



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

Cell 870-557-1953
Office 870-845-4015
Fax 870-845-7409

June 18, 2014

Gina Porter
Enforcement Analyst
ADEQ
5301 Northshore Drive
North Little Rock, AR 72118-5317

RE: NPDES Permit Number AR 0021776 AFIN 31-00036 Effluent Violations

Dear Ms. Porter,

The loading and concentrations violations are an issue which the plant's treatment units have been unable to keep in compliance due to both hydraulic and biological loading. The plant's DAF units have been running at a 24/7 time frame over the last six months unless maintenance on the units is done. The DAF units, in addition to the current aeration system, are unable to remove to the required effluent limit levels. The City is currently building a new aeration system and additional clarification to eliminate these issues. The new plant is an estimated six months from being in operation.

In addition, the City has started a city wide rehabilitation of the collection system which has seen peak wet weather flows into the plant decrease by 30%. This rehabilitation includes the replacement of existing lines and relining of manholes.

For the next six months, the City will start a different treatment operational cycle to increase the efficiency of the existing treatment units through reducing the amount treated from the stabilization lagoon prior to the DAF units. Currently the lagoon can hold 60 days of raw sewage without treatment. The reduced flow rate into the lagoon from the rehabilitation project should increase the storage volume closer to 80 days. With this increase in storage available, the City will reduce the treatment loading, both biological and hydraulic, to the DAF units to increase the overall efficiency of the design removal of ammonia nitrogen.

This operational cycle will continue until the new plant treatment units are operational.

Sincerely,

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 LA 711

15 JUN 2014 PM 4 L



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