



BENTON UTILITIES

BENTON, ARKANSAS

February 27, 2018

ADEQ
NPDES Enforcement Branch
Water Division
5301 Northshore Drive
North Little Rock, AR. 72118

RE: AFIN: 63-00063

NPDES: AR0036498

Attention: Mr. Richard Healey, ADEQ Enforcement Branch Manager

Dear Mr. Healey,

This letter is a follow up response to reported online bypass/overflows within the City of Benton's Treatment plant. The treatment plant reported 6 plant overflows occurrences that resulted from the heavy rains during periods over the last seven days. See the following reference numbers;

1. 4f9ae432-255d-4010-9d6e-d69597a76e49
2. a447d3c6-f7df-4a95-9c9f-10975d3951a5
3. c6500efe-d6be-4d95-a5b3-20993c9ddff3
4. a779bbca-80dd-4a0f-a760-8b01a8d3786e
5. 42406c81-c871-4eab-a727-23dcd31c7c36
6. 0b84de5e7806-401b-a07a-c8f67b76263d

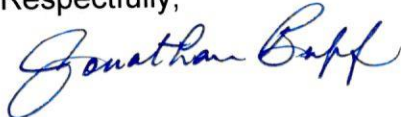
The treatment plant recorded rainfall in excess of 14 inches over the last six days. Due to this much rain equalization basin used for diverting wet weather flows reached its capacity of 57mg. The flows to the basin were causing an overflow, when basin topped out 30.2 ft. according to SCADA at a wet well/manhole that is 3ft lower than top of equalization basin. Therefore, pumps to equalization had to be shut down, this ended the overflow at the equalization basin. Each of the overflow occurrences in the plant were from one or both manhole #'s Q11-14 & Q11-15, and occurred while plant lift stations were pumping to try and keep up with the system. As rain ended the plant has still been trying to keep up with the rainfall I&I coming into plant. As plant started catching up with system a couple of the overflows resulted from heavier flow during the morning and evening hours on 2/26/2018. The overflows reached the plants outfall (001) discharge stream. Volumes are approximates based on plant pumping rates. Each occurrence has been disinfected and deodorized. Additional washing, raking, cleaning has been done. There has been no evidence of any adverse Health/ Environmental impacts.

On Sunday, our chemist came in and process control numbers were checked throughout the plant. All plant numbers were within permit parameters. Typical normal ammonia levels from influent raw sewer are 10-30 mg/l and with heavy rain the reading was 3.62 mg/l. The plant has treated 68.1 MGD over the last six days.

The plant will continue to push the maximum while meeting permit parameters. As the system allows, we will work diligently to keep everything within the system as well as try to bring return flows back from the equalization basin.

I hope this adds additional information about current bypasses that have occurred in the plant. If you have or need additional information, please do not hesitate to call my office at 501-776-5982.

Respectfully,

A handwritten signature in blue ink that reads "Jonathan Buff". The signature is written in a cursive style with a large initial "J".

Jonathan Buff, Mgr.
Benton Wastewater Treatment
616 W Hazel St
Benton, AR 72015
Ph.: 501-776-5982