



February 16, 2018

Mr. Alan Anderson  
Enforcement Analyst  
Arkansas Department of Environmental Quality  
5301 Northshore Drive  
North Little Rock, Arkansas 72118

Re: 2017 Update on Measures to Address Sanitary Sewer Overflows (SSO's)  
City of Siloam Springs

Dear Mr. Anderson,

As in years past, I wanted to provide you with an annual update on the progress that has been made by the City of Siloam Springs regarding SSO's in 2017. I have also included the following events that took place during the calendar year.

- Our Water Services Division televised 7,918 feet of sanitary sewer in 2017. This is up from 3,404 feet in 2016. In December, the Division received their new camera truck. Camera equipment had previously been fit into a ½-ton van.
- There was 12,248 feet of sanitary sewer televised by Ace Pipe Cleaning from Kansas City, MO. This was done primarily to plan for future sewer improvement projects but it will also allow us to make a condition assessment of the lines. Total footage televised in 2017 (contractor and City crews) equaled 20,166 feet.
- The Water Service Division's Preventative Maintenance (PM) crew treated 2,720 feet of sewer line with grease treatment in 2017. This is up from 1,310 feet in 2016.
- Duke's Root Control treated 17,902 feet of sewer line for roots. Root control has become an annual event.
- The City hired RJN Group in September to begin Phase 1 of a two-phase collection system master plan. Phase 1 focused on creating the sewer model, condition assessment of our 18 lift stations, and surveying 300 manholes. Phase 2 will begin this spring with up

to 12 flow monitoring devices placed simultaneously in strategic areas of the sewer system for a 90-day period to monitor dry and wet weather events. Data will be entered into the model and culminate with a report that will include capital improvement recommendations.

- The City's Engineering Department hired a GIS technician in 2017. Besides other duties, he has been tasked with sorting out years-worth of GPS data collected on water and sewer infrastructure.
- Total feet of lines cleaned by our PM crew was 59,868. There were also 386 manholes inspected.
- The City's Infrastructure group, a subdivision of the Street Division, completed the Basin 5 sewer replacement project in November 2017. Basin 5 is one of the areas where RJN Group will be monitoring flow in Phase 2 of the sewer master plan. I will be interested in comparing pre-project to post-project flow data to see how large of an impact the new line has on infiltration.
- Two sewer lift stations, Baptist Assembly upper and lower, were upgraded in January 2018. The upgrade included new pumps, control panel, pump guide rails, and a level transducer for pump controls with floats as a back-up. The lower lift station had reported overflows in 2017. The upgrade should eliminate that.

Staff has been diligent in addressing the sewer collection system from all different areas, as evidenced by the bullet points above. I know that initiative will continue into 2018.

Sincerely,



Steve Gorszczyk  
Public Works Director  
(479) 238-0935  
[sgorszczyk@siloomsprings.com](mailto:sgorszczyk@siloomsprings.com)

Cc: Danny Farine, Water/Wastewater Services Superintendent  
Tom Myers, Wastewater Superintendent



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