



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	0	0	8	7	11	12	0	9	0	3	2	5	17	18	V	19	S	20	1													
Remarks																																									
A						F						I						N																							
6						2						-						0						0						7						0					
Inspection Work Days										Facility Evaluation Rating										BI		QA		-----Reserved-----																	
67												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) <i>Forrest City Water Utilities 3 miles Southwest of Forrest City off Hwy. 70 Forrest City, Arkansas St. Francis County, Arkansas Section 36, Township 5 North, Range 2 East</i>	Entry Time /Date <i>9:00 a.m. 3/25/09</i>	Permit Effective Date <i>December 1, 2007</i>
	Exit Time/Date <i>10:00 a.m. 3/25/09</i>	Permit Expiration Date <i>November 30, 2012</i>
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) <i>James Beazley, Manager (870) 633-2921</i>	Other Facility Data	
Name, Address of Responsible Official/Title/Phone and Fax Number <i>James Beazley, Manager Forrest City Water Utilities P.O. Box 816 Forrest City, Arkansas 72336</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 Forrest City's Sewer Collection System. All information gathered can be found on the SSO Checklist saved as AR0020087_sso_20090325.

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 April 3, 2009
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date

Bypass/Noncompliance reports

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
1/18/2007	1/18/2007	100	NEAH	Manhole Overflow	Main Line Restricted		Forrest & Alley
1/13/2007	1/13/2007	100	NEAH	Manhole Overflow	Debris		716 Green
1/22/2007	1/22/2007	500	NEAH	Manhole Overflow	Debris		Farley & Roosevelt
1/13/2007	1/13/2007	500	NEAH	Main Line leak	Debris		Cherry and Buford
1/13/2007		500		Manhole Overflow			Cherry and Buford
3/29/2005	3/29/2005	500	unknown	759 - 711 Lewis Street	blockage		
4/5/2005	4/5/2005	500	unknown	National Carpet One - Front Street	Blockage		
4/3/2005	4/3/2005	500	unknown	313 South Izard	blockage		
3/8/2005	3/5/2005	100	unknown	North Izard & Fussell	blockage		
3/11/2005	3/11/2005	500	unknown	Pecan Grove Apts.	grease, soap		
11/2/2006	11/2/2006	99	none	Stoppage	Stoppage		Holiday Drive and 284
10/24/2006	10/25/2006	499	none	Overflow	Roots		Holiday Drive and Chappel Ridge
10/23/2006	10/23/2006	99	none	Stoppage	Stoppage		932 Lee Cv
10/20/2006	10/23/2006	99	none	Stoppage	Stoppage		1725 N Division St
12/30/2006	1/2/2007	499	none	Overflow	Stoppage		Buford and Cherry
8/5/2002	8/5/2002	100	unknown	Buford & Division	Blockage		
7/30/2002	7/30/2002	500	unknown	Arkansas & Forrest	Blockage		
10/29/2002	10/29/2002	500	Unknown	Scott St. & Division	Blockage		
10/29/2002	10/29/2002	500	unknown	Izard & Hill streets	Blockage		
10/29/2002	10/29/2002	100	unknown	308 "A" Street	Blockage		
7/23/2002	7/23/2002	100	unknown	727 East Broadway	Blockage		
7/30/2002	7/30/2002	500	unknown	Arkansas 5 & highway 284	Blockage		
6/17/2005	6/17/2005	500	unknown	Holiday Drive & Newcastle Road	grease		
6/18/2005	6/18/2005	100	unknown	Division & Franklin	blockage		
6/1/2004	6/1/2004	500	unknown	815 Harland	Blockage		
6/2/2004	6/2/2004	500	unknown	1000 Spring, Lot 100	Blockage		
9/7/2004	9/7/2004	500	unknown	Courthouse - South Izard	Blockage		
9/10/2004	9/10/2004	500	unknown	Sellers St. & Buford St.	Blockage		
8/19/2005	8/19/2005	100	unknown	303 North Rosser street	blockage		
7/31/2005	7/31/2005	100	unknown	1500 Block of Lindever Road	blockage		
8/3/2005	8/3/2005	500	unknown	757 Park Drive	blockage		
8/9/2005	8/9/2005	100	unknown	Pecan Grove Apts.	grease/soap		
6/22/2006	6/22/2006	500	unknown	manhole overflow	blockage	ground	A Street & Railroad
6/22/2006	6/22/2006	100	unknown	manhole overflow	blockage	ground	Rosser & Stone
10/27/2005	10/27/2005	500	unknown	Lift Station #2	Power failure		

Bypass/Noncompliance reports

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
3/26/2006	3/26/2006	100	unknown	Highway 1 - Pecan Grove Apts	blockage	ground	
5/1/2006	5/1/2006	100	unknown	Izard & Highway 70 - First Nation Bank	blockage	ground	
7/15/2004	7/15/2004	100	unknown	300 block of Grant Street	Blockage		
3/19/2007	3/19/2007	500	None observed	Manhole overflow	Debris	Manhole	Hwy I & Alley behind Bank
2/7/2006	2/7/2006	100	unknown	North Izard @ FNB	debris	paved area	
1/7/2007	1/7/2007	500	None Noted	Manhole overflow	Stoppage		Old Madison Rd. and The "Cut"
1/10/2007	1/10/2007	500	None noted	Manhole Overflow	Main Line stopped up		2022 Walnut
4/3/2007	4/3/2007	200	None observed	Manhole overflow	Debris	Manhole	Cherry & Murry
		100	None	Manhole overflow	Grease/Soap	To the ground	
6/5/2007	6/5/2007	50	NEAH	Manhole overflow	Debris		Chestnut and Mississippi
6/6/2007	6/6/2007	50	NEAH	Manhole overflow	Debris		Wolted and Garland
6/30/2007	6/30/2007	50	NEAH	Manhole overflow	debris		Izard and St Francis
7/1/2007	7/1/2007	50	NEAH	Manhole overflow	debris		A St.
5/31/2007	5/31/2007	100	NEAH	overflow	debris		Chestnut and Mississippi
3/21/2007	3/21/2007	100	none	overflow	debris		Buford
2/22/2007	2/22/2007	100	None	Manhole overflow	Debris		St Francis & Forrest
2/25/2007	2/25/2007	100	None observed	Manhole overflow	Debris		Alley (Knight & Forrest)
9/11/2007	9/11/2007	100	NEAH	Manhole Overflow	Debris		Grant St. and Regions Bank
10/23/2007	10/23/2007	50	NEAH	manhole overflow	Debris		Scott and N. Div.
11/27/2007	11/27/2007	650	NEAH	MH overflow	debris		Garland and Forest
11/26/2007	11/26/2007	50	NEAH	MH overflow	debris		Buford and Cherry
3/29/2008	3/29/2008	1000	NEAH		I and I / Debris		Madison Road and Cut
3/31/2008	3/31/2008	1000			Power failure and land I		Old Mad Road Pump St.
3/27/2008	3/27/2008	100	NEAH		Debris		Forest and Hwy 1
3/27/2008	3/27/2008	100	NEAH		Debris		Newis and Dawson
4/27/2008	4/27/2008	1000	NEAH	equipment failure			Old Mad Road Pump Station
4/27/2008	4/27/2008	1000	NEAH	Mh overflow	debris		Railroad cut
9/2/2008	9/2/2008	25	NEAH	Unknown	Debris		00 Block Cross St.
10/15/2008	10/15/2008	100	NEAH	Manhole Overflow	Debris		Rosser and Scott
10/8/2008	10/8/2008	100	NEAH	Manhole Overflow	Debris		Hwy. 70 and Tallwood
11/6/2008	11/6/2008	100	NEAH	Manhole Overflow	Debris		Haughrun and

SSO Inspection Checklist

Collection System Description

1. Describe the collection system.

Standard gravity flow system with 16 lift stations. Six of the stations serve one customer each. Gravity lines are clay, concrete, PVC and some CI or DIP. Manholes are mostly brick, with some pre-cast concrete, some poured-in-place concrete. In the last ten years they have begin using pre-fab fiber glass in non-traffic locations.

2. Population of service area/number of residents/commercial connections

Forrest City Population= ~13,000 of which ~3,500 are incarcerated in the local Federal Prison

Residential Connections = 4,400

Commercial Connections = 530

Churches, Schools, Govt. = 130

3. Feet of sewer

In the range of 25-40 miles.

4. Age of system

The system 6-8 blocks around the intersection of Hwy. 1 and the UP Railroad was constructed between 1923 and 1945. Growth in the suburbs and industrial area North of town occurred between 1945 and 1970. There was some subdivision work between 1971 and 1980. However, there has been very little growth since 1980.

5. Does the collection system experience problems during dry or wet weather?
Describe or provide documentation.

Dry Weather – They have the normal grease and root stoppages which are handled by rodding or jet-vac. The areas that cause the most trouble are on a planned schedule for jetting and cleaning.

Wet Weather – They have a program of smoke testing to cut down on inflow. Infiltration is slight due to the clay nature of the soil. Inflow from rain is estimated to be 95% of the extra water in the system. The general age and condition of some of the manholes probably lend itself to a lot of the inflow. The system handles slow rains fine, heavy rain over a short period probably stresses the system in some areas.

6. Agency notification procedure: What information is reported? Provide documentation.

The City works sewer stoppages by work orders. When an SSO is noted on the work order, the information is transferred to an SSO Report and then faxed to ADEQ. An SSO Monthly Report is filled out and mailed to ADEQ.

SSO Inspection Checklist

Pump Stations

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

16 Pump Stations

The main pump station is installed with its own generator. The other fifteen stations have the capability of using the City's portable generators.

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

The City has a designated operator that checks each station on a daily basis. There is no SCADA System other than the call system on Pump Station 1.

3. What provisions have been made for emergencies?

During storms the city crews are on-call and they check the areas if any damage is reported by the fire or police departments.

Satellite Systems

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

There is one satellite system that pumps direct to the WWTP. The town of Palestine has a pump station, that serves ~25-30 residences located north of the WWTP that pumps directly to the head of the plant.

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

No problems have been noted.

3. Who is responsible for enforcement and response?

The City of Palestine is responsible for this system. The City of Forrest City does nothing other than accept and treat the wastewater.

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.

Three years of SSO's were provided and reviewed.

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 documented