

Thomas Harrington (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Friday, January 19, 2024 10:15 PM
To: Thomas Harrington (adpce.ad); Richard Healey (adpce.ad); Leslie Allen-Daniel (adpce.ad)
Cc: Simon Wiley; Zane Lewis; Spencer Briggs
Subject: AR00021865 - UPDATE - January 19 2024

Mr. Harrington,

Following is the update from the Eureka Springs wastewater treatment plant for Friday January 19s, 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 started leaking again due to having to re-route the wastewater that flows through it. The reason for re-routing the wastewater is given below. 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..

On Thursday January 11, 2024, we experienced an overflow event, which as a result of quick actions from our employees resulted in only a minimal volume overflowing onto the ground, at our main lift station because the pumps in the lift station quit working. We initially believed this problem to be a mechanical issue with the pumps because we had power going to all the electric motors and the drive shafts going into the pumps were spinning as they should. The local representative for the pump manufacturer arrived at our facility on Friday January 12, 2024 and we discussed what was going on with the pumps and he then performed some checks. These preliminary checks revealed the potential problem(s) with the pumps which could be as simple as replacing some seals, or as involved and expensive as completely rebuilding or replacing the pumps. Obviously we are hopeful that replacing the seals will correct the problem because doing this will be so much easier, faster and less expensive than rebuilding or replacing the pumps. We are currently waiting on a quote for replacement seals. He was unable to give a definitive answer as to exactly what was going on and what would be needed to eliminate the problem. Because of this pump issue, we are still diverting the incoming wastewater around our Lakeside equipment

Concerning the leaking elevated manhole that started leaking because we had to divert the incoming wastewater around our Lakeside equipment and the lift station, this leak has stopped again.

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 January 26, 2024.

Thank you,

Terry Long, Plant Manager
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