



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	3	3	3	1	6	11	12	0	9	0	9	1	6	17	18	V	19	S	20	1	
Remarks																													
A	F	I	N	3	5	-	0	0	1	4	9																		
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>Pine Bluff Wastewater Utility – Boyd Point Facility 1.5 miles from Highway 79 on Island Harbor Marina Road 900 Island Harbor Marina Road Jefferson County, Arkansas Section 22, Township 5 South, Range 9 West</i>	Entry Time /Date <i>8:45 a.m. 9/16/09</i>	Permit Effective Date <i>September 1, 2009</i>
	Exit Time/Date <i>11:30 a.m. 9/16/09</i>	Permit Expiration Date <i>August 31, 2014</i>
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) <i>Vincent Miles, Laboratory Supervisor (870) 535-0828 (870) 535-6243 Fax Stacey Carpenter, Senior Lab Technician</i>	Other Facility Data <i>N 34 16' 30" W 91 57' 59"</i>	
Name, Address of Responsible Official/Title/Phone and Fax Number <i>Ken Johnson, Manager (870) 535-6605 Pine Bluff Wastewater Utility 1520 South Ohio Street, Pine Bluff, Arkansas 71601-6055</i>	Contacted Yes <input type="checkbox"/> No <input checked="" 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 Pine Bluff's Sanitary Sewer System. All information gathered can be found on the SSO Checklist saved as AR0033316_sso_20090916.

Name(s) and Signature(s) of Inspector(s) <i>Steven L. Henderson</i> Steven L. Henderson	Agency/Office/Telephone/Fax <i>ADEQ/ White Hall/ (870) 247-5183/ (870) 247-5185</i>	Date <i>September 17, 2009</i>
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date

Description	Cause	Stream	Date received	Date started	Date stopped	Environmental damage	Location
2300 Belmoor, M/P-820 U-90	Debris in line		1/15/2002	1/14/2002	1/14/2002	None	
manhole #G10-014	grease & debris	storm drain	8/3/2006	8/2/2006	8/2/2006	unknown	6210 Mosley
manhole # W-J17-014 D-J17-015	debris	yard	8/29/2006	8/28/2006	8/28/2006	unknown	5210 Faucett Road
Phillip & Taylor / Hwy. 65 South - Force Main Air Release Valve #15 to 14.	Mainline stoppage due to Pipe Failure (Cave In)		9/20/2006	9/20/2006	9/20/2006	None	
14 Foxcroft - Manhole # M24-021 overflowed into a ditch.	Line Blockage due to grease.	spilled into a ditch	10/6/2006	10/6/2006	10/6/2006	None	#14 Foxcroft
53 Westchester	debris in line		11/29/2004	11/24/2004	11/24/2004	none	
15 Foxcroft	paper towels		2/18/2005	2/18/2005	2/18/2005	none	
201 Island Harbor Road - Highway 79 North	Pipe deterioration - 30" force main, blew an 1" hole	yard & west side of the levee	3/22/2005	3/22/2005	3/22/2005	unknown	
201 Island Harbor Road	spill from changing out 30 " force main		4/11/2005	4/9/2005	4/9/2005	unknown	
409 North Blake	Rainfall		4/12/2005	4/11/2005	4/11/2005	unknown	
3900 Bay	Rainfall		4/12/2005	4/11/2005	4/11/2005	unknown	
21 Beech St.	debris in line and grease		5/15/2002 3:37:37 PM	5/15/2002	5/15/2002	none	
Line blockage	Grease		11/20/2006	11/20/2006	11/20/2006	none	1105 E 26
Oakwood Rd. M/P 916 up MH #6, M/H #7	Debris in line		12/17/2001	12/16/2001	12/16/2001		
M/H #44 P 917	Debris in line		12/17/2001	12/15/2001	12/15/2001		
3217 Old Warren Road, MH 924-85	Debris in line		12/27/2001	12/26/2001	12/26/2001		
1320 S. Magnolia (MH #18) runoff to ditch	Heavy rainfall		2/20/2001 3:21:39 PM	2/16/2001 8:45:00 AM	2/16/2001	No	
Intersection of Peach & Burnett (Pumpstation #12) MH 717-16, runoff to ditch	Heavy Rainfall		2/20/2001 3:25:12 PM	2/16/2001	2/16/2001	No	
East of 6601 Brown Street,(wooded area) MH #478-036, runoff on ground by MH	Vandalism-filled MH with tree limbs & trash		6/11/2001	6/8/2001	6/9/2001	Little or none.	
#11 Foxcroft Lane, (MH #UP-15-d-16)	Debris in the line		6/12/2001	6/12/2001	6/12/2001	None.	
905 Fairway Dr, PS #22 at Rosswood, MH U-2	Mechanical failure at pump station		10/16/2001	10/14/2001	10/14/2001	None	
Intersection of Peach/Burnett Pump station #12, MH #717-45	Hvy rain		10/15/2001	10/11/2001	10/11/2001	None	
3206 W. Short 13th St	Debris in line.		12/18/2001	12/18/2001	12/18/2001	None	
6703 Sheridan Rd, MH M/P	Debris in line.		1/14/2002	1/11/2002	1/11/2002	None	

Description	Cause	Stream	Date received	Date started	Date stopped	Environmental damage	Location
477-U-5							
6115 Parker	debris in line due to vandalism		11/18/2002	11/16/2002	11/16/2002	none	
intersection of 10th and Apple	heavy rains		4/1/2002 2:28:28 PM	3/30/2002	3/30/2002	unknown	
Alley of 31 and Mulberry	heavy rain		4/1/2002 2:30:07 PM	3/30/2002	3/30/2002	unknown	
Hwy. 79	debris in line		12/4/2003	12/4/2003	12/4/2003	none	
1801 W. 40	roots		10/8/2003	10/8/2003	10/8/2003	none	
2502 Pine Hill Dr.	debris and grease in line		11/3/2003	10/30/2003	10/30/2003	none	
2812 Claremont	Debris and grease in line.		12/3/2002	11/29/2002	11/29/2002	none	
3809 Scenic	Debris in line		6/3/2002	6/2/2002	6/2/2002	none	
3101 Mirmar	Cave in on main line		8/8/2002	8/7/2002	8/7/2002	none	
2701 Colonial	debris and grease		8/20/2002	8/19/2002	8/19/2002	none	
5313 Industrial Dr.	Dough in main line.		12/10/2002	12/10/2002	12/10/2002	none	
2812 Claremont	debris in line		9/23/2002	9/22/2002	9/22/2002	unknown	
2306 Sheffield Dr.	debris in line		10/30/2002	10/30/2002	10/30/2002	unknown	
1701 E. 8th	debris and grease in line		6/11/2002	6/11/2002	6/11/2002	none	
42 & Mulberry MH 2	debris-grease		6/19/2002	6/19/2002	6/19/2002	none	
201 Island Harbor Road	fracture of force main		3/7/2003	3/7/2003	3/7/2003	none	
2810 Hutchison @ pump station #29	had to shut down line to repair force main		3/7/2003	3/7/2003	3/7/2003	none	
42nd and Mulberry	debris in line		3/10/2003	3/9/2003	3/9/2003	none	
2812 Colonial	debris in line		3/11/2003	3/11/2003	3/11/2003	none	
Ridgeway Road north of Pumpstation#20	Line fuse melted		2/18/2003	2/18/2003	2/18/2003	none	
411 W. 36th	debris in line		2/18/2003	2/14/2003	2/14/2003	none	
310 W. 24th	debris in line		7/28/2002	7/27/2002	7/27/2002	none	
1804 S. Hickory	debris in line		7/31/2002	7/30/2002	7/30/2002	none	
3317 Poplar	roots and grease		4/1/2003	3/31/2003	3/31/2003	none	
2709 Patrica Drive	grease		4/2/2003	4/2/2003	4/2/2003	none	
2810 North Hutchison	replacing section of force main		4/7/2003	4/5/2003	4/5/2003	none	
Fir btw. 31st and 32nd	pipe failure		8/1/2003	8/1/2003	8/1/2003	none	
Pumpstation #24	line cut by contractor		6/26/2003	6/25/2003	6/26/2003	none	
Westlake Drive and Shamrock	roots		7/16/2003	7/16/2003	7/16/2003	none	
2008 S. Laurel	debris in line		2/24/2003	2/23/2003	2/23/2003	none	

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42nd and Mulberry	debris in line		6/18/2003	6/18/2003	6/18/2003	none	
1302 West 20th	Crack in the pipe	ditch	6/28/2005	6/27/2005	6/27/2005	unknown	
42nd Mulberry	debris and grease		6/10/2003	6/10/2003	6/10/2003	none	
on State between 3rd and 4th	debris in line		6/12/2003	6/12/2003	6/12/2003	none	
2000 Howard Dr.	heavy rainfall		6/12/2003	6/12/2003	6/12/2003	none	
2nd Tennessee	grease		9/24/2003	9/24/2003	9/24/2003	none	
Allister and Union Dr.	grease		9/23/2003	9/23/2003	9/23/2003	none	
in field at 2nd Tennessee	grease		10/7/2003	10/7/2003	10/7/2003	none	
1306 Cedar	broken service line		10/20/2003	10/20/2003	10/20/2003	none	
1913 W. 15th	grease and debris		11/12/2003	11/12/2003	11/12/2003	none	
Manhole #P19-023 P19-055	grease	drain	7/17/2006	7/17/2006	7/17/2006	unknown	3415 South Elm
2000 Bush Street	Lightning damage to pump station		6/7/2005	6/7/2005	6/7/2005	unknown	
2703 Port Road, pump station	Mechanical failure on bar screen rake	parking lot	6/8/2005	6/8/2005	6/8/2005	unknown	
1021 Huckenhall	debris		6/9/2005	6/8/2005	6/8/2005	unknown	
1204 E. 18th	heavy rainfall		11/2/2004	11/1/2004	11/2/2004	none	
400 E. 26th	heavy rainfall		11/2/2004	11/1/2004	11/2/2004	none	
708 Peach St	l/l from rainfall		6/1/2005	5/29/2005	5/29/2005	unknown	
Shamrock - dead end, manhole V-G19-029 & G18-02	debris	ditch	8/5/2005	8/5/2005	8/5/2005	unknown	
2703 Post Road	Air release valve malfunctioned	parking & storage lot	8/8/2005	8/8/2005	8/8/2005	unknown	
2720 S. Poplar	debris in line		5/20/2002 1:22:18 PM	5/19/2002	5/19/2002	none	
3221 Camden Road	debris	street	1/4/2006	1/3/2006	1/3/2006	unknown	
2017 Olive Street manhole Q17-019	Pipe failure	ditch	4/18/2006	4/17/2006	4/17/2006	unknown	
1117 S. Maple	Debris in line		5/17/2002	5/16/2002	5/16/2002	none	
1914 Howard Dr.	rainfall		11/19/2004	11/18/2004	11/18/2004	none	
Intersection of Western Drive & Shirley (MH 596-10 - 598-1)	Debris and grease in the line.		4/10/2001	4/10/2001	4/10/2001	None	
1901 W. 42nd (MH #8)	Debris & Grease in the line.		4/12/2001	4/12/2001	4/12/2001	None	
3706 Ridgeway Rd, (MH #3) Pump Station #20	Mechanical difficulties		3/22/2001	3/22/2001	3/22/2001		
3001 Shamrock	debris in line		7/12/2004	7/12/2004	7/12/2004	none	
behind Butrums Recreation Center on east side of MH	loss of electrical power		12/30/2002	12/29/2002	12/29/2002	unknown	

Description	Cause	Stream	Date received	Date started	Date stopped	Environmental damage	Location
#13 pg. 1043 of map book							
1903 W. 42nd, M/P 1050, V-8	Debris in line.		2/11/2002	2/11/2002	2/11/2002	None	
1504 W. Pullen	debris in line		5/6/2003	5/5/2003	5/5/2003	none	
1412 Cedar St.	Heavy rains.		3/12/2002	3/12/2002	3/12/2002	Unknown	
3706 Ridgeway Road	loss of electrical power		1/2/2002	12/30/2002	12/30/2002	none	
6810 Dollarway Road	debris in mainline		1/10/2003	1/9/2003	1/9/2003	none	
68 Western Drive	grease		1/27/2003	1/25/2003	1/25/2003	none	
601 East 2nd	grease		6/5/2003	6/5/2003	6/5/2003	none	
3221 Camden parking lot	emergency pump discharge line seperated		8/9/2004	8/10/2004	8/10/2004	none	
18th & Florida	rainfall	drain	6/17/2005	6/17/2005	6/17/2005	unknown	
20th & Olive, manhole #Q17 - 019	grease & debris	storm drain	3/31/2006	3/30/2006	3/30/2006	unknown	
line blockage	excessive rainfall		5/16/2007	5/15/2007	5/15/2007	none	on Lnden between 9th and 10th
overflow	grease, debris	ditch	7/24/2007	7/23/2007	7/23/2007	none	
overflow	broken force main; pipe failure	field	9/10/2007	9/7/2007	9/7/2007	none	
Kansas St. Pump Station #2	broken discharge pipe		10/19/2007	10/18/2007	10/18/2007	none	2703 Port Rd.
crack in force main	Broken force main	Field	1/2/2008	1/2/2008	1/2/2008	NEAH	
overflow from a sewer stoppage	grease, debris		12/18/2007	12/18/2007	12/18/2007	NEAH	6100 Glendale Street
Manhole Overflow	I and I	Ditch	4/9/2008	4/9/2008	4/9/2008	None	611 E. 5th
SOUTHEAST CORNER OF 5501 S. OLIVE STREET	BROKEN GATE VALVE	YARD	5/13/2008	5/13/2008	5/13/2008	NONE	
Pump Station #9 overflowed	Loss of Power and Excessive Rainfall	yard	9/4/2008	9/4/2008	9/4/2008	None	2000 Bush Street
Broken Force Main	Unknown	Ditch by Gandy School	10/6/2008	10/6/2008	10/6/2008	Unknown	365 Spur and Gandy Road In City of Whitehall (Satellite to Pine Bluff)
Due to Dept. of Corrections rerouting of main flow to an abandoned force main caused overflow in the ditches along the address of 5721 W. 7th Ave.		Ditch	2/19/2009	2/18/2009	2/18/2009	None	5721 W, 7th Ave.
	I and I - Excessive Rainfall	Ditch	5/11/2009	5/9/2009	5/9/2009	None	
Broken Force Main	Line Failure/Break		6/9/2009	6/9/2009	6/9/2009	NEAH	

Description	Cause	Stream	Date received	Date started	Date stopped	Environmental damage	Location
Broken Force Main	Pipe Failure	Wheat Field	6/9/2009		6/9/2009	None	1101 Osborne Rd.
borken force main	pipe failure	dotch	8/6/2009	8/5/2009	8/5/2009	NONE	

SSO Inspection Checklist

Collection System Description

1. Describe the collection system.
Gravity Flow > 47 Pump Stations > Wastewater Treatment Lagoon System
2. Population of service area/number of residents/commercial connections
Population of service area = 60,000
Residential Connections = 15,000
Commercial Connections = 2,000
3. Feet of sewer
approximately 450 miles
4. Age of system
approximately 122 years old
5. Does the collection system experience problems during dry or wet weather?
Describe or provide documentation.
Records indicate that overflows have occurred because of infiltration and collapsed lines during wet weather and because of blockage, broken/collapsed lines, etc. during dry weather.
6. Agency notification procedure: What information is reported? Provide documentation.
Once Pine Bluff Wastewater Utility is aware of an overflow, immediate steps are taken to correct the issue. ADEQ is notified within twenty-four (24) hours. A written notification is filed with ADEQ within five days.

SSO Inspection Checklist

Pump Stations

1. How many pump stations are in the system? How many have backup power sources?
47 Pump Stations, 6 have back-up power
2. How often are pump/lift stations inspected and monitored? If a SCADA system is used, what parameters are monitored?
Pump stations are monitored daily by SCADA System for power and flow.
3. What provisions have been made for emergencies?
Pump stations are equipped with audible and visual alarms.

Satellite Systems

1. Does the collection system receive flow from satellite systems?
Yes, City of White Hall
2. Are there any known problems with the satellite collection system (hydraulic flow, WW concentration, ordinances, etc.)?
Pine Bluff Wastewater is only responsible for the treatment of wastewater from the City of White Hall. Therefore, Pine Bluff has no knowledge of problems with the satellite collection system.
3. Who is responsible for enforcement and response?
The City of White Hall is responsible for enforcement and response.

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.
Records reviewed indicate that 37 sanitary sewer overflows were documented from February 2005 thru August 2009.
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