

Thomas Harrington (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Monday, October 30, 2023 4:00 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 Monday October 30, .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, as previously stated when we removed the pump, it was very evident that the shaft was bent. We are waiting on an official report detailing the list (with pricing & availability) of bearings and seals that will need to be replaced,, but we know that we will have to replace the shaft and at least one bearing and seal. We also requested and received a quote to replace the pump with a new unit.. We have also asked that the repair shop do whatever they can to expedite the repairs of the pump as well as obtaining a quote for replacement..

Concerning the status of the UV disinfection unit, as previously stated after speaking with a field service technician for the manufacturer of the UV system, we ordered new UV bulbs and quartz sleeves, as well as a new DCA assembly. We received the DCA asswmbly Wednesday afternoon and it was installed Thursday morning. Replacing the DCA assembly allowed this module to power up, so the UV bulbs can be replaced even though the module and control panel are not communicating. The replacement UV bulbs and quartz sleeves arrived Thursday abd we began replacing all the UV bulbs in both modules. Once all the bulbs are replaced, we can plan to speak with the field seervice technician again for additional help correcting the communication issue between the UV modules and the control panel. We continue to follow 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. We continue to collect and analyze samples taken from eight (8) locations along Leatherwood Creek at a minimum of every three calendar days to monitor the e. coli level in the creek.

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 was 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 Wednesday November 1, 2023.

Thank you,

Terry Long, Plant Manager
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