



CITY CORPORATION

Russellville Water and Sewer System

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April 6, 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 March 2016 as required by NPDES permit AR0021768.

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

1. Oxygen, dissolved (DO) – Inst. Min.
2. Solids, Total Suspended – Monthly Avg. Mass, lbs/day
3. Solids, Total Suspended – Monthly Avg. Concentration
4. Solids, Total Suspended – 7-day Avg.
5. Ammonia Nitrogen (NH₃-N) – Monthly Avg. Mass, lbs/day
6. Ammonia Nitrogen (NH₃-N) – Monthly Avg. Concentration
7. Ammonia Nitrogen (NH₃-N) – 7-day Avg.
8. Coliform, Fecal – 7-Day Geometric
9. BOD, Carbonaceous – Monthly Avg. Mass, lbs/day
10. BOD, Carbonaceous – Monthly Avg. Concentration
11. BOD, Carbonaceous – 7-day Avg.

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

1. The ammonia violation is a continuation from an even that occurred in January. The activated sludge that was introduced into our system showed some improvement in the ability of our system to reduce the ammonia but has not fully recovered as of this report.

Staff has started introduction of magnesium oxide to the aeration basin to increase pH and alkalinity to proper levels.

2. The DO, TSS, CBOD and fecal violation are a result of loss of bio mass from the aeration basin during an increase flow due to storms during the month. During this time the storm water basins at the facility were full from previous rain events and all the flow to plant was pumped thru the plant.

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

Sincerely,



Steve Mallett
General Manager

cc: Larry Collins
Randy Bradley
File