

SSO Inspection Checklist

Collection System Description

1. Describe the collection system.
Gravity Flow > 4 Small Pump Stations > 1 Main Pump Station > Facility Pump Station > Lagoon System
2. Population of service area/number of residents/commercial connections
8,000/ 2,700 residential/ 300 commercial
3. Feet of sewer
~60 miles (~316,800 feet)
4. Age of system
~ 60 years (oldest), ~ 45 years (newest)
5. Does the collection system experience problems during dry or wet weather? Describe or provide documentation.
During extreme wet weather the facility has experienced up to five times normal flow (1 million gal./day).
6. Agency notification procedure: What information is reported? Provide documentation.
SSO report, ADEQ notified within 24 hrs., NCR report submitted within five days

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Pump Stations

1. How many pump stations are in the system? How many have backup power sources?
6 Total, 2 major pumps stations are wired for generator
2. How often are pump/lift stations inspected and monitored? If a SCADA system is used, what parameters are monitored?
Daily, SCADA System monitors power, entry, high level alarm
3. What provisions have been made for emergencies?
Generator on-site

Satellite Systems

1. Does the collection system receive flow from satellite systems?
Yes, Phillips County Sewer Facilities Board
2. Are there any known problems with the satellite collection system (hydraulic flow, WW concentration, ordinances, etc.)?
None
3. Who is responsible for enforcement and response?
City of West Helena Water Utilities

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.
Since January 2007, the City has documented two sanitary sewer overflows. The events occurred on May 2, 2009 and May 6, 2009 due to excessive rainfall.
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.
None



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	2	0	2	1	11	12	0	9	1	1	0	5	17	18	V	19	S	20	1		
Remarks																														
A	F	I	N	5	4	-	0	0	0	8	6																			
Inspection Work Days				Facility Evaluation Rating								BI		QA		-----Reserved-----														
67				69	70	N								71	N	72	N	73												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>West Helena Water Utilities End of Porter Street West Helena, Arkansas Phillips County, Arkansas Section 10, Township 2 South, Range 4 East</i>	Entry Time /Date <i>9:00 a.m. 11/5/09</i>	Permit Effective Date <i>February 1, 2008</i>
	Exit Time/Date <i>12:00 noon 11/5/09</i>	Permit Expiration Date <i>January 31, 2013</i>
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) <i>Ken Fratesi, Manager (870) 572-6714</i>	Other Facility Data	
Name, Address of Responsible Official/Title/Phone and Fax Number <i>Ken Fratesi, Manager West Helena Water Utilities 92 Plaza Street West Helena, Arkansas 72390</i>		
<p style="text-align: center;">Contacted</p> 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 West Helena's Sewer System. All information gathered can be found on the SSO Checklist saved as AR0022021_sso_20091105.

Name(s) and Signature(s) of Inspector(s) <i>Steven L. Henderson</i> Steven L. Henderson	Agency/Office/Telephone/Fax ADEQ/ White Hall/ (870) 247-5155/ (870) 247-5185	Date November 9, 2009
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Unpermitted Name	Location
12/17/2001	12/17/2001	20000	None	Road to Sewer Ponds, 4th MH from ponds, runoff to ditch, then to Mississippi	MH leaking at cover cemented to concrete, excessive rain (lowest point).			
12/12/2001	12/12/2001	3000	None	6th & Baldwin, runoff to ditch with rest of down pour.	Excessive rainfall			
12/12/2001	12/12/2001	22500	None	4th MH from Ponds, runoff to drainage ditch filled with rain.	MH ring leaking (last part and lowest part of system overloaded with rain)			
5/2/2009	5/2/2009	20000	NEAH	Manhole Overflow	Rainfall	Ditch, Mississippi River		6th and Baldwin
5/2/2009	5/2/2009	150000	NEAH	Manhole Overflow	Rainfall	ditch to Mississippi River		End of Porter St. at WWTP
5/6/2009	5/6/2009	10000	NEAH	Manhole Overflow	Rainfall	ditch, Mississippi River		6th and Baldwin
5/6/2009	5/6/2009	150000	NEAH	Manhole Overflow	Rainfall	ditch, Mississippi River		End of Porter St. at WWTP