

# ADEQ

ARKANSAS  
Department of Environmental Quality

February 27, 2009

Dwayne Allen, Public Works Director  
City of Eureka Springs  
3174 East Van Buren  
Eureka Springs, AR 72632

RE: AFIN: 08-00036

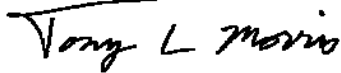
NPDES Permit No.: AR0021865

Dear Mr. Allen:

On February 19, 2009, I performed a routine compliance inspection of the waste water collection system 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 collection system lift stations to be in good order.

I appreciate the professionalism of the Eureka Springs Public Works Staff and the courtesy extended to me during this site visit. I hope the city continues to improve the efficiency of the collection system and reduces infiltration problems. If you have any questions or I can be of any assistance, please 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 Enforcement Branch  
Water Division Permits Branch Sincerely,



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

Form Approved  
OMB No. 2040-0003

## NPDES Compliance Inspection Report

### Section A: National Data System Coding

Transaction Code	NPDES	Yr/Mo/Day	Inspec. Type	Inspector	Fac. Type
1 <input type="text" value="N"/> 2 <input type="text" value="5"/> 3 <input type="text" value="A"/> <input type="text" value="R"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="2"/> <input type="text" value="1"/> <input type="text" value="8"/> <input type="text" value="6"/> <input type="text" value="5"/>	11 <input type="text" value="0"/> <input type="text" value="9"/> <input type="text" value="0"/> <input type="text" value="2"/> <input type="text" value="1"/> <input type="text" value="9"/>	17 <input type="text" value="0"/> <input type="text" value="9"/> <input type="text" value="0"/> <input type="text" value="2"/> <input type="text" value="1"/> <input type="text" value="9"/>	18 <input type="text" value="V"/>	19 <input type="text" value="S"/>	20 <input type="text" value="1"/>
Remarks					
<input type="text" value="0"/> <input type="text" value="8"/> - <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="3"/> <input type="text" value="6"/>					
Inspection Work Days		Facility Evaluation Rating		BI QA -----Reserved-----	
67 <input type="text"/> <input type="text"/> <input type="text"/> 69		70 <input type="text" value="5"/>		71 <input type="text" value="N"/> 72 <input type="text" value="N"/> 73 <input type="text"/> <input type="text"/> 74 <input type="text"/> <input type="text"/> 75 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 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>City of Eureka Springs Waste Water Utility</b> <b>100 Hwy 23 North</b> <b>Eureka Springs, AR 71632</b> <b>Carroll County</b>	Entry Time/Date <b>12:00 February 19, 2009</b>	Permit Effective Date <b>December 1, 2007</b>
	Exit Time/Date <b>16:20 February 19, 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>Mr. Mike Wegrzyn/ Plant Operator/ 479-253-7410</b>	Other Facility Data <b>N 36.4196</b> <b>W 93.7346</b>	
Name, Address of Responsible Official/Title/Phone and Fax Number <b>Dwayne Allen/ Public Works Director/ 479-253-9600/ Fax 479-253-6974</b> <b>City of Eureka Springs</b> <b>3174 E. Van Buren</b> <b>Eureka Springs, AR 72632</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	M	Flow Measurement	S	Operations & Maintenance	N	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
S	Effluent/Receiving Waters	S	Laboratory	N	Storm Water	N	Other:

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

- This sanitary sewer inspection was conducted in conjunction with a permit compliance inspection.
- Two lift stations were visited.
- No problems were noted at the lift stations.

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</b> <b>870-446-2770/870-446-2181 (Fax)</b>	Date <b>February 25, 2009</b>
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date

<b>COLLECTION SYSTEM INSPECTION AND OVERALL RATING</b>		<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM: <b>Aging collection system serving a tourist industry town in a mountainous, karst setting.</b>		
POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: <b>2300 population/1800 connections</b>		
FEET OF SEWER SYSTEM: <b>26 miles or 137,280 linear feet</b>		
AGE OF SYSTEM: <b>Average 40 years</b>		
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER (EXPLAIN): <b>Flashy flows during storm events</b>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS TO ADEQ (DESCRIBE): <b>Public Works director submits overflow reports</b>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
ARE ALL SSOs REPORTED REGARDLESS OF SIZE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
HAVE SSOs REACHED "WATERS OF THE U.S." (LIST DATE AND LOCATION OF EACH):	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE	
<b>PUMP STATIONS</b>		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
NUMBER OF PUMP STATIONS IN SYSTEM: <b>8</b>	NUMBER WITH BACKUP POWER: <b>none</b>	
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: <b>weekly</b>		
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: <b>not at present time</b>		
ADEQUATE INVENTORY OF SPARE PARTS: <b>not at present time</b>		
TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E. SCADA OR AUTO DIALERS): <b>None</b>		
BRIEF SUMMARY OF EMERGENCY PROCEDURES: <b>electrician on call, spare pumps available</b>		
NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECKLISTS FOR EACH):		
Two stations visited: Exxon Pump station and Courthouse Pump Station		
<b>SATELLITE SYSTEMS</b>		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM SATELLITE SYSTEMS: <b>No</b>		
TYPE(S) OF WASTE WATER RECEIVED: <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:		
BRIEFLY DESCRIBE THE SATELLITE SYSTEM: <b>N/A</b>		
ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM: <b>N/A</b>		
NAME, ADDRESS AND PHONE NUMBER OF PERSON RESPONSIBLE FOR SATELLITE SYSTEM: <b>N/A</b>		

<b>PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)</b>	
<b>GENERAL INFORMATION AND OVERALL EVALUATION</b>	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: <u>Courthouse Lift Station</u>	
TYPE(S) OF WASTE WATER RECEIVED: <input type="checkbox"/> RESIDENTIAL <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:	
NUMBER OF PUMPS: <u>2</u>	NUMBER OPERATIONAL: <u>2</u>
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
<b>GENERAL OPERATION AND MAINTENANCE</b>	
<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE OF UNRELATED EQUIPMENT:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT UNAUTHORIZED ACCESS AND/OR TAMPERING:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GRATED OR OTHERWISE PROTECTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMENT PROPERLY INSTALLED AND MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.):	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTENANCE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SEALS, VALVES AND PACKING ADEQUATELY MAINTAINED TO PREVENT LEAKS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
<b>BACKUP POWER AND ALARMS</b>	
<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRANSFER PUMP:	<input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INFORMATION POSTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SCADA SYSTEM (LIST PARAMETERS MONITORED):	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

**PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)**

<b>GENERAL INFORMATION AND OVERALL EVALUATION</b>		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: <u>Exxon Lift Station</u>		
TYPE(S) OF WASTE WATER RECEIVED: <input type="checkbox"/> RESIDENTIAL <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:		
NUMBER OF PUMPS: <u>2</u>	NUMBER OPERATIONAL: <u>1</u>	
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
<b>GENERAL OPERATION AND MAINTENANCE</b>		
		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE OF UNRELATED EQUIPMENT:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT UNAUTHORIZED ACCESS AND/OR TAMPERING:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GRATED OR OTHERWISE PROTECTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMENT PROPERLY INSTALLED AND MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.) :	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTENANCE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
SEALS, VALVES AND PACKING ADEQUATELY MAINTAINED TO PREVENT LEAKS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
<b>BACKUP POWER AND ALARMS</b>		
		<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRANSFER PUMP:	<input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INFORMATION POSTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
SCADA SYSTEM (LIST PARAMETERS MONITORED):	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	

**Water Division NPDES Photographic Evidence Sheet**

**Location:** Eureka Springs POTW

**Photographer:** Tony Morris      **Witness:**

**Photo #** 1    **Of** 2      **Date:** 02/19/09    **Time:** 15:43

**Description:** The Exxon Lift Station located off of Hwy 62 East next to the Exxon station.



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

**Photo #** 2    **Of** 2      **Date:** 02/19/09    **Time:** 15:57

**Description:** The Courthouse Lift Station located adjacent to the Courthouse on Main Street.



<b>Water Division NPDES Photographic Evidence Sheet</b>
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<b>Location:</b>	«Facility_Name»
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<b>Photographer:</b>		<b>Witness:</b>	None
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<b>Photo #</b>	3	<b>Of</b>			<b>Date:</b>		<b>Time:</b>	
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<b>Description:</b>	
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<b>Photographer:</b>		<b>Witness:</b>	None
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<b>Photo #</b>	4	<b>Of</b>			<b>Date:</b>		<b>Time:</b>	
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<b>Description:</b>	
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044215

# City of Eureka Springs

Public Works Department  
3174 East Van Buren Street  
Eureka Springs, Arkansas 72632

Office of the Director, Dwayne Allen  
Phone: 479-253-9600  
Fax: 479-253-6974  
E-mail: [dallen@eurekasprings.org](mailto:dallen@eurekasprings.org)

08-00036

AR0021865

March 25, 2009

Mr. Gene Little  
ADEQ Water Division  
5301 Northshore Drive  
North Little Rock, AR 72118-5317

Re: Plant Inspection

Mr. Little:


Tony Morris District Two Field Inspector performed a routine compliance inspection on our facility on February 19<sup>th</sup> 2009. Mr. Morris noted that the operation of the plant has greatly improved and that we are producing very good quality effluent. We explained our solids handling issues to him and he believes that we are moving in the right direction.

The flow is now being checked at the parshall flume at least weekly with the goal of daily checks. The flows are then logged and compared to our flow chart. If the flows are not within 10% I will be notified.

We are in the bidding process for a new belt press and expansion of our compost facility along with tank modifications which will solve our phosphorous removal by allowing chemical addition. We are making great improvements but staying under a one on P biologically has been a challenge.

Please call me at 479-253-9600 if you have any questions.

Sincerely,

  
Dwayne Allen,  
Public Works Director



# ADEQ

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

April 15, 2009

Dwayne Allen, Public Works Director  
City of Eureka Springs  
3174 East Van Buren  
Eureka Springs, AR 72632

RE: Waste Water Treatment Plant, NPDES Permit Tracking Number AR0021865,  
AFIN 08-00036 Response to Inspection

Dear Mr. Allen:

The Department has received your response to the February 19, 2009 inspection of your facility by our District Field Inspector, Tony Morris. Your letter appears to adequately address the discrepancies identified during the visit. The Department assumes the corrective actions taken will be maintained to ensure consistent compliance with the requirements of the permit. Acceptance of this response by the Department does not preclude any future enforcement action deemed necessary at this site or any other site.

The Department will keep the inspection and response on file. If future violations occur that require enforcement action, the Department will consider the inspection and response as required by the Pollution Control and Ecology Commission Regulation No. 7, Civil Penalties. This regulation requires the Department to consider the past history of your company and how expeditiously the violations were addressed in determining any civil penalty that may be necessary for any future violations.

If we need further information concerning this matter, we will contact you. Thank you for your attention to this matter. Should you have any questions, feel free to contact me at 501-682-0667 or you may e-mail me at [blaket@adeq.state.ar.us](mailto:blaket@adeq.state.ar.us).

Sincerely,

Tracey Blake  
Enforcement Administrator  
Water Division, Enforcement Branch