



P. 479-968-2105
F. 479-968-3265

"Award Winning Water"

March 7, 2017

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 February 2017 as required by NPDES permit AR0021768.

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

1. Ammonia Nitrogen (NH₃-N) – Monthly Avg. Mass, lbs/day
2. Ammonia Nitrogen (NH₃-N) – Monthly Avg. Concentration
3. Ammonia Nitrogen (NH₃-N) – 7-day Avg.
4. Solids, Total Suspended (TSS) – Monthly Avg. Concentration
5. Solids, Total Suspended (TSS) – 7-day Avg.
6. Solids, Total Suspended (TSS) – Monthly Avg. Mass, lbs/day

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

1. The plant again this year experienced as temperatures dropped the sludge in our aeration basins became very fluffy and loss of the nitrification bacteria. The fluffy sludge carries over very easily and during an increase to plant flow due to storm events, the TSS violation occurred. We have reviewed all operational data and have determined a source of increased BOD loading to the plant. We are currently in contact with this industry in efforts to reduce the impact to the POTW. This industry is a food processing facility that uses quaternary ammonium compounds for their sanitation. These chemicals may also be part of the problem related to the loss of nitrification bacteria that causes the ammonia violation.

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

Sincerely,

Steve Mallett
Chief Executive Officer

cc: Larry Collins
Randy Bradley
File

205 W. 3rd Place
PO Box 3186
Russellville, AR 72811
citycorporation.com