



Nashville Public Works
Larry Dunaway
426 N Main St
Nashville, AR 71852

Cell 870-557-1953
Office 870-845-4015
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September 13, 2016

ADEQ
Gina Porter
Enforcement Analyst
Water Division Enforcement Branch
5301 Northshore Dr
North Little Rock, AR 72118-5317

RE: NPDES Permit #AR0021776 AFIN 31-00036 Effluent Violations

Dear Ms. Porter,

The City of Nashville experienced six (6) ammonia/nitrogen permit violations between the periods of January 2016 through April 2016. Four (4) of which were monthly average violations and two (2) were seven (7) day average violations.

The City of Nashville went through our first winter season using our new treatment process. As temperatures fell our ammonia/nitrogen levels increased. The levels remained high from January through April 2016. During this time the City of Nashville began a program in January 2016 to add caustic soda for alkalinity adjustment. This did not prove successful. In February 2016 the City of Nashville began the addition of magnesium hydroxide and this stabilized the alkalinity levels. Along with adding magnesium hydroxide the City also began the process of sludge removal from the aerated basins. This is an ongoing process.

As of May 2016 the City has been in compliance in this area. Knowing that lower temperatures are on the way we are taking measures to prevent the levels of ammonia/nitrogen from being elevated in the future.

If you have any questions or need anything further please give me a call.

Thank you,

A handwritten signature in cursive script that reads 'Larry Dunaway'.

Larry Dunaway
Public Works Director
City of Nashville

Nashville Public Works

426 North Main Street
Nashville, AR 71852

Address Correction Requested

SHREVEPORT

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PM 1 1



ADEQ

Gina Porter

Enforcement Analyst

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