

# ADEQ

ARKANSAS  
Department of Environmental Quality

January 7, 2010

Duane Allen, Director of Public Works  
City of Eureka Springs  
3174 E. Van Buren  
Eureka Springs , AR 72632

RE: AFIN: 08-00036      NPDES Permit No.: AR0021865

Dear Mr. Allen:

On December 31, 2009, I performed a reconnaissance 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:

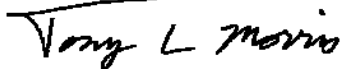
1. The plant was violating Part 1 Section A of the facility Permit. The effluent limitations and monitoring requirements of the permit were being violated by discharging effluent to Leatherwood Creek with distinctly visible solids, floating grease and sludge banks.
2. Part II Section C.6 requires the permittee to report any noncompliance which may endanger health or the environment. An oral report to the Director is required within 24 hours and a written report is required within 5 days of the time the permittee becomes aware of the circumstances. No report of noncompliance was received by the Department.

The above items require your immediate attention. You must submit a written response to the findings to the Attention of Cindy Garner, Water Division Enforcement Branch Manager of ADEQ.

This response must contain detailed documentation describing the course of action taken to correct the violations noted. This corrective action should be completed as soon as possible, and the written response is due by January 18, 2010. For additional information you may contact the enforcement section by telephone at 501-682-0639 or by fax at 501-682-0910.

If you have any questions concerning this correspondence you may contact me at 870-446-2770 or by e-mail at [morris@adeq.state.ar.us](mailto:morris@adeq.state.ar.us).

Sincerely,



Tony L. Morris  
District 2 Field Inspector  
ADEQ Water Division

cc:      Water Division Permits Branch  
            Water Division Enforcement Branch



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

## NPDES Compliance Inspection Report

Form Approved  
OMB No. 2040-0003

### 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 8 6 5</b> 11 12 <b>0 9 1 2 3 1</b> 17 18 <b>R</b> 19 <b>S</b> 20 <b>1</b>	Remarks																								
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">0</td><td style="width:10%;">8</td><td style="width:10%;">-</td><td style="width:10%;">0</td><td style="width:10%;">0</td><td style="width:10%;">0</td><td style="width:10%;">3</td><td style="width:10%;">6</td><td style="width:10%;"></td><td style="width:10%;"></td><td style="width:10%;"></td><td style="width:10%;"></td><td style="width:10%;"></td><td style="width:10%;"></td><td style="width:10%;"></td><td style="width:10%;"></td><td style="width:10%;"></td><td style="width:10%;"></td><td style="width:10%;"></td><td style="width:10%;"></td> </tr> </table>						0	8	-	0	0	0	3	6												
0	8	-	0	0	0	3	6																		
Inspection Work Days		Facility Evaluation Rating		BI		QA		-----Reserved-----																	
67 <b>  </b> 69		70 <b>2</b>		71 <b>N</b>		72 <b>N</b>		73 <b>  </b> 74 75 <b>  </b> 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> ) <b>The City of Eureka Springs POTW is located at 100 Hwy 23 north of town in Carroll County.</b>	Entry Time/Date <b>11:20 December 31, 2009</b>	Permit Effective Date <b>December 1, 2007</b>
	Exit Time/Date <b>12:15 December 31, 2009</b>	Permit Expiration Date <b>November 30, 2012</b>
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) <b>Mike Wegrzyn, Plant Operator 479-253-7410</b>	Other Facility Data <b>N 36.4196 W 93.7346</b>	
Name, Address of Responsible Official/Title/Phone and Fax Number <b>Duane Allen, Director of Public Works City of Eureka Springs 3174 E. Van Buren Eureka Springs, AR 72632 Phone: 479-253-9600</b>	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	U	Flow Measurement	U	Operations & Maintenance	N	Sampling
N	Records/Reports	U	Self-Monitoring Program	U	Sludge Handling/Disposal	N	Pollution Prevention
U	Facility Site Review	N	Compliance Schedules	N	Pretreatment	N	Multimedia
U	Effluent/Receiving Waters	N	Laboratory	N	Storm Water	N	Other: Discharge Limits

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

- Leatherwood Creek was visited due to citizen complaints concerning discolored and foamy water. The complaint was found to be valid. Conspicuous banks, of distinctly gray colored activated sludge was observed in eddies within the creek down stream of the POTW.
- Upon entering the treatment plant site, a large volume of spilled sludge was observed flowing to the creek. The discharge of sludge has been occurring for some time and the noncompliance has not been reported or addressed.
- The flow totalizer was found to be turned off. Plant discharges were not being recorded.
- One bank of UV Sterilizer lights were noted to be turned off.
- A large volume of dewatered sludge was observed to be stored in the filter press building. The material had been stored long enough for seeds within the sludge to sprout.

Name(s) and Signature(s) of Inspector(s) <b>Tony L. Morris</b>	Agency/Office/Telephone/Fax <b>AR Dept. of Environmental Quality- Jasper Field Office 870-446-2770 (Phone)/870-446-2181 (Fax)</b>	Date <b>January 4, 2010</b>
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date

**Water Division NPDES Photographic Evidence Sheet**

**Location:** Eureka Springs POTW, Carroll County

**Photographer:** Tony Morris      **Witness:** None

**Photo #** 1    **Of** 8      **Date:** 12/31/09    **Time:** 11:42

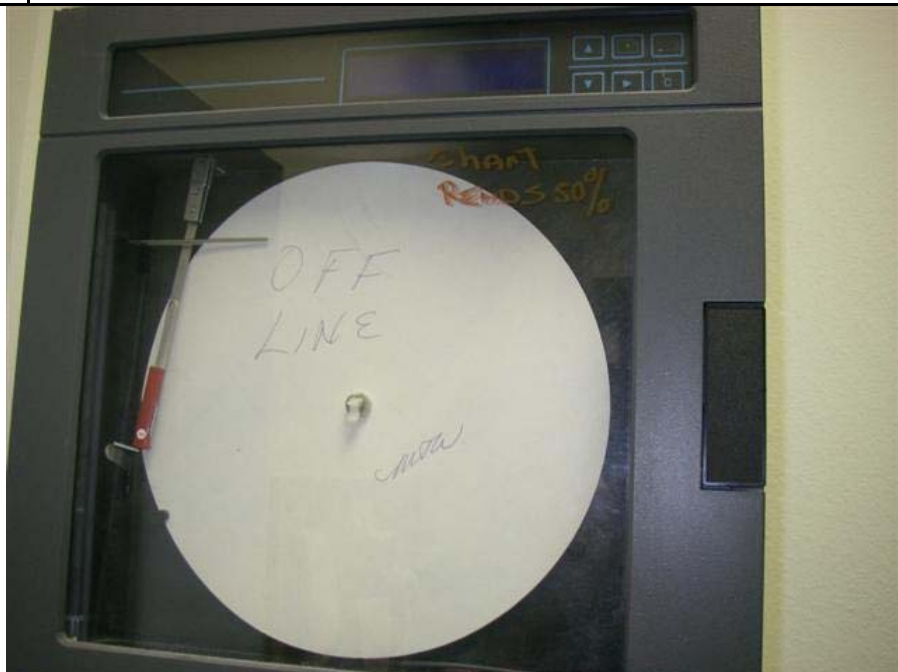
**Description:** The plant headworks filled with grit and non functioning at the time of the inspection.



**Photographer:** Tony Morris      **Witness:** None

**Photo #** 2    **Of** 8      **Date:** 12/31/09    **Time:** 11:30

**Description:** The effluent flow totalizer turned off.



<b>Location:</b>		Eureka Springs POTW, Carroll County						
<b>Photographer:</b>		Tony Morris			<b>Witness:</b>		None	
<b>Photo #</b>	3	<b>Of</b>	8	<b>Date:</b>		12/31/09	<b>Time:</b>	11:50
<b>Description:</b>		Spilled sludge flowing to Leatherwood Creek beyond the fence.						



<b>Photographer:</b>		Tony Morris			<b>Witness:</b>		None	
<b>Photo #</b>	4	<b>Of</b>	8	<b>Date:</b>		12/31/09	<b>Time:</b>	11:33
<b>Description:</b>		A pile of dewatered sludge which has been stored long enough for seeds to sprout.						



<b>Water Division NPDES Photographic Evidence Sheet</b>							
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<b>Location:</b>	Eureka Springs POTW, Carroll County						
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<b>Photographer:</b>	Tony Morris			<b>Witness:</b>	None		
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<b>Photo #</b>	5	<b>Of</b>	8	<b>Date:</b>	12/31/09	<b>Time:</b>	11:46
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<b>Description:</b>	Dewatered sludge spilling out of the door in the filter press building.						
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<b>Photographer:</b>	Tony Morris			<b>Witness:</b>	None		
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<b>Photo #</b>	6	<b>Of</b>	8	<b>Date:</b>	12/31/09	<b>Time:</b>	11:34
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<b>Description:</b>	Sludge recently spilled in the plant area.						
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<b>Location:</b>		Eureka Springs POTW, Carroll County						
<b>Photographer:</b>		Tony Morris			<b>Witness:</b>		None	
<b>Photo #</b>	7	<b>Of</b>	8	<b>Date:</b>		12/31/09	<b>Time:</b>	11:13
<b>Description:</b>		Gray colored sludge in eddy of Leatherwood Creek approx. 1/2 mile down stream of plant.						



<b>Photographer:</b>		Tony Morris			<b>Witness:</b>		None	
<b>Photo #</b>	8	<b>Of</b>	8	<b>Date:</b>		12/31/09	<b>Time:</b>	11:15
<b>Description:</b>		Sludge in Leatherwood Creek approximately one mile (north) down stream of the POTW.						

