



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	4	3	3	8	9	11	12	0	9	0	8	0	5	17	18	V	19	S	20	1			
Remarks																															
A F I N 5 4 - 0 0 0 8 3																															
Inspection Work Days						Facility Evaluation Rating						BI		QA		-----Reserved-----															
67						70						N		N																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) <i>Helena Municipal Water and Sewer Approximately 1.5 miles West of Hwy. 44 and Hwy. 20 intersection Section 24, Township 2 South, Range 4 East Phillips County, Arkansas</i>	Entry Time /Date <i>9:00 a.m. 8/5/09</i>	Permit Effective Date <i>February 1, 2004</i>
	Exit Time/Date <i>12:00 noon 8/5/09</i>	Permit Expiration Date <i>January 31, 2009</i>
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) <i>Benzene Collier, Class III Operator (870) 338-7438</i>	Other Facility Data	
Name, Address of Responsible Official/Title/Phone and Fax Number <i>Terry McGinister, General Manager (870) 338-7477 Helena Municipal Water and Sewer 702 Cherry Street Helena, Arkansas 72342</i>	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	S	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	Multimedia
N	Effluent/Receiving Waters	N	Laboratory	N	Storm Water	N	Other:

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

A Sanitary Sewer Overflow inspection was conducted to gather information concerning the City of Helena's Sewer System. All information gathered can be found on the SSO Checklist saved as AR0043389_sso_20090805.

Name(s) and Signature(s) of Inspector(s) <i>Steven L. Henderson</i> Steven L. Henderson	Agency/Office/Telephone/Fax ADEQ/ White Hall/ (870) 247-5183/ (870) 247-5185	Date August 6, 2009
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date

EPA Form 3560-3 (Rev. 9-94) Previous editions are obsolete.

SSO Inspection Checklist

Collection System Description

1. Describe the collection system.

Gravity flow > 9 Pump Stations > 4 Cell Oxidation Pond

2. Population of service area/number of residents/commercial connections
Population 6,200 / Industrial 23 / Commercial 284 / 1786 Residential

3. Feet of sewer
Approximately 250 miles

4. Age of system
From approximately 100 years to 12 years old

5. Does the collection system experience problems during dry or wet weather?
Describe or provide documentation.
Yes, infiltration issues during heavy rainfall events

6. Agency notification procedure: What information is reported? Provide documentation.
Date, time, duration, and amount of overflow events are phoned in to the Department within 24 hours. Written documentation is submitted to the Department within 5 days of occurrence.

SSO Inspection Checklist

Pump Stations

1. How many pump stations are in the system? How many have backup power sources?

9 Pump Stations/ All are equipped to be powered by two portable generators

2. How often are pump/lift stations inspected and monitored? If a SCADA system is used, what parameters are monitored?

Twice per week/ Parameters monitored by SCADA System include amps, flow, number of cycle periods

3. What provisions have been made for emergencies?

Emergency Plan established in 1996

Satellite Systems

1. Does the collection system receive flow from satellite systems?

No

2. Are there any known problems with the satellite collection system (hydraulic flow, WW concentration, ordinances, etc.)?

NA

3. Who is responsible for enforcement and response?

NA

Performance Indicators (Collection & Satellite System)

1. Provide a list of sanitary sewer overflows that occurred in the last 3 years, including date, volume (gallons), location, duration, cause, and response.

Approximately 15 sanitary sewer overflows reported in last 3 years

2. Are all sanitary sewer overflows reported, regardless of size?

Yes

3. How many sanitary sewer overflows have reached "waters of the State"? Provide documentation.

All

SSO Inspection Checklist

NPID	Date_received	Volume	Environmental_damage	Description	Cause	Stream	Location
AR0043389	4/14/2005	3000	unknown	Val Drive at Kroger	Roots & grease	ditch	
AR0043389	4/14/2005	3000	unknown	Griff Val @ 49B	Roots & grease	ditch	
AR0043389	4/14/2005	3000	unknown	Old LR Road @ 49B	Rainfall, roots & grease	ditch	
AR0043389	4/14/2005	3000	unknown	Springhill & WendInd	Roots	ditch	
AR0043389	4/14/2005	3000	unknown	Miller & Cherry	Rainfall	ditch	
AR0043389	4/13/2005	3000	unknown	928 Pecan & McDonough Streets	Heavy rainfall	ditch	
AR0043389	4/13/2005	3000	unknown	823 Pecan & Miller Streets	Heavy rainfall	ditch	
AR0043389	4/13/2005	3000	unknown	Phillips & Don Streets	Heavy rainfall	ditch	
AR0043389	4/13/2005	2500	unknown	Griffin Valley & Highway 49 Bypass	Heavy rainfall & roots	ditch	
AR0043389	1/7/2002 1:07:16 PM	0	Unknown	Griffin Valley	Grease buildup from hospital, restaurants & etc		
AR0043389	5/23/2005	3000	unknown	Old Little Rock Road - 49 B	Rainfall & roots	ditch	
AR0043389	5/23/2005	3000	unknown	Miller & Cherry Streets	rainfall	ditch	
AR0043389	5/23/2005	3000	unknown	823 Pecan & Miller Streets	rainfall	ditch	
AR0043389	6/7/2005	4000	unknown	Old Little Rock Road & Highway 49B	Roots	ditch	
AR0043389	8/19/2005	2000	unknown	Stonebrook Road - Lift Station #8	Leak in line	drainage ditch	
AR0043389	6/28/2006			Contractor hit line			1223 Perry Street
AR0043389	2/17/2004	0	unknown	Lost 3	thrown		

SSO Inspection Checklist

NPID	Date_received	Volume	Environmental_damage	Description	Cause	Stream	Location
	3:50:22 PM			pumps	drive shafts		
AR0043389	11/29/2001 9:34:37 AM	0	unknown	Market Street - 800 block	I/I & too much rainfall		
AR0043389	11/29/2001 9:35:49 AM	0	Unknown	Perry & Highway 49	I/I & too much rainfall		
AR0043389	3/8/2002 4:20:00 PM	0	Unknown	Wooded area where roots caused the main to break	Roots		
ar0043389	8/20/2007	6000	NEAH	Manhole Overflow	Fish		1654 Hwy. 44
ar0043389	4/18/2008	4000	NEAH	Service Line Overflow	Sewer Main Break		131 Green Acres