

Thomas Harrington (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Wednesday, November 15, 2023 4:06 PM
To: Thomas Harrington (adpce.ad); Richard Healey (adpce.ad); Leslie Allen-Daniel (adpce.ad)
Cc: Simon Wiley; Zane Lewis; Spencer Briggs
Subject: AR 0021865 Update - Nov 15 2023

Mr. Harrington,

Following is the update from the Eureka Springs wastewater treatment plant for Wednesday November 15, .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, unfortunately there has been a lot of progress made. As previously stated the shaft was obviously bent when the pump was removed. We have received the quote for the repair of the old pump, the expenditure for repairs was approved and the repairs have been authorized. When the old pump is repaired and the new pump arrives, we will be able to have one motive pump in our spare parts inventory to help avoid downtime due to pump problems.

Concerning the status of the UV disinfection unit, there has been some progress made as we have completed the installation of new LCA assemblies in one of our UV modules. We continue to speak with a field service technician after replacing each item to let him know the status and to make recommendations as to what we need to do next. Thus far we have replaced all of the quartz sleeves and bulbs, one DCA assembly, half of the LCA assemblies, as well as several of the liquid tight strain relief fittings. 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.

Concerning the status of the influent valve for SBR#1, the valve is still inoperable, but a replacement actuator has been received and we are currently having the reverse internal acme threads milled in the brass drive nut which will allow the valve to open and close. At this time, we are expecting the actuator to be installed on Friday which will allow us to put SBR#1 back on-line.

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 Wednesday November 15, 2023.

Thank you,

Terry Long, Plant Manager
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