

Thomas Harrington (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Tuesday, November 14, 2023 8:53 AM
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

Mr. Harrington,

Following is the update from the Eureka Springs wastewater treatment plant for Monday November 13, .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, but are waiting for our city council to approve the expenditure. A new pump has been ordered so when the old pump is repaired, we will have a pump to put in our spare parts inventory.

Concerning the status of the UV disinfection unit, there has been some progress made as we received new LCA assemblies and have started the replacement process.. We are speaking 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, 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 ordered with expedited shipping. When the actuator arrives, but before the actuator can be installed, we will have to send the brass drive nut out to have reverse internal acme threads cut into it which will take an extra couple of days. As a result of the valve being inoperable, SBR#1 remains offline to avoid the possibility of an overflow occurring because the influent valve failed to operate. The result of taking SBR#1 offline is that all wastewater will be treated in one basin, which is possible, although not the preferred method.

The newly installed wireless security cameras is complete and the cameras are working great.

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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