

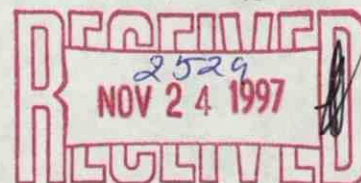


STATE OF ARKANSAS  
DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY

8001 NATIONAL DRIVE, P.O. BOX 8913  
LITTLE ROCK, ARKANSAS 72219-8913  
PHONE: (501) 682-0656  
FAX: (501) 682-0910



November 24, 1997



The Honorable John Ballentine  
Mayor, City of Alma  
804 Fayetteville Avenue, Suite A  
Alma, AR 72921

NPDES COMPLIANCE FILES  
NPDES # AR0021466  
\_\_\_\_ DMR'S  
\_\_\_\_ NCR  
 CORRESPONDENCE  
\_\_\_\_ CRAS

Re: CSN; 17-0059; NPDES Permit No.: AR0021466

Dear Mayor Ballentine:

On November 10, 1997, I performed a routine compliance inspection of the City of Alma 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:

1. Analysis records on pH conducted at the POTW are not adequate. Specifically, the two buffers used for calibration of the meter are not recorded, the time of analysis is not recorded, and the individual performing the analysis is not recorded.

The above item requires your immediate attention. Please submit a written response to this finding to the NPDES Enforcement Section of this Department when the violation has been corrected. 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 December 22, 1997.

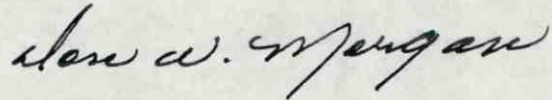
As per my discussion with Mr. Beaumont, the POTW experiences manhole overflows from time to time due to I&I in the collection system. The overflows have not been eliminated as of this date. However, some money has been allocated for sewer repair and some repairs are being made.

Also, the rectangular weir flow device floods and the totalizer reads at maximum during significant rainfall events making flow measurements impossible. It is my understanding that the POTW intends to replace the effluent line from the flow device to the river in early 1998 which should correct the problem.

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If I can be any assistance, please contact me at 501-927-3257, Ext. 13.

Sincerely,

A handwritten signature in cursive script that reads "Don W. Morgan".

Don W. Morgan  
District Field Inspector  
Water Division

DWM/dwm

*dwm*  
cc: NPDES Branch



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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					
N	2	5	3	A	R	0	0	2	1	4	6	6	11	12	9	7	1	1	1	0	17	18	C	19	S	20	1
Remarks																											
M a j o r M u n i c i p a l 9 2 - 5 0 0																											
Inspection Work Days						Facility Evaluation Rating						BI		QA		Reserved											
67						70						71		72		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)		Entry Time /Date 9:30 AM 11/10/97		Permit Effective Date 9/1/97	
City of Alma POTW Orrick St off Airport St. on East side of Alma. Alma, AR		Exit Time/Date 2:30 PM 11/10/97		Permit Expiration Date 8/31/2002	
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Kevin Beaumont/Public Works Director/(501) 632-2267 N/A Jay Cristello/Operations Supervisor/(501) 632-2267/ N/A Charles Fondren/Assistant Wastewater Operator/(501) 632-2267/ N/A				Other Facility Data	
Name, Address of Responsible Official/Title/Phone and Fax Number John Ballentine/Mayor 804 Fayetteville Avenue, Suite A Alma, AR 72921				Contacted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

### Section C: Areas Evaluated During Inspection (S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

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

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

Discharge monitoring reports for July, August, and September 1997 and related data for September were reviewed. No excursions of permit limits were noted. The effluent flow device was flooded which prevented a flow check from being conducted. Flow checks conducted by the POTW indicated the device was within the allowable 10% error.

Name(s) and Signature(s) of Inspector(s) Don W. Morgan <i>Don W. Morgan</i>	Agency/Office/Telephone/Fax ADPC&E/Fayetteville/(501) 442-4802/(501) 442-9001	Date 11/12/97
Signature of Management QA Reviewer	Agency/Office/Phone and Fax Numbers	Date





**SECTION A - PERMIT VERIFICATION**PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS  
DETAILS: S  M  U  NA (FURTHER EXPLANATION ATTACHED No)

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 Yes)

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. (Ph meter calibration at the POTW)  Y  N  NA
- e) DATES AND TIMES OF ANALYSES. (Time of Ph analysis at the POTW)  Y  N  NA
- f) NAME OF PERSON(S) PERFORMING ANALYSES. (Ph analysis at the POTW)  Y  N  NA
3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE. (Ph meter Calibration)  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 yes)

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 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 136.3.  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**

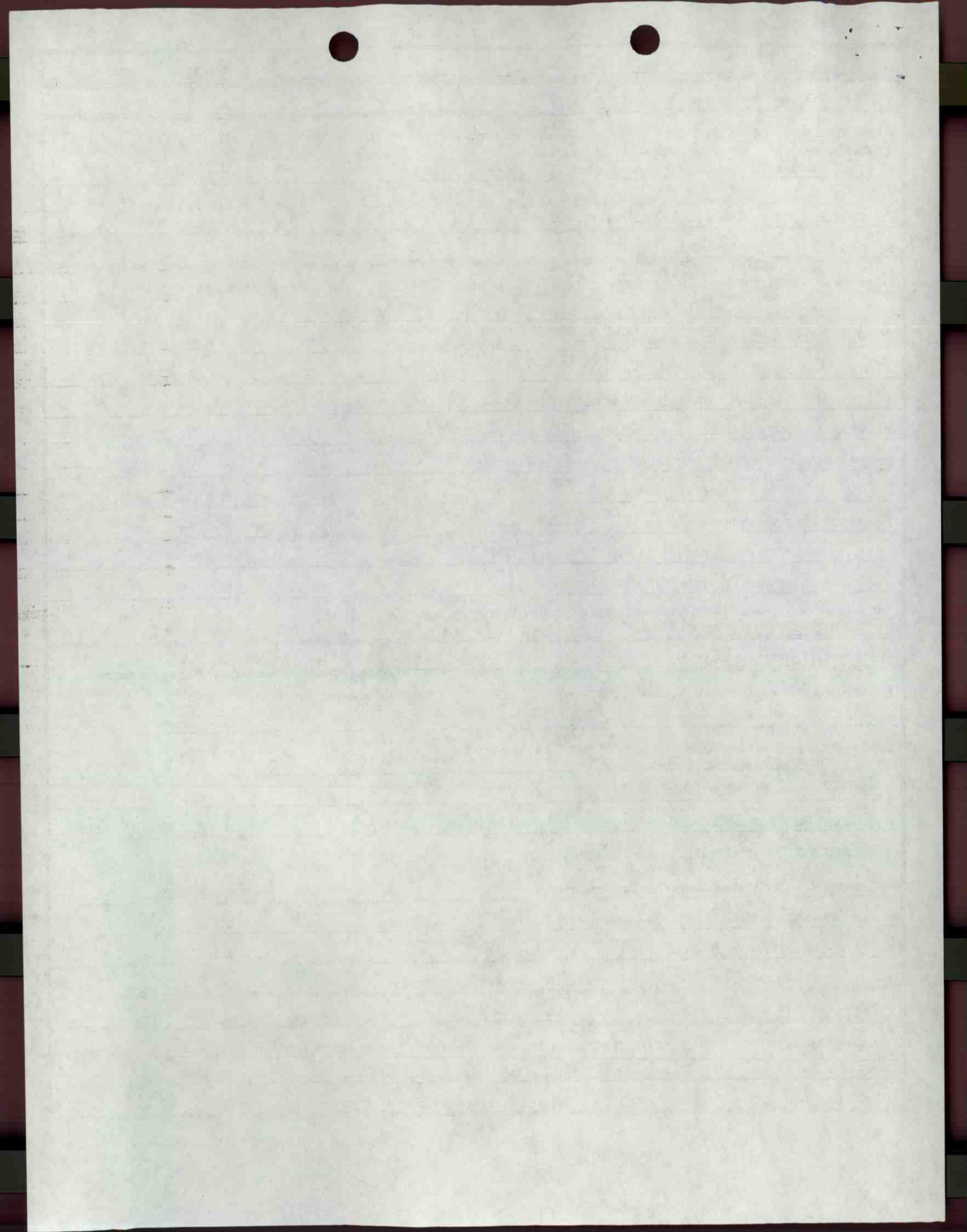
PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS.  S  M  U  NA (FURTHER EXPLANATION ATTACHED Yes.)  
 DETAILS:

1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED.  Y  N  NA  
 TYPE OF DEVICE Rectangular Weir with end contractions
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 5/3/97)  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 No.)  
 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. 17 % OF THE TIME.  Y  N  NA
6. SPIKED SAMPLES ARE ANALYZED.     % OF THE TIME.  Y  N  NA
7. COMMERCIAL LABORATORY USED.  Y  N  NA

LAB NAME Data TestingLAB ADDRESS 3434 Country Club, Fort Smith, AR 72903PARAMETERS PERFORMED BOD, TSS, Fecal Coliform**SECTION G - EFFLUENT/RECEIVING WATERS OBSERVATIONS.**  S  M  U  NA (FURTHER EXPLANATION ATTACHED No).

OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOAT SOL.	COLOR	OTHER
001	None	None	Slight	Trace	None	V. Light Brown	

RECEIVING WATER OBSERVATIONS Not Observed**SECTION H - SLUDGE DISPOSAL**SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS.  S  M  U  NA (FURTHER EXPLANATION ATTACHED No).  
DETAILS:

1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY.  S  M  U  NA
2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503. (No sludge has been removed/Lagoons and overland flow)  S  M  U  NA
3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: N/A (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 (Fecal Coliform) 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 MATURE 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

DMR Calculation Check

Reporting Period: From 1997 September 1 To 1997 September 30  
Year Month Day Year Month Day

Parameter Checked: BOD

	<u>Quantity</u>		<u>7 Day Avg</u>
	<u>Min- Mg/L</u>	<u>Avg-Mg/L</u>	<u>Max-Mg/l</u>
Reported Value:	N/A	8.78	16.66
Calculated Value:	N/A	8.78	16.66
Permit Value:	N/A	30	45

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



NPDES Compliance Inspection Report  
Further Explanation

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Section B Part -

Detail 2 d, e, f and 3

- 2 d, e, f) Analysis records on pH conducted at the POTW are not adequate. Specifically, the two buffers used for calibration of the pH meter are not recorded, the time of analysis is not recorded, and the individual performing the analysis is not recorded.
- 3) Calibration records on the pH meter at the POTW are inadequate.

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Section C Part -

Detail 9

- 9) The POTW experiences manhole overflows from time to time due to I&I in the collection system. The overflows have not been eliminated as of this date, but some money has been allocated for sewer rehabilitation and some repairs are being made.

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Section E Part -

Detail 7

7. The rectangular weir flow device floods and the totalizer reads at maximum during significant rainfall events making flow measurements impossible. The POTW intends to replace the effluent line from the flow device to the river in early 1998.

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Section      Part -

Detail