



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Washington, D.C. 20460

## NPDES Compliance Inspection Report

Form Approved  
OMB No. 2040-0003  
Approval Expires 7-31-85

### Section A: National Data System Coding

Transaction Code	NPDES	yr/mo/day	Inspec. Type	Inspector	Fac Type
1 <b>N</b> 2 <b>5</b> 3 <b>A R 0 0 2 1 5 8 0</b> 11 12 <b>0 7 0 5 1 0</b> 17 18 <b>C</b> 19 <b>S</b> 20 <b>1</b>					
Remarks					
<b>A F I N 4 7 - 0 0 1 4 8</b>					
Inspection Work Days	Facility Evaluation Rating	BI	QA	-----Reserved-----	
67 <input type="text"/> <input type="text"/> <input type="text"/> 69	70 <b>3</b>	71 <b>N</b>	72 <b>N</b>	73 <input type="text"/> <input type="text"/> <input type="text"/>	74 75 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 80

### Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) <b>City of Osceola WWTP South of Highway #140 West Osceola, AR</b>	Entry Time /Date <b>1300 / May 10, 2007</b>	Permit Effective Date <b>December 1, 2005</b>
	Exit Time/Date <b>1600 / May 10, 2007</b>	Permit Expiration Date <b>November 30, 2010</b>
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) <b>James N. Carlock / Superintendent / 870-622-5068 / 870-563-7460</b>		Other Facility Data 35.679614°N 90.038576°W
Name, Address of Responsible Official/Title/Phone and Fax Number <b>Dickie Kennemore / Mayor / 870-563-5102 P.O. Box 443 Osceola, AR 72370</b>		
<p style="text-align: center;">Contacted</p> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		

### Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

<b>S</b> Permit	<b>S</b> Flow Measurement	<b>U</b> Operations & Maintenance	<b>S</b> Sampling
<b>S</b> Records/Reports	<b>S</b> Self-Monitoring Program	<b>S</b> Sludge Handling/Disposal	<b>N</b> Pollution Prevention
<b>S</b> Facility Site Review	<b>N</b> Compliance Schedules	<b>N</b> Pretreatment	<b>N</b> Multimedia
<b>S</b> Effluent/Receiving Waters	<b>S</b> Laboratory	<b>N</b> Storm Water	<b>S</b> Other: Effluent Limits

### Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

Discharge Monitoring Reports for February, March and April 2007 were reviewed during the inspection. The effluent was determined to be in compliance with the permit limits. All items found to be out of compliance during the Inspection for 2006 appeared to have been corrected during the Inspection for 2007. The inspector observed plastics in the waste material draining from the dump station into Cell #1 of the treatment ponds. This was pointed out to Mr. James Carlock, Superintendent. A recommendation was made to install a filtering system to remove the plastics before the waste drains into Cell #1.

**\*\*The inspection revealed too many reeds and trees in the pond levees. This can damage the integrity of the levees. This is a violation of Part II, Section B, item 1, a, of the permit.**

Name(s) and Signature(s) of Inspector(s) <i>Mike Kennedy</i> Mike Kennedy	Agency/Office/Telephone/Fax ADEQ/Batesville/870-793-5819/870-793-5814	Date May 17, 2007
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date

**SECTION A - PERMIT VERIFICATION**

PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS  S  M  U  NA (FURTHER EXPLANATION ATTACHED No)  
 DETAILS:

- 1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE  Y  N  NA
- 2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES  Y  N  NA
- 3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT  Y  N  NA
- 4. ALL DISCHARGES ARE PERMITTED  Y  N  NA

**SECTION B - RECORDKEEPING AND REPORTING EVALUATION**

RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT.  S  M  U  NA (FURTHER EXPLANATION ATTACHED No)  
 DETAILS:

- 1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRs.  Y  N  NA
- 2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE.  S  M  U  NA
  - a) DATES, TIME(S) AND LOCATION(S) OF SAMPLING  Y  N  NA
  - b) NAME OF INDIVIDUAL PERFORMING SAMPLING  Y  N  N
  - c) ANALYTICAL METHODS AND TECHNIQUES.  Y  N  NA
  - d) RESULTS OF ANALYSES AND CALIBRATIONS.  Y  N  NA
  - e) DATES AND TIMES OF ANALYSES.  Y  N  NA
  - f) NAME OF PERSON(S) PERFORMING ANALYSES.  Y  N  NA
- 3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE. **Contract Laboratory**  S  M  U  NA
- 4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR.  S  M  U  NE
- 5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA.  Y  N  NA

**SECTION C - OPERATIONS AND MAINTENANCE**

TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED.  S  M  U  NA (FURTHER EXPLANATION ATTACHED Yes)  
 DETAILS:

- 1. TREATMENT UNITS PROPERLY OPERATED.  S  M  U  NA
- 2. TREATMENT UNITS PROPERLY MAINTAINED. **(Too many trees and reeds on pond levees)**  S  M  U  NA
- 3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED.  S  M  U  NA
- 4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE. **(Lift station manned 7 days/week)**  S  M  U  NA
- 5. ALL NEEDED TREATMENT UNITS IN SERVICE.  S  M  U  NA
- 6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED. **(1-Class I & 1-Class III)**  S  M  U  NA
- 7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED.  S  M  U  NE
- 8. OPERATION AND MAINTENANCE MANUAL AVAILABLE.  Y  N  NA
- STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED.  Y  N  NA
- PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED.  Y  N  NE

**SECTION C - OPERATIONS AND MAINTENANCE (CONT'D)**

9. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR? (January-07)  Y  N  NA  
 IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED?  Y  N  NA  
 HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS?  Y  N  NA

10. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT?  Y  N  NA  
 IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT?  Y  N  NA

**SECTION D - SELF-MONITORING**

PERMITTEE SELF-MONITORING MEETS PERMIT REQUIREMENTS.  S  M  U  NA (FURTHER EXPLANATION ATTACHED No).  
 DETAILS:

1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT.  Y  N  NA

2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES.  Y  N  NA

3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT.  Y  N  NA

4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT.  Y  N  NA

5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT.  Y  N  NA

6. SAMPLE COLLECTION PROCEDURES ADEQUATE  Y  N  NA

a) SAMPLES REFRIGERATED DURING COMPOSITING.  Y  N  NA

b) PROPER PRESERVATION TECHNIQUES USED.  Y  N  NA

c) CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136  Y  N  NA

7. IF MONITORING AND ANALYSES ARE PERFORMED MORE OFTEN THAN REQUIRED BY PERMIT, ARE THE RESULTS REPORTED IN PERMITTEE'S SELF-MONITORING REPORT?  Y  N  NA

**SECTION E - FLOW MEASUREMENT**

PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS.  S  M  U  NA (FURTHER EXPLANATION ATTACHED No)  
 DETAILS:

1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED.  Y  N  NA  
 TYPE OF DEVICE Controlatron Ultrasonic Doppler Flowmeter System 100 (Newly installed and tested 5-10-07)

2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED.  Y  N  NA

3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED.  Y  N  NA

4. CALIBRATION FREQUENCY ADEQUATE. (DATE OF LAST CALIBRATION May 10, 2007)  Y  N  NA  
 RECORDS MAINTAINED OF CALIBRATION PROCEDURES.  Y  N  NA  
 CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE.  Y  N  NA

5. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE.  Y  N  NA

6. HEAD MEASURED AT PROPER LOCATION.  Y  N  NA

7. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES.  Y  N  NA

**SECTION F - LABORATORY**

PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS.  S  M  U  NA (FURTHER EXPLANATION ATTACHED Yes)  
 DETAILS:

1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(b) FOR SLUDGES)  Y  N  NA

**SECTION F - LABORATORY (CONT'D)**

2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED  Y  N  NA
3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT.  S  M  U  NA
4. QUALITY CONTROL PROCEDURES ADEQUATE.  S  M  U  NA
5. DUPLICATE SAMPLES ARE ANALYZED, 10 % OF THE TIME.  Y  N  NA
6. SPIKED SAMPLES ARE ANALYZED, 10 % OF THE TIME.  Y  N  NA
7. COMMERCIAL LABORATORY USED. (State certified)  Y  N  NA

LAB NAME Environmental Testing and Consulting (ETC)  
 LAB ADDRESS 2790 Whitten Rd., Memphis, TN 38133  
 PARAMETERS PERFORMED Acute Toxicity

**SECTION G - (EFFLUENT)/RECEIVING WATERS OBSERVATIONS.**  S  M  U  NA (FURTHER EXPLANATION ATTACHED No).

**Based on visual observations only.**

OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOAT SOL.	COLOR	OTHER
001	--	--	--	--	--	--	

Comments: **No discharge at the time of the inspection.**

**SECTION H - SLUDGE DISPOSAL**

- SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS.  S  M  U  NA (FURTHER EXPLANATION ATTACHED No).  
 DETAILS: **(Sludge remains in the ponds)**
1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY.  S  M  U  NA
2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503.  S  M  U  NA
3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: (e.g., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE)

**SECTION I - SAMPLING INSPECTION PROCEDURES** (FURTHER EXPLANATION ATTACHED No).

1. SAMPLES OBTAINED THIS INSPECTION.  Y  N  NA
2. TYPE OF SAMPLE OBTAINED  
 GRAB \_\_\_\_\_ COMPOSITE SAMPLE \_\_\_\_\_ METHOD \_\_\_\_\_ FREQUENCY \_\_\_\_\_
3. SAMPLES PRESERVED.  Y  N  NA
4. FLOW PROPORTIONED SAMPLES OBTAINED.  Y  N  NA
5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE.  Y  N  NA
6. SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE.  Y  N  NA
7. SAMPLE SPLIT WITH PERMITTEE.  Y  N  NA
8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED.  Y  N  NA
9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT.  Y  N  NA

**FLOW CALCULATION SHEET**

Field Data: Date May 10, 2007 Time No discharge at time of inspection

Head in Inches \_\_\_\_\_ = \_\_\_\_\_

Type & Size of Primary Flow Measurement Device

Doppler Flowmeter

Name & Model of Secondary Flow Measurement Device

N/A

Recorded Flow at date & time listed above \_\_\_\_\_

Flows are calculated from flow charts taken from the ISCO Open Channel Flow Measurement Handbook-5th Edition

$$\% \text{ error} = \frac{(\text{recorded value} - \text{calculated value})}{\text{calculated value}} \times 100$$

$$\% \text{ error} = \text{_____} \times 100 =$$

$$\% \text{ error} =$$

DMR Calculation Check

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

Parameter Checked: TSS

Monthly	Mass	Loading		Concentration	
		Monthly	Mo. Avg.-lbs/ day	(Daily)	Daily Max.
	Reported Value:	423		16.9	17.0
	Calculated Value:	423		16.97	17.0
	Permit Value:	1877		90	135

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

**NPDES Compliance Inspection Report  
Further Explanation**

**Page 2 of 4 Trees and reeds were observed in the pond levees. Part II, Section B, item 1, a, of the permit.**

**Section B**

**Detail 2**







# ADEQ

ARKANSAS  
Department of Environmental Quality

May 23, 2007

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

RE: Wastewater Treatment Plant

AFIN: 47-00148

NPDES Permit No.: AR0021580

Dear Mr. Kennemore:

On May 10, 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. This inspection revealed the following violation:

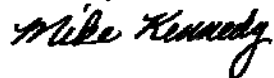
**Improper operation and maintenance:** This is a violation of Part II, Section B, item 1, a, of the permit. The inspection revealed trees and reeds growing along the pond levees.

The inspector observed plastics in the waste material draining from the dump station into Cell #1 of the treatment ponds. This was brought to the attention of Mr. James Carlock, Superintendent. A recommendation was made to install a filtering system to remove the plastics before the waste drains into Cell #1.

The above item requires your immediate attention. Please submit a written response to this finding to the NPDES Enforcement Section of this Department. This response should contain documentation describing the course of action taken to correct the item noted. This corrective action should be completed as soon as possible, and the written response is due by June 11, 2007.

If I can be any assistance, please contact me at 870-793-5819.

Sincerely,





Mike Kennedy  
District Field Inspector  
Water Division


cc: **Water Division Enforcement Branch**  
**Water Division Permit Branch**

WATER DIVISION

## Arkansas Department of Environmental Quality (ADEQ) Official Photograph Sheet

<b>Location:</b>		Osceola WWTP ponds approximately 1/2 mile south of Highway #140 and approximately 1.5 miles West of Osceola, Arkansas (Mississippi County)						
<b>Photographer:</b>		Mike Kennedy			<b>Witness:</b>		James Carlock	
<b>Photo #</b>	1	<b>Of</b>	4		<b>Date:</b>	5-10-07	<b>Time:</b>	1532
<b>Description:</b>								
<p>This picture shows the septic waste dump station at the Osceola treatment ponds. The treatment pond in the background is Cell #1.</p>								
<b>Photographer:</b>		Mike Kennedy			<b>Witness:</b>		James Carlock	
<b>Photo #</b>	2	<b>Of</b>	4		<b>Date:</b>	5-10-07	<b>Time:</b>	1532
<b>Description:</b>								
<p>This picture shows the drain pipe leading from the dump station to the treatment pond known as Cell #1.</p>								

**Arkansas Department of Environmental Quality (ADEQ)  
Official Photograph Sheet**

<b>Location:</b>		Osceola WWTP ponds approximately 1/2 mile south of Highway #140 and approximately 1.5 miles West of Osceola, Arkansas (Mississippi County)						
<b>Photographer:</b>		Mike Kennedy			<b>Witness:</b>		James Carlock	
<b>Photo #</b>	3	<b>Of</b>	4		<b>Date:</b>	5-10-07	<b>Time:</b>	1533
<b>Description:</b>								
<p>This picture shows plastics and other solid waste that flows out of the drain pipe onto the ground before the liquid drains into Cell #1.</p>								
<b>Photographer:</b>		Mike Kennedy			<b>Witness:</b>		James Carlock	
<b>Photo #</b>	4	<b>Of</b>	4		<b>Date:</b>	5-10-07	<b>Time:</b>	1534
<b>Description:</b>								
<p>This picture is another view of the waste flow from the dump station into Cell #1.</p>		