



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

**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											
1   N   2   5   3   A   R   0   0   2   1   7   3   3   11   12   0   7   0   4   1   8   17   18   C   19   S   20   1																												
Remarks																												
A   F   I   N   6   7   -   0   0   0   2   3																												
Inspection Work Days						Facility Evaluation Rating						BI		QA		-----Reserved-----												
67   .8   69						70   5						71   N		72   N		73   74   75   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) City of DeQueen Wastewater Treatment Plant Located at the south end of South 9 <sup>th</sup> Street	Entry Time /Date 1000 / 4-18-07	Permit Effective Date 10-31-02
	Exit Time/Date 1615 / 4-18-07	Permit Expiration Date 12-31-07
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Mike Sims / Wastewater Superintendent / 870-642-5231	Other Facility Data	
Name, Address of Responsible Official/Title/Phone and Fax Number Mike Sims / Wastewater Superintendent / 870-642-5231 City of DeQueen PO Box 730 DeQueen, AR 71832	Contacted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

**Section C: Areas Evaluated During Inspection**

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

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

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

No violations noted at the time of the inspection.

The facility has started construction on the renovations to the plant. The Small Site Notice was posted as required, the SWPPP was on site, and BMP's were in place. This work had just started in the previous 2 weeks.

Name(s) and Signature(s) of Inspector(s)  Red Smith	Agency/Office/Telephone/Fax  ADEQ / District 10 / 870-777-7585 / 870-777-7560	Date  April 20, 2007
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date

**SECTION A - PERMIT VERIFICATION**

PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS DETAILS:  S  M  U  NA (FURTHER EXPLANATION ATTACHED \_\_)

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. DETAILS:  S  M  U  NA (FURTHER EXPLANATION ATTACHED \_\_)

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  NA

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.  S  M  U  NA

4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR.  S  M  U  NA

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. DETAILS:  S  M  U  NA (FURTHER EXPLANATION ATTACHED \_\_)

1. TREATMENT UNITS PROPERLY OPERATED.  S  M  U  NA

2. TREATMENT UNITS PROPERLY MAINTAINED.  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.  S  M  U  NA

5. ALL NEEDED TREATMENT UNITS IN SERVICE.  S  M  U  NA

6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED.  S  M  U  NA

7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED.  S  M  U  NA

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  NA

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

9. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR?  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 \_\_\_).  
 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 \_\_\_ )  
 DETAILS:

1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED.  Y  N  NA  
 TYPE OF DEVICE 12" Parshall Flume
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 8-17-06)  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 \_\_\_)  
 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.  Y  N  NA

LAB NAME Arkansas Analytical  
 LAB ADDRESS Bld 1, Suite 115 I-30 Little Rock, AR  
 PARAMETERS PERFORMED Bio-Monitoring, NH3

**SECTION G - EFFLUENT/RECEIVING WATERS OBSERVATIONS.**  S  M  U  NA (FURTHER EXPLANATION ATTACHED

**Based on visual observations only.**

OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOAT SOL.	COLOR	OTHER
001	NONE	NONE	NONE	SLIGHT	None	Very light green	NA

Comments:

**SECTION H - SLUDGE DISPOSAL**

- SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS.  S  M  U  NA (FURTHER EXPLANATION ATTACHED   ).  
 DETAILS:
- 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: NA (e.g., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE)

**SECTION I - SAMPLING INSPECTION PROCEDURES** (FURTHER EXPLANATION ATTACHED   ).

- 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

**AR0021733**  
**DATE 4-18-07**  
**Attachment # 1**

## FLOW CALCULATION SHEET

Field Data: Date 4-18-07 Time 1341

Head in Inches 11.5 = .96 ft.

Type & Size of Primary Flow Measurement Device \_\_\_\_\_  
12 Inch Parshall Flume

Name & Model of Secondary Flow Measurement Device  
**Poly Sonics ERS91**

Recorded Flow at date & time listed above **2.446 MGD**

*Flows are calculated from flow charts taken from the ISCO Open Channel Flow Measurement Handbook*

.96 ft. = 2.429 M.G.D.

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

% error =  $\frac{2.446 - 2.429}{2.429} \times 100$

% error = .00699 x 100 = .69

**% error = .69**

## DMR Calculation Check

Reporting Period: From 06 11 01 To 06 11 30  
Year Month Day Year Month Day

Parameter Checked: TSS

	<b>Loading Mass Monthly Avg. (lbs/ day)</b>	<b>Concentration Monthly Avg.-Mg/l</b>	<b>7-day Avg- Mg/l</b>
<b>Reported Value:</b>	156.0	7.60	9.00
<b>Calculated Value:</b>	156.0	7.60	9.00
<b>Permit Value:</b>	425	15	23

If calculated value does not equal reported value, explain: SAME

# ADEQ

A R K A N S A S  
Department of Environmental Quality

April 20, 2007

Mike Sims  
Wastewater Superintendent  
City of DeQueen  
PO Box 730  
DeQueen, AR 71832

Re: AFIN No.: 67-00023

NPDES Permit No.: AR00021733

Dear Mr. Sims:

On April 18, 2007, I performed a routine inspection of your 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 that you are in compliance with terms of your permit.

If I can be of any assistance, please contact me at 870-777-7585.

Sincerely,



Red Smith  
District 10 Inspector  
Water Division

cc: Permits Branch  
Enforcement Branch