



# CITY CORPORATION

Russellville Water and Sewer System

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February 4, 2016

Mr. Alan Anderson  
Enforcement Analyst  
Water Division/Enforcement Branch  
Arkansas Department of Environmental Quality  
5301 Northshore Dr.  
North Little Rock, Arkansas 72118

RE: NPDES Permit No. AR0021768, AFIN 58-00105

Dear Mr. Anderson:

This letter shall serve as the noncompliance report (NCR) for January, 2016 as required by NPDES permit AR0021768.

During this reporting period City Corporation experienced permit violations for the following parameters:

1. Total Residual Chlorine (TRC) – Inst. Max.
2. Ammonia Nitrogen (NH<sub>3</sub>-N) – Monthly Avg. Mass, lbs/day
3. Ammonia Nitrogen (NH<sub>3</sub>-N) – Monthly Avg. Concentration
4. Ammonia Nitrogen (NH<sub>3</sub>-N) – 7-day Avg.

The above violations were caused by the following events at the Pollution Control Works during this reporting period.

1. The TRC violation was a result of defective analysis equipment used to monitor and regulate the sulfur dioxide system. City Corporation has contracted an engineering firm to evaluate our current system and develop corrective actions to ensure the system functions correctly. During the period of study and corrections, operators will operate the system in manual and monitor to ensure compliance with permit requirements.
2. The ammonia violation occurred during the middle of the month when the plant experienced slug loading that damaged the nitrifying bacteria. The pretreatment department is in process of trying to locate the source and type of toxin that entered the plant. Staff has also obtained some activated sludge from another activated sludge plant to help seed the aeration basin.

Should you have any questions or need other info please contact Larry Collins, Operations Manager at 479-968-2080 ext. 222.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Mallett", written in a cursive style.

Steve Mallett  
General Manager

cc: Larry Collins  
Randy Bradley  
File