



ARKANSAS
Department of Environmental Quality

October 18, 2007

Mr. Donald Knight, Manager
Heber Springs Water and Sewer
1101 West Front Street
Heber Springs, AR 72543

RE: Compliance Inspection

AFIN: 12-00029

NPDES Permit No.: AR0022381

Dear Knight:

On September 27, 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 violations:

There was distinctly visible foam on top of the water from where the plant outfall dumps into Sulfur Creek all the way to where the creek flows into Little Red River located approximately ½ East of the plant. This is a violation of Part I A, Section A, of the permit.

The above items require your immediate attention. Please submit a written response to these findings to the Water Division Enforcement Section of this Department at the following address:

Water Division Enforcement Section
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

This response should contain detailed documentation describing the course of action taken to correct the items noted. This corrective action should be completed as soon as possible, and the written response is due by November 9, 2007.

For additional information you may contact the enforcement section by telephone at 501-682-0639 or by fax at 501-682-0910.

Donald Knight, Heber Springs Water and Sewer
October 18, 2007
Page 2

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

Sincerely,

A handwritten signature in black ink that reads "Mike Kennedy". The signature is written in a cursive style with a prominent loop at the end of the last name.

Mike Kennedy
District 11 Field Inspector
Water Division

cc: Water Division Enforcement Branch
Water Division Permits Branch

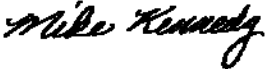
 <p style="text-align: center;">UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Washington, D.C. 20460</p> <h2 style="text-align: center;">NPDES Compliance Inspection Report</h2>	Form Approved OMB No. 2040-0003
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Section A: National Data System Coding																													
Transaction Code			NPDES								Yr/Mo/Day				Inspec. Type		Inspector		Fac. Type										
1	N	2	5	3	A	R	0	0	2	2	3	8	1	11	12	0	7	0	9	2	7	17	18	C	19	S	20	1	
Remarks																													
Inspection Work Days						Facility Evaluation Rating				BI		QA		-----Reserved-----															
67						70	3	71	N	72	N	73			74	75													80

Section B: Facility Data					
Name and Location of Facility Inspected (<i>For industrial users discharging to POTW, also include POTW name and NPDES permit number</i>) Heber Springs Water & Sewer 1174 By-Pass Road Heber Springs, AR 72543	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Entry Time/Date 0945 9/27/07</td> <td style="width:50%;">Permit Effective Date July 1, 2002</td> </tr> <tr> <td>Exit Time/Date 1545 9/27/07</td> <td>Permit Expiration Date June 30, 2007</td> </tr> </table>	Entry Time/Date 0945 9/27/07	Permit Effective Date July 1, 2002	Exit Time/Date 1545 9/27/07	Permit Expiration Date June 30, 2007
Entry Time/Date 0945 9/27/07	Permit Effective Date July 1, 2002				
Exit Time/Date 1545 9/27/07	Permit Expiration Date June 30, 2007				
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Mr. Steve Upton / Operator-Lab Tech / 501-362-3375 / 501-362-3338 Mr. Sam Querry / Supervisor-Operator / Cell 501-250-6225	Other Facility Data N35°29'11.350" W91°58'59.654"				
Name, Address of Responsible Official/Title/Phone and Fax Number Mr. Donald Knight / Water and Sewer Manager / 501-362-3422 1101 Front Street Heber Springs, AR 72543	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	S	Flow Measurement	M	Operations & Maintenance	S	Sampling
S	Records/Reports	S	Self-Monitoring Program	S	Sludge Handling/Disposal	N	Pollution Prevention
S	Facility Site Review	S	Compliance Schedules	N	Pretreatment	N	Multimedia
U	Effluent/Receiving Waters	S	Laboratory	N	Storm Water	N	Other:

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)
DMR's were reviewed for the months of April, May, June, July and August, 2007. On the date of the inspection, foam was still visible on top of the water from the plant outfall as the effluent dumps into Sulfur Creek all the way to where the creek flows into Little Red River approximately 1/2 mile to the East. This is violation of Part I A, Section A, of the permit. The permit states there shall be no discharge of distinctly visible solids, scum or foam of a persistent nature, nor shall there be any formation of slime, bottom deposits or sludge banks.

Name(s) and Signature(s) of Inspector(s)  Mike Kennedy	Agency/Office/Telephone/Fax AR Dept. of Environmental Quality-Batesville 870-793-5819 / 870-793-5814	Date October 13, 2007
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date

SECTION A: PERMIT VERIFICATION

PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS

S M U NA NE

DETAILS:

- | | |
|--|--|
| 1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 4. ALL DISCHARGES ARE PERMITTED: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> 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: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE: | <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| a. DATES AND TIME(S) OF SAMPLING: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| b. EXACT LOCATION(S) OF SAMPLING: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| c. NAME OF INDIVIDUAL PERFORMING SAMPLING: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| d. ANALYTICAL METHODS AND TECHNIQUES: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| e. RESULTS OF CALIBRATIONS: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| f. RESULTS OF ANALYSES: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| g. DATES AND TIMES OF ANALYSES: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| h. NAME OF PERSON(S) PERFORMING ANALYSES: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE: | <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR: | <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |

SECTION C: OPERATIONS AND MAINTENANCE

TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED

S M U NA NE

DETAILS:

- | | |
|--|---|
| 1. TREATMENT UNITS PROPERLY OPERATED: (Foam coming from the outfall, not dissipating, visible all the way to Little Red River) | <input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 2. TREATMENT UNITS PROPERLY MAINTAINED: | <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED: <u>(No standby power, facility has storage ponds)</u> | <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE: <u>(Alarm system at each lift station)</u> | <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 5. ALL NEEDED TREATMENT UNITS IN SERVICE: | <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED: <u>(1 Class IV, 2 Class III, 1 Class II)</u> | <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED: | <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 8. OPERATION AND MAINTENANCE MANUAL AVAILABLE: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 10. PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 11. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR: | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 14. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT: | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |

SECTION D: SAMPLING

PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS

S M U NA NE

DETAILS:

1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
6. SAMPLE COLLECTION PROCEDURES ADEQUATE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. SAMPLES REFRIGERATED DURING COMPOSITING:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
b. PROPER PRESERVATION TECHNIQUES USED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
c. CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
7. IF MONITORING IS PERFORMED MORE OFTEN THAN REQUIRED ARE RESULTS REPORTED ON THE DMR:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

SECTION E: FLOW MEASUREMENT

PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS

S M U NA NE

DETAILS:

1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: 12 inch Turbine TYPE OF DEVICE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. CALIBRATION FREQUENCY ADEQUATE: <u>(New 12 inch Turbine installed 9-26-07)</u>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
5. RECORDS MAINTAINED OF CALIBRATION PROCEDURES:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
6. CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
7. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
8. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
9. HEAD MEASURED AT PROPER LOCATION:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> 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) :	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. QUALITY CONTROL PROCEDURES ADEQUATE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
5. DUPLICATE SAMPLES ARE ANALYZED \geq 100% OF THE TIME:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
6. SPIKED SAMPLES ARE ANALYZED \geq 0% OF THE TIME: (No spikes done, Ammonia not checked)	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
7. COMMERCIAL LABORATORY USED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. LAB NAME: <u>American Interplex Corporation</u>	
b. LAB ADDRESS: <u>8000 Kanis Road , Little Rock, AR 72204</u>	
c. PARAMETERS PERFORMED: <u>Biomonitoring</u>	
8. BIOMONITORING PROCEDURES ADEQUATE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. PROPER ORGANISMS USED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
b. PROPER DILUTION SERIES FOLLOWED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
c. PROPER TEST METHODS AND DURATION:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS

BASED ON VISUAL OBSERVATIONS ONLY S M U NA NE

DETAILS: **Visible foam at outfall, visible all the way to Little Red River approx. 1/2 mile away.**

OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER
002	None	None	Slight	Yes	No	Light Green	

SECTION H: SLUDGE DISPOSAL

SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS S M U NA NE

DETAILS:

- | | |
|---|---|
| 1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY: | <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503: | <input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: (E.G., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE): | |

SECTION I: SAMPLING INSPECTION PROCEDURES

SAMPLE RESULTS WITHIN PERMIT REQUIREMENTS S M U NA NE

DETAILS: **(City has permit to land apply – No sludge disposed since plant constructed)**

- | | |
|--|--|
| 1. SAMPLES OBTAINED THIS INSPECTION: | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 2. TYPE OF SAMPLE: <input type="checkbox"/> GRAB:__ <input type="checkbox"/> COMPOSITE:__ METHOD:__ FREQUENCY: | |
| 3. SAMPLES PRESERVED: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 4. FLOW PROPORTIONED SAMPLES OBTAINED: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 6. SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 7. SAMPLE SPLIT WITH PERMITTEE: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |

SECTION J: STORM WATER POLLUTION PREVENTION PLAN

STORM WATER MANAGEMENT MEETS PERMIT REQUIREMENTS S M U NA NE

DETAILS:

- | | |
|--|--|
| 1. SWPPP UPDATED AS NEEDED:__ DATE OF LAST UPDATE: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 2. SITE MAP INCLUDING ALL DISCHARGES AND SURFACE WATERS: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 3. POLLUTION PREVENTION TEAM IDENTIFIED: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 4. POLLUTION PREVENTION TEAM PROPERLY TRAINED: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 5. LIST OF POTENTIAL POLLUTANT SOURCES: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 6. LIST OF POTENTIAL SOURCES AND PAST SPILLS AND LEAKS: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 7. ALL NON-STORM WATER DISCHARGES ARE AUTHORIZED: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 8. LIST OF STRUCTURAL BMPS: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 9. LIST OF NON-STRUCTURAL BMPS: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 10. BMPS PROPERLY OPERATED AND MAINTAINED: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |
| 11. INSPECTIONS CONDUCTED AS REQUIRED: | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE |

FLOW CALCULATION SHEET

Date:	9-27-07	Time:	1545	
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Head in Inches:		Feet:		
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Type & Size of Primary Flow Measurement Device: 12 inch Turbine, Rockwell Flow Meter

Name & Model of Secondary Flow Measurement Device:	None
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Date of last Calibration of Secondary Flow Device: N/A

Recorded Flow at Date & Time Listed Above:	1.98 MGD	(Facility Flow Meter)
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Calculated Flow at Date & Time Listed Above:	N/A	
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(Flow is calculated using flow charts in: ISCO Open Channel Flow Measurement Handbook-5th Edition)

% Error =	$\frac{\text{Recorded Value} - \text{Calculated Value}}{\text{Calculated Value}}$	X 100	
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% Error =	$\frac{\quad - \quad}{\quad}$	X 100	
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% Error =	$\frac{\quad - \quad}{\quad}$	X 100	
-----------	-------------------------------	-------	--

% Error =	$\frac{\quad - \quad}{\quad}$	X 100	
-----------	-------------------------------	-------	--

% Error =	$\frac{\quad - \quad}{\quad}$	%	
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Comments:	
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DMR Calculation Check

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

Parameter Checked: TSS

	Loading Mass	Concentration	
	Mo. Avg. - lbs/day	Mo. Avg. - mg/l	7-day Avg. - mg/l
Reported Value:	<u>163.77</u>	<u>13.52</u>	<u>17.67</u>
Calculated Value:	<u>163.76</u>	<u>13.54</u>	<u>17.67</u>
Permit Value:	<u>292</u>	<u>20</u>	<u>30</u>

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

NPDES Compliance Inspection Report Further Explanation

Section C

Item #1 : Foam coming from the outfall of the waste water treatment plant where the effluent was dumping into Sulfur Creek, was still visible on top of the water where Sulfur Creek flows into Little Red River approximately ½ mile East. This is a violation of Part I A, Section A, of the permit. The permit states that there shall be no discharge of distinctly visible solids, scum or foam of a persistent nature, nor shall there be any formation of slime, bottom deposits or sludge banks.

Water Division NPDES Photographic Evidence Sheet

Location:	Approximately 1.5 miles southeast of Heber Springs, Arkansas on Highway #25 By-Pass (Cleburne County)
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Photographer:	Mike Kennedy	Witness:	Steve Upton
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Photo #	1	Of	4	Date:	9-27-07	Time:	
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Description:	Note the foam coming out of the outfall into Sulfur Creek from Heber Springs WWTP.
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Photographer:	Mike Kennedy	Witness:	Steve Upton
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Photo #	2	Of	4	Date:	9-27-07	Time:	1405
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Description:	Note, the foam does not dissipate, but stays on top of the water.
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Water Division NPDES Photographic Evidence Sheet

Location:	Approximately 1.5 miles southeast of Heber Springs, Arkansas on Highway #25 By-Pass (Cleburne County)
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Photographer:	Mike Kennedy	Witness:	Steve Upton
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Photo #	3	Of	4	Date:	9-27-07	Time:	1405
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Description:	This is another view of the creek showing that the foam is not dissipating even several yards away from the outfall.
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Photographer:	Mike Kennedy	Witness:	None
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Photo #	4	Of	4	Date:	9-27-07	Time:	1445
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Description	Foam still visible approx. 1/2 mi. from the plant where Sulfur Creek flows into Little Red River.
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