

## Thomas Harrington (adpce.ad)

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**From:** Terry Long <eswwtp@yahoo.com>  
**Sent:** Friday, January 26, 2024 3:37 PM  
**To:** Thomas Harrington (adpce.ad); Richard Healey (adpce.ad); Leslie Allen-Daniel (adpce.ad)  
**Cc:** Simon Wiley; Zane Lewis; Spencer Briggs  
**Subject:** AR0021865 - UPDATE - January 26 2023

Mr. Harrington,

Following is the update from the Eureka Springs wastewater treatment plant for Friday January 26 , 2024.

The effluent continues to look good, being clear and containing only very few solids particles with little to no discoloration as it should. Sludge wasting rates continue to be evaluated and adjusted to accommodate the decrease in both ambient temperature and the incoming BOD and TSS levels.

Concerning the status of the UV disinfection unit, no progress has been made this week due to employees being out sick. Both UV modules are still working although the communication between the control panel and one of the UV modules continues to be a problem. We will be in contact with the field service technician to get his advice on what we need to do next. We are still following our new SOP for SSOs at the wastewater treatment plant including notification of residents living downstream from the treatment plant as well as the general public and encouraging people to follow our Facebook page for further updates.

Concerning the elevated manhole that was reported to be leaking a few weeks ago, it still has not started leaking again. Along with with the assistance of our engineering firm McClelland Engineers, we are continuing to search for a contractor to come in and make the necessary repairs to the interior and exterior of the manhole to permanently ;eliminate the leak..

Concerning the overflow event at the main lift station that we experienced on Thursday January 11, 2024, we have the pumps in the lift station functional and operating again and we have our wastewater influent directed back through our Lakeside equipment as it should be. It appears as though pumps quit working because of loosing prime, because once we filled the pump housings with water and turned the pumps back on, they started working again. At this time, we are not sure why or how the pumps lost prime, but we feel as though it was caused by one of two things, either old and cracked any dried out seals, or there is too much gap between the pump impeller and the pump housing. We just recieved a quote for a set of new seals for all four (4) pumps. We are continuing to closely monitor the lift station to make sure that the pumps are working as they should.

This week, as a result of an SSO, we were requested to re-start the bacteria sampling that we had previously performed in the fall. The first set of samples were collected and delivered to the lab today for analysis and we will continue to collect samples and have them analyzed according to the preocedures previoully set forth.

This week we also experienced a small leak at a pipe joint, in the elevated portion of the influent line leading to the SBR basiins. The leak has since stopped so we are thinking that the cold weather

may have been responsible for the leak. There was a minimal volume that was lost with it all soaking into the ground. We spread lime over the area to help alleviate any odors and to help disinfect the area. We are monitoring the area for additional leaks while making plans to make repairs to the joint.

I trust that I have provided all the information that was requested and needed. If you require any additional information, please feel free to reach out and I will provide that as quickly as possible. I have made a note to continue to update you with the progress being made and I will submit another report to you on Friday February 2, 2024.

Thank you,

Terry Long, Plant Manager  
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