

Gray, Gavin

From: Decatur Waste Water <wastewater@decaturarkansas.us>
Sent: Friday, October 11, 2019 12:56 PM
To: Gray, Gavin
Subject: Decatur Plant Overflow

Mr. Gavin Gray,

I just spoke to someone in your office, and I am sending this email to let you know of our Wastewater plant issues we have had, and are still having because of the torrential rainfall we have had off and on since Sunday Morning. Last night we received another 6.1" of rainfall according to our rain gauge. This is a summary of what happened last night and this morning.

Yesterday Thursday October 10th at about 6pm the wastewater plant had a PLC that failed we think due to lightning. We came to the plant and with the help of the manufacture of the electric panel put in a spare PLC and was able to get he plant back up and running about 7:45 pm. We did overflow the walls of the plant during this time. We ran fine the rest of the night, with water staying in the plant walls. This morning we had another outage of the same PLC panel at about 8 am, reprogramming of the the PLC took place and we were back up and running at about 9:30 am. Water overflowed the walls of the plant during that time as will.

Sometime before 6 am the influent lift station that movers water into the plant was not able to keep up with the flow that was coming down the pipe from all sources of wastewater. The station is functioning properly, we are moving in about 5.5 MGD, but much more than that must be coming at us because of the rain. Making maters worse out 9 MG equalization pond if full and backed up with excess water making our problem worse.

The plant is operating at max flow, about 5.5-5.7 MGD that is the good news. Water leaving plant is in compliance with our permit. Once the flow from businesses start going down this evening we expect the lift station to start keeping up and hopefully we can gain some equalization space in our pond before the new rains next week that are predicted.

The water that is overflowing our influent lift station for the most part is going down to are permitted outfall location. We do expect by 6-8 pm tonight to be keeping up with flow coming to us.

If you have any questions please give me a call at 479-212-0726.

Sincerely,

James Boston

Public Works Manager

City of Decatur

Permit number AR0022292