



June 11, 2015

Arkansas Department of Environmental Quality  
Attn: Layne Pemberton  
5301 Northshore Drive  
North Little Rock, AR. 72118-5317

Re: NPDES permit AR0020010  
Sanitary Sewer Overflows (SSOs)  
Corrective Action Plan

Dear Mr. Pemberton,

This is in response to your letter of May 11, 2015 concerning 39 Sanitary Sewer Overflows (SSOs) from January 2014 through April 2015. Attached is the City of Fayetteville's Corrective Action Plan (CAP), documenting the steps taken to prevent future occurrences of incidents at these specific locations.

The Water and Sewer Division has an ongoing preventive maintenance program to minimize stoppage incidents. The Department has cleaned the sanitary sewer lines throughout the entire city during the past 6 to 10 years. Areas are prioritized for cleaning as a result of the number of city stoppages and according to the drainage basin patterns.

Grease and roots stoppages are added to a frequent cleaning schedule to clean those known maintenance problems as often as every 60 days. New building permits for restaurants are closely scrutinized to insure that appropriate grease interceptors are installed.

The Water and Sewer Division conducts a program of closed-circuit television inspections on the sanitary sewer system and tracks information gathered during cleaning efforts to identify defects in the sanitary sewer. Repairs are then prioritized and scheduled in an effort to prevent these defects from resulting in overflows. The repairs are accomplished by in-house crews or through an annual rehabilitation contract or a combination of both.

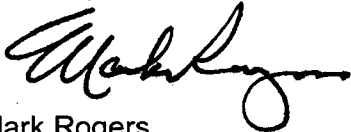
The City is currently undertaking a Sanitary Sewer Evaluation Survey (SSES) contract, which includes field inspection of manholes, dyed water and smoke testing of existing lines and connections, flow monitoring and data analysis and reporting for City defined sanitary sewer Basins. This project is a significant part of the City's ongoing sanitary sewer maintenance and rehabilitation efforts, and will provide recommendations for sewer improvements within the City of Fayetteville. The area is estimated to contain approximately 303,000 linear feet of sewer line and 1460 manholes. The 2015 SSES started 02/09/2015 and is scheduled for completion 12/28/2015. The City has contracted with the RJN Group in the amount of \$1,116,251.00 to perform this study.

Additionally, the City performs annual CIPP rehabilitation on segments of the sewer system which have been identified during the previous 12 months as sources of root intrusion or

deterioration. The rehab for 2015 is anticipated to start in August and be completed by December. This is expected to improve line hydraulics by improving structurally deficient pipes thereby preventing future SSO's.

If you need any additional information or have any questions, please call me at 479-575-8392.

Sincerely,



Mark Rogers  
Operations Manager  
Water & Sewer Division



Tim Nyander  
Utilities Director  
City of Fayetteville

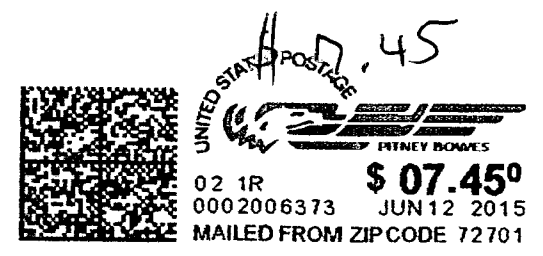
Attachments

## FAYETTEVILLE CORRECTIVE ACTION PLAN (CAP)

Location	Manhole #	Start Date of SSO	End Date of SSO	Est. Volume	Cause of SSO	Action(s) Taken to Address SSO	Resolution Date
2523 E. Huntsville Rd., Fayetteville	W-(09)001A	04/29/15	04/29/15	106,000	Grease and Roots	Environmental Cleanup,Washed Sewer Main, Root Cut, Televised, Repaired Sewer Main, CIPP 2015	12/31/2015
534 W. 15th St., Fayetteville	W-(18B/C)200P- W-(18B/C)199P	04/11/15	04/11/15	50	Grease	Environmental Cleanup,Washed Sewer Main, Televised, Repaired Sewer Main, Routine Scheduled Wash	5/14/2015
1782 Sioux Ct., Fayetteville	W-(43)089 W-(43)090	04/12/15	04/12/15	100	Grease and Roots	Environmental Cleanup,Washed Sewer Main, Televised, Rootcut Sewer Main, Routine Scheduled Wash	4/13/2015
116 N. Fletcher Ave., Fayetteville	W-(02)106 W-(02)108	04/08/15	04/08/15	20	Grease and Roots	Environmental Cleanup,Washed Sewer Main, Televised, Repaired Sewer Main	4/17/2015
1617 E. 5th, Fayetteville	W-(25)025p	01/31/15	01/31/15	100	Roots	Washed Sewer Main, Televised Sewer Main, Rootcut Sewer Main, Routine Scheduled Wash	2/25/2015
2001 W. 18th St., Fayetteville	W-(14)052 W-(14)053	01/27/15	01/27/15	25	Grease and Roots	Washed Sewer Main, Televised Sewer Main, Rootcut Sewer Main, Routine Scheduled Wash	1/29/2015
715 N. Rockcliff Rd., Fayetteville	W-(09)068 W-(09)070	01/21/15	01/21/15	50	Paper Towels, Grease and Roots	Washed Sewer Main, Televised Sewer Main, Scheduled Routine Wash	12/31/2014
W. Lafayette St. & N. West Ave., Fayetteville	W-(18B/C)086	12/05/14	12/05/14	100	Grease and Roots	Washed Sewer Main, Televised Sewer Main, Routine Scheduled Wash	12/16/2014
2556 E. Kantz Dr., Fayetteville	I-(07)061- I-(07)062	11/16/14	11/16/14	100	D,Paper Towels	Washed Sewer Main, Routine Scheduled Wash	11/16/2014
1729 S. Garland Ave., Fayetteville	W-(15)068- W-(15)010	11/14/14	11/14/14	50	Roots	Environmental Cleanup,Washed Sewer Main, Televised Sewer Main, Rootcut Sewer Main, Repaired Sewer Manhole	12/5/2014
1 E. Texas Way., Fayetteville	W-(02)173 - W-(02)174	11/04/14	11/04/14	50	Roots and Grease	Washed Sewer Main,Televised Sewer Main, Rootcut Sewer Main, Repaired Sewer Main	12/4/2014
335 N. Hornsby Dr.	W-(13A)189	10/29/14	10/29/14	7	Grease	Washed Sewer Main, Televised, Routine Scheduled Wash	10/29/2014
210 N. Sandy Ave. Greenland	W-(32)001	10/13/14	10/13/14	12,000	Rain	Enviromental Cleanup, I&I Repairs to system	6/30/2015
218 W. South St.	W-(18 B/C)521 W-(18 B/C)522	10/12/14	10/12/14	10	Contractor	Washed Sewer Main, Televised Sewer Main, Repaired Sewer Main	10/12/2014
210 W. South St.	W-(102)013 W-(18B/C) 521	10/10/14	10/10/14	25	Contractor	Washed Sewer Main, Televised Sewer Main, Repaired Sewer Main	10/10/2014
210 N. Sandy Ave. Greenland	W-(32)001	10/10/14	10/10/14	100	Rain	Environmental Cleanup, I & I Repairs to system	6/30/2015
48 S. Palmer Ave.	W-(13A)115	10/04/14	10/04/14	300	Debris	Environmental Cleanup, Washed Sewer Main, CIPP 2007, Routine Scheduled Wash	10/4/2014
S. Locust Ave. & W. Rock St.	W-(18B/C)525-525C	09/17/14	09/17/14	25	Roots	Environmental Cleanup, Washed Sewer Main, Televised Sewer Line, Routine Scheduled Wash	10/6/2014
709 N Rockcliff Dr	W-(09)066-067	09/16/14	09/16/14	50	Grease	Environmental Cleanup, Washed Sewer Main, Televised Sewer Line, Routine Scheduled Wash, CIPP 2017	12/31/2017
365 E. Meadow St., Fayetteville	W-(02)066-W-(02)067	07/22/14	07/22/14	100	Roots	Environmental Cleanup, Washed Sewer Main, Televised Sewer Main, Routine Scheduled Wash	7/23/2014
26th St. & S. School Ave.	W-(05)035	06/24/14	06/24/14	30	Grease	Washed Sewer Main, Televised Sewer Main, Repaired Sewer Main, Routine Scheduled Wash	6/28/2014
1405 S. Ellis Ave., Fayetteville	Clean out	06/03/14	06/03/14	10	Roots and Grease	Environmental Cleanup, Washed Sewer Main, Televised Sewer Main, Repaired Sewer Main	6/19/2014
1928 S. Custer Lane, Fayetteville	Clean out	06/06/14	06/06/14	60	Roots and Grease	Environmental Cleanup, Washed Sewer Main, Televised Sewer Main, Routine Scheduled Wash	6/11/2014
1800 S. Ashwood Ave.	Clean out	06/18/14	06/18/14	200	Grease	Washed Sewer Main, Televised Sewer Main, Repaired Sewer Main	8/6/2014
1372 E. Century Dr., Fayetteville	I-(05)179	06/12/14	06/12/14	100	Roots and Grease	Washed Sewer Main, Televised Sewer Main, Rootcut Sewer Main, Routine Scheduled Wash	6/12/2014
932 N. Willow Ave., Fayetteville	I-(10)111 I-(10)112	05/04/14	05/04/14	10	Debris	Environmental Cleanup, Washed Sewer Main, Televised Main, Repair Made	12/12/2014
S. Skyline & E. Texas Way	W-(02)205 W-(02)176C	05/15/14	05/15/14	200	Grease	Washed Sewer Main, Televised Sewer Main, Routine Scheduled Wash	5/19/2014
W. Willoughby Rd. & S. McCullum Ave., Fayetteville	W-(20)007d W-(20)007E	04/28/14	04/28/14	25	Roots	Washed Sewer Main, Televised Sewer Main, Repaired Sewer Main	4/28/2014
210 S. Crossover Rd. Fayetteville	W-(09)046C	03/29/14	03/29/14	200	Roots	Washed Sewer Main, Televised Sewer Main, Repaired Sewer Main	5/12/2015
LS-18, 210 N. Sandy Ave., Greenland	W-(32)001	03/17/14	03/17/14	100	Rain	Environmental Cleanup, I&I Repairs to system.	5/30/2015
Washington Regional Medical Center, E. Appleby Rd., Fayetteville	I-(18)002	03/09/14	03/09/14	75	Rain	Washed Sewer Main, Televised Sewer Main, Repaired Sewer Main	5/22/2014
E. Overcrest and N. Oldwire	I-(09)018A	03/17/14	03/17/14	50	Roots	Washed Sewer Main, Problem on Customers Service line	3/17/2014
1748 N. Applebury Pl., Fayetteville	I-(16)289	03/09/14	03/09/14	300	Roots and Grease	Washed Sewer Main, Televised Sewer Main, Rootcut Sewer Main, Routine Scheduled Wash	3/10/2014
1225 W. Bailey Dr., Fayetteville	W-(20)024-027	03/12/14	03/12/14	50	Roots	Washed Sewer Main, Televised Sewer Main, Rootcut Sewer Main, Routine Scheduled Wash	3/18/2014

Location	Manhole#	Start Date of SSO	End Date of SSO	Est. Volume	Cause of SSO	Action(s) Taken to Address SSO	Resolution Date
583 S. Wood Ave., Fayetteville	W-(15)124P	02/07/14	02/07/14	10	Grease	Environmental Cleanup, Washed Sewer Main, Televised Sewer Main, Routine Scheduled Wash	2/7/2014
318 S. Napier Ave., Greenland	W-(32)189	02/20/14	02/20/14	20	Roots	Washed Sewer Main, Televised Sewer Main, Rootcut Sewer Main, Repaired Sewer Main	4/28/2014
2632 N. Stanton Ave., Fayetteville	I-(05)114- I-(05)115	02/14/14	02/14/14	80	Roots	Washed Sewer Main, Televised Sewer Main, Rootcut Sewer Main, Repaired Sewer Main	3/12/2014
1559 Fred Hanna Dr., Fayetteville	W(15) 008	01/21/14	01/21/14	500	Grease	Environmental Cleanup, Washed Sewer Main, Scheduled Routine Wash	1/21/2014
2909 Strawberry Rd., Fayetteville	I-(06)084	01/27/14	01/27/14	10	Roots	Environmental Cleanup, Washed Sewer Main, Televised Sewer Main, Repaired Sewer Main	2/21/2014

City of Fayetteville  
113 W Main St.  
Fayetteville, AR 72701



ADEO  
attention: Layne Pemberton  
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N. Little Rock, AR 72118-5317

