



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