



Mr. Richard Healey, Branch Manager, Water Division
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

Subject: **City of Fayetteville, AR Paul R. Noland Wastewater Treatment Plant
AFIN: 72-00781 NPDES Permit No. AR0020010
Notification of Anticipated By-Pass for Plant Improvements**

Dear Mr. Healey;

The City recently submitted a notification of an anticipated by-pass for plant improvements related to an approved State Construction Permit issued with an effective date of November 5, 2014. Loretta Reiber and you contacted me via conference call on June 18, 2015 to inform me that the City needed to document our consideration of any potential feasible alternatives to the anticipated bypass.

We are not aware of any feasible method of preventing influent flow from the treatment facility (we received an average of 5.2 million gallons per day in 2014), nor of any feasible method of pumping the influent flow to the City's other treatment facility on the other side of town, approximately 11 miles away. Hauling the flow to the other treatment facility would require over 1000 trucks per day on an average day basis. We are unaware of any practical or feasible method of providing this level of liquid hauling as hauling costs would likely be well over \$100,000 per day.

The current plan is to add sodium hypochlorite for disinfection to meet the existing NPDES permit requirements for fecal coliform and sodium thiosulfate for de-chlorination to reduce the effluent chlorine concentration to less than 0.033 mg/L. Pursuant to Part III. B. 4. b. 1. the City is re-submitting this Notice of Anticipated Bypass of the UV system and the installation of alternative disinfection equipment to maintain permit compliance. This "by-pass" will be discontinued upon successful installation and testing of the ozone equipment. The city will notify ADEQ when the construction is completed.

If you have any questions or require additional information, please do not hesitate to contact me at (479) 575-8390 or Mr. Billy Ammons at (479) 443-3292.

Sincerely,



Tim Nyander
Utilities Director
City of Fayetteville

Cc: Ms. Loretta Reiber, ADEQ
Mr. Allan Fortenberry, Beaver Water District
Mr. Billy Ammons, CH2M HILL

CITY OF

W/S

Fayetteville
ARKANSAS

113 W. Mountain Street
Fayetteville, AR 72701

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North Little Rock, AR 72118

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