

Thomas Harrington (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Wednesday, October 18, 2023 5:25 PM
To: Thomas Harrington (adpce.ad); Richard Healey (adpce.ad); Leslie Allen-Daniel (adpce.ad)
Cc: Simon Wiley
Subject: AR 0021865 Update

Mr. Harrington,

Following is the update from the Eureka Springs wastewater treatment plant for Wednesday October 18, 2023.

The effluent continues to look good, being clear and containing only very few solids particles with little to no discoloration.

Concerning the status of the motive pump for SBR#1, we are now ready to pull and inspect the motive pump. Today, October 18, the defective DeZurik 12-inch valve was replaced so we are now able to completely isolate the pump so we do not flood the pump room when we remove the pump. We have contacted the service team that the pump can now be safely removed and are waiting to hear when their schedule will allow them to pull the pump.

Concerning the status of the blower for SBR#1, the blower has been repaired as both the blower unit and the electric motor has been replaced.

Concerning the status of the UV disinfection unit, we have been in contact with the local, regional and national manufacturer's representatives and have discussed possible causes for the trouble we are experiencing and what steps we need to correct the problem. At this time, we have received a quote for additional UV bulbs and quartz sleeves which will be used to replace the other defective bulbs and also allow us to put some back to be used as spares, and a PO has been issued for those. We have also spoken with one of their field service technicians as he walked us through some items to check to help identify and correct the problem. As a result of those checks, he has suggested that we probably have a circuit card issue and has recommended one for purchase. At this time, we are waiting on a quote so we can place the circuit card on order. As a result of this upset, we are following our newly enacted SOP for SSOs at the wastewater treatment plant including the notification of down stream residents as well as the public in general. A part of this notification includes asking the residents and general public to follow the City of Eureka Springs Public Works Department page on Facebook for the latest updates. We are also collecting and analyzing for E. coli bacteria, samples taken from Leatherwood Creek at a minimum of every three days

Since my last report we have had no issues with solids being washed out of the plant or discolored discharges.

I hope and trust that I have provided all the information 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 October 20, 2023.

Thank you,

Terry Long, Plant Manager
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