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

NPDES Compliance Inspection Report

Form Approved
OMB No. 2040-0003

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 1 0 11 12 1 2 0 8 1 7 17 18 R 19 S 20 1					
Remarks					
A F I N 7 2 - 0 0 7 8 1					
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 (<i>For industrial users discharging to POTW, also include POTW name and NPDES permit number</i>) City of Fayetteville-Paul R. Noland WWTP SSO near the intersection of Old Wire Road and Crossover Road Fayetteville, AR	Entry Time/Date 2:22 p.m./8-17-2012	Permit Effective Date 12/1/2005
	Exit Time/Date 2:55 p.m./8-17-2012	Permit Expiration Date 11/30/2010
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Bob Blythe/Sewer Field Supervisor/479-684-4722 David Longley, Crew Foreman Ryan Lerz, Crew Foreman	Other Facility Data PDS #068204	
Name, Address of Responsible Official/Title/Phone and Fax Number Mr. Dave Jurgens, P.E./Utilities Department Director/479-575-8302 City of Fayetteville-Westside WWTP 113 W. Mountain St. Fayetteville, AR 72701	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)

S	Permit	N	Flow Measurement	N	Operations & Maintenance	N	Sampling
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)

On August 17, 2012, Bob Blythe, City of Fayetteville Sewer Field Supervisor, informed me that a sanitary sewer overflow (SSO) had occurred on August 16, 2012, near the intersection of Old Wire Road and Crossover Road. An observation of the creek was made by city personnel. It was noted that five fish were dead. Ms. Suann Downing, City of Fayetteville's Operation Clerk in the Water and Sewer Division, emailed me a copy of the Field Staff Sanitary Sewer Overflow report for the SSO which occurred on August 16, 2012.

A reconnaissance inspection was conducted on August 17, 2012. An SSO occurred in the same area of the line at 1:27 p.m. The overflow was contained except for any product that may be going through the gravel. Wastewater was being pumped into manhole I(16)001. Water above the overflow was pumped past the overflow area to the culvert at N. Old Wire Road. There was no evidence of dead fish in the creek at the time of the inspection. Mr. Blythe was informed the Department would need a detailed report of each incident.

The Overflow Timeline Summary and both Field Staff Sanitary Sewer Overflow Reports are attached. Photographs available upon request.

Name(s) and Signature(s) of Inspector(s) Alison West/ <i>Joy Alison West</i>	Agency/Office/Telephone/Fax Arkansas Department of Environmental Quality-Fayetteville (479)267-0811, ext. 12/479-267-0819	Date October 9, 2012
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date

Overflow Timeline Summary

Thursday August 16, 2012

10:48 A.M. – Randy Patrick got the page stating that a contractor had hit a sewer line.

10:58 A.M. - Randy contacted Bob Blythe and let him know about the problem.

11:10 A.M. - Bob Blythe had spoken with David Longley to let him know that there was an emergency point repair.

11:30 A.M. - David Longley's crew arrives at the job site. Nabholtz had punched 4 holes into the pump line and was pumping the water downstream.

--When crew arrived, they got them to stop pumping the sewer down the creek. After that, they called for a 4" pump.

12:06 P.M. - Bob Blythe contacted Bryan Daniels with OMI to shut down the pumps to the wet well.

Approx. 11:45 A.M. – Asked contractor to build a berm to contain the sewer, then used the contractor's 2" pump to pump it back into the manhole until the 4" pump arrived

--Once it arrived, they set it up to have it pumping into the manhole.

--Called Terry Tripp with the vacuum truck to come pump out the creek.

--Shortly after, they called in for another 4" pump.

1:00 P.M. – The spill was contained.

Around 2:00 P.M. - Bob Blythe had Ryan Lerz and Wayne Smith start walking down the creek approximately 300-400 yards to look for any dead fish. They saw 5 dead fish and 3 dying fish. Curtis Jennings and Bob Blythe started walking at the other end and walked up to meet Ryan and Wayne, but saw no dead fish.

5:00 P.M. - Bryan Judy arrived and put dye into the upstream manhole I-(16)001. The dye immediately came out of the hole. The crew then knew it was the 18" gravity instead of the 24" sewer force main that was damaged.

8:30 P.M. - The heavy downpour started around this time. The creek that had barely any water started flooding to about 3'. This caused the dam to wash away and push all of that dirt onto the pipe causing the water to stop coming out.

9:30 P.M. – Bob Blythe arrived to turn the valve on to avert the flow.

9:55 P.M. - Bob Blythe called David Jurgens, this was when he was just leaving the lift station.

Friday August 17, 2012

1:00 P.M. – Nabholz used an excavator to create a dam. The Sewer crew pumped that water into a manhole out of the creek.

1:27 P.M. – Crew started digging which caused it to start overflowing again.

2:20 P.M. – Bob Blythe reported this second overflow to the office.

--Allison West was on her way out to the job site at this time.

2:22 P.M. – Suann Downing called ADEQ in Little Rock at 501-682-0638 and left a message reporting the second overflow.

As of 3:45 P.M. - Crew is still working on the repairs. One clamp is on and crew is working on the second one.

5:15 P.M. - Crew stopped the overflow

City of Fayetteville Water and Wastewater Operation Division
 Field Staff Sanitary Sewer Overflow Report

NPDES Permit AR0020010 (Noland -East Side) AR0050288 (West Side)

Time/Date Reported (Office Staff) _____ Initial _____

Time/Date Crew Arrival: 1:25 P.M. 8/17/12 Crew Leader _____

Time/Date Work Completed: 5:15 P.M. 8/17/12

Volume in Gallons: 300 Estimate _____ Actual _____

Location: Crossover / Old Wire

Manhole #: I-(116) 001

Description:

Manhole overflow: _____ Bypass from service/tap failure: _____ Bypass from main failure: X
 Clean-out overflow: _____ Bypass from force main failure: _____ Due to contractor Holtz construction

Cause:

FOG's (Fats/Oils/Greases) _____

I/I (Inflow & Infiltration) Damaged main: _____ Debris in manhole: _____

Heavy rain event: _____ Damaged forcemain: _____ Service/tap failure: _____

Debris in main: _____ Damaged service/tap: _____ Damaged manhole: _____

Roots in main: _____ Roots in manhole: _____ Manhole failure: _____

Main failure: _____ Forcemain failure: _____ Service/tap failure: _____

Damaged main due to contractor (Holtz Construction)

Measures Taken:

Washed Line: _____ Cleaned up solids: _____ Root cut scheduled: _____

Root Cut: _____ Added lime: _____ Televising scheduled: _____

Televised: _____ Force main repaired: _____ Pont repair scheduled: _____

Point Repair: _____ Manhole repaired: _____ Service line/tap repaired: _____

Clamped the main x

Environmental Damage:

No evidencence of adverse health/ Enviromental impact: NO

Observed or evidencence of human contact: NO

Evidencence of fish kill: NO

Ultimate Discharge Location

Entered Stream: x Name of Stream: Flynn Creek was contained to work hole the hole time

Ground: _____ Pavement: _____

City of Fayetteville Water and Wastewater Operation Division
Field Staff Sanitary Sewer Overflow Report

NPDES Permit AR0020010 (Noland -East Side) AR0050288 (West Side)

Time/Date Reported (Office Staff) 8-16-12 1045 AM Initial TT

Time/Date Crew Arrival: 8-16-12 - 1100 AM Crew Leader Tenny T1100

Time/Date Work Completed: 8-16-12 100 P.M.

Volume in Gallons: 5,000 Estimate Actual

Location: old W. rd. x Hwy 265

Manhole #: I (16) 001

Description:

Manhole overflow: Bypass from service/tap failure: Bypass from main failure:

Clean-out overflow: Bypass from force main failure:

Cause:

FOG's (Fats/Oils/Greases)

I/I (Inflow & Infiltration) Damaged main: Debris in manhole:

Heavy rain event: Damaged forcemain: Service/tap failure:

Debris in main: Damaged service/tap: Damaged manhole:

Roots in main: Roots in manhole: Manhole failure:

Main failure: Forcemain failure: Service/tap failure:

Damage to main due to contractor hitting

Measures Taken:

Washed Line: Cleaned up solids: Root cut scheduled:

Root Cut: Added lime: Televising scheduled:

Televised: Force main repaired: Pont repair scheduled:

Point Repair: Manhole repaired: Service line/tap repaired:

Environmental Damage:

No evidencence of adverse health/ Enviromental impact: yes

Observed or evidencence of human contact: yes

Evidencence of fish Kill: yes 5 dead found

Ultimate Discharge Location

Entered Stream: Name of Stream: Flynn Creek

Ground: Pavement: