



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

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

# 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 6 8 11 12 0 7 0 6 1 5 17 18 V 19 S 20 1					
Remarks					
A F I N 5 8 --- 0 0 1 0 5					
Inspection Work Days	Facility Evaluation Rating	BI	QA	Reserved	
67 0 0 1 69	70 N	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) <b>Russellville City Corporation</b> <b>Wastewater collection system transmission line near Prairie Creek pump station</b>	Entry Time /Date <b>0950 / 6-15-2007</b>	Permit Effective Date <b>April 1, 2005</b>
	Exit Time/Date <b>1330 / 6-15-2007</b>	Permit Expiration Date <b>March 31, 2010</b>
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) <b>Randy Bradley / Pretreatment Coordinator</b> <b>Keith Gray / Maintenance Supervisor</b>	Other Facility Data <b>N35° 17' 06.96"</b> <b>W93° 08' 16.79"</b>	
Name, Address of Responsible Official/Title/Phone and Fax Number <b>Craig Noble, General Manager</b> <b>Russellville City Corporation</b> <b>P.O. Box 3186</b> <b>Russellville, AR 72811</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)

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

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

This inspection was conducted in response to a report from Randy Bradley of City Corp that a leak had developed in a 24 inch force main near the Prairie Creek pump station in Russellville. Wastewater was entering Prairie Creek. Exact location was not known at the time. This was the second occurrence of a discharge from the line in a month, the first having occurred on May 14, 2007. See accompanying memo for details.

Name(s) and Signature(s) of Inspector(s) Greg Kremers	Agency/Office/Telephone/Fax Arkansas Dept. of Environmental Quality / Russellville / 479-968-7339 / 479-968-7321	Date June 22, 2007
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date

**ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY**

**MEMORANDUM**

**TO: Dennis Benson**

**THRU: Dale Washam, Inspector Supervisor**

**FROM: Greg Kremers, District 5 Field Inspector**

**DATE: June 22, 2007**

**SUBJECT: Sewer line break, Russellville City Corporation**

I was notified of the situation by Pretreatment Coordinator, Randy Bradley the morning of June 15. Mr. Bradley stated that another line failure had occurred near the Prairie Creek pump station and that wastewater was entering Prairie Creek. I asked if the discharge was occurring from the same location as a month ago, but he was not sure as he had not been to the site yet.



I arrived on site and found crews already at work trying to locate the source of the discharge. It was obvious that the failure had occurred at the same spot where repairs had been made a month before. I met with Mr. Bradley and Maintenance Supervisor, Keith Gray. Mr. Gray stated that either a clamp came loose or that the line may have cracked some more, as happened last time. Crews began the process of digging down to the line and pumping the wastewater out of the hole and down the road. The wastewater was entering Prairie Creek. I stated to Mr. Bradley that City Corp should sample the stream as they did last time. I left the site at approximately 1040 hours.

I received a call from Randy Bradley around 1230 hours. He stated that crews were tightening the last few bolts on a new clamp. I arrived at the site at 1255 and found that the discharge had been stopped. Keith Gray explained that one of the clamps that were put on the line a month ago had failed. A new full circle clamp had been put on at 1200 hours. Mr. Gray stated that the rupture was probably caused by air getting into the line at the pump station and that the air release valves did not remove all the air. This caused an air hammer effect, thus causing the clamp to fail. Mr. Gray stated that he would start clean up of the site immediately.



After noting that the discharge had been stopped, I proceeded to observe Prairie Creek approximately ¼ mile downstream of where the waste had entered the stream. The stream was turbid and exhibited a wastewater smell. Dissolved oxygen level at this location was 0.45 mg/l. I finished the investigation at 1335 hours.




## Arkansas Department of Environmental Quality (ADEQ) Official Photograph Sheet

<b>Location:</b>		Russellville City Corp line break, west of N. El Paso, Russellville						
<b>Photographer:</b>		Greg Kremers			<b>Witness:</b>			
<b>Photo #</b>	1	<b>Of</b>	5		<b>Date:</b>	6-15-2007	<b>Time:</b>	0958
<b>Description:</b>								
City Corp crew trying to locate exact location of leak.								
<b>Photographer:</b>		Greg Kremers			<b>Witness:</b>			
<b>Photo #</b>	2	<b>Of</b>	5		<b>Date:</b>	6-15-2007	<b>Time:</b>	1012
<b>Description:</b>								
Pumping out the hole of wastewater.								

## Arkansas Department of Environmental Quality (ADEQ) Official Photograph Sheet

<b>Location:</b>		Russellville City Corp line break, west of N. El Paso, Russellville						
<b>Photographer:</b>		Greg Kremers			<b>Witness:</b>			
<b>Photo #</b>	3	<b>Of</b>	5		<b>Date:</b>	6-15-2007	<b>Time:</b>	1001
<b>Description:</b>								
<p>Wastewater traveling down the road and entering Prairie Creek to the right.</p>								
<b>Photographer:</b>		Greg Kremers			<b>Witness:</b>			
<b>Photo #</b>	4	<b>Of</b>	5		<b>Date:</b>	6-15-2007	<b>Time:</b>	1259
<b>Description:</b>								
<p>New full circle clamp in place.</p>								

## Arkansas Department of Environmental Quality (ADEQ) Official Photograph Sheet

<b>Location:</b>		Russellville City Corp line break, west of N. El Paso, Russellville						
<b>Photographer:</b>		Greg Kremers			<b>Witness:</b>			
<b>Photo #</b>	5	<b>Of</b>	5		<b>Date:</b>	6-15-2007	<b>Time:</b>	1320
<b>Description:</b>								
<p>Prairie Creek, approximately ¼ mile downstream of the discharge point. Dissolved oxygen level was 0.45 mg/l at this location.</p>								
<b>Photographer:</b>					<b>Witness:</b>			
<b>Photo #</b>		<b>Of</b>			<b>Date:</b>		<b>Time:</b>	
<b>Description:</b>								