHAIN-OF-	CUSTODY PROCEDU	RES EMPLOYED:				□Y	□n Øna □ne		
9. SAMPLES	COLLECTED IN ACCO	RDANCE WITH PERM	IT:			□Y	□n Øna □ne		
SECTION	J: STORM V	VATER POLL	UTION PRE	VENTION PLA	AN				
STORM W	ATER MANAG	EMENT MEET	S PERMIT RE	QUIREMENTS	3	Øs □m □	U DNA DNE		
DETAILS:	No Exposure E	xclusion was e	valuated separa	ately.	<u>.</u>				
1. SWPPP UP	PDATED AS NEEDED:	DATE OF LAST UP	DATE:			□Y	□n □na ☑ne		
2. SITE MAP I	INCLUDING ALL DISC	HARGES AND SURFAC	CE WATERS:			□Y	□N □NA ☑NE		
3. POLLUTIO	3. POLLUTION PREVENTION TEAM IDENTIFIED:								
4. POLLUTIO	POLLUTION PREVENTION TEAM PROPERLY TRAINED:								
5. LIST OF PO	5. LIST OF POTENTIAL POLLUTANT SOURCES:								
6. LIST OF PO	6. LIST OF POTENTIAL SOURCES AND PAST SPILLS AND LEAKS: □Y □N □NA ☑I								
7. ALL NON-STORM WATER DISCHARGES ARE AUTHORIZED:									
8. LIST OF ST	RUCTURAL BMPS:					□Y	□n □na ☑ne		
9. LIST OF NO	ON-STRUCTURAL BMF	PS:				□Y	□n □na ☑ne		
10. BMPS PRC	PERLY OPERATED A	ND MAINTAINED:				□Y	□n □na ☑ne		
11. INSPECTIONS CONDUCTED AS REQUIRED:									

FLOW CALCULATION SHEET									
No calibration chack could be performed as flow is measured using a closed pine									
No calibration check could be performed as flow is measured using a closed pipe flow meter.									
Date:		Time:							
Head in Inch	200:	Feet:							
Tieau III IIICI	163.	1 661.							
Type & Size	of Primary Flo	w Measurem	nent Devi	ce:					
Nama & Ma	del of Seconda	ary Flow Moo	curomont	+ Dovi	ico:				
Name & Mo	dei di Seconda	ary riow ivica	Suiemem	Devi	ice.				
Date of last	Calibration of	Secondary Fl	ow Devic	e:					
Described F	low at Data 9	Time Lieted A	hovo						
Recorded Fi	low at Date &	Time Listed A	dove:			(Facility Flow Meter)			
Calculated F	Flow at Date &	Time Listed	Above:						
(Flow is calculate	ed using flow charts	in: ISCO Open Ch	nannel Flow N	Measure	ement Handl	book-5 th Edition)			
	Recorded Val	ue - Calculated Value							
% Error =		alculated Valu			X 100				
		1 1							
% Error =		-			X 100				
0/ 5		V 400							
% Error = -	% Error = X 100								
0/ 5		V 400							
% Error =		X 100							
% Error =		%							
1	1	1 - 5							
Comments:									

DMR Calculation Check

Reporting Period: From 2007 10 01 To 2007 10 31 Year Month Day Year Month Day

Parameter Checked: BOD

Loading **Concentration** Mass **Monthly** Mo. Avg. - lbs/day Mo. Avg. - mg/l 7-day Avg. - mg/l **Reported Value:** 286 20.8 21.9 286 **Calculated Value:** 20.1 21.9 **30 Permit Value:** 626 45

If calculated value does not equal reported value, explain: <u>Differences due to rounding</u>

DMR Calculation Check

Reporting Period: From 2007 10 01 To 2007 10 31 Year Month Day Year Month Day

Parameter Checked: TSS

Loading **Concentration** Mass **Monthly** Mo. Avg. - lbs/day Mo. Avg. - mg/l 7-day Avg. - mg/l **Reported Value:** 615 44.7 49.3 615 49.3 **Calculated Value:** 45 **Permit Value:** 1877 90 135

If calculated value does not equal reported value, explain: Differences due to rounding