

Thomas Harrington (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Friday, October 27, 2023 3:47 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 Friday October 27, .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, there has been some progress made in getting this problem eliminated. As previously stated, we know that the pump shaft must be replaced, but we are still waiting on the pump manufacturer to get back with us on pricing and availability of the necessary repair parts. We have however, received pricing and availability for a new replacement pump and a PO was issued today (Friday) for that purchase.

Concerning the status of the UV disinfection unit, there has been some progress made. Late Wednesday afternoon a new DCA assembly for one of the UV light modules was received. On Thursday morning the DCA assembly was installed which then allowed the entire module to power up. Also on Thursday morning the replacement UV bulbs and quartz sleeves were received and the process of changing out all the quartz sleeves and UV bulbs began. On Friday morning we finished replacing all the UV bulbs in one module and powered up the module, with most of the bulbs illuminating. This indicates that we are still having some electrical issues in the module. After the remaining defective bulbs have been changed in the other module, we will contact the field service technician in an attempt to find out why some of the bulbs are not illuminating, as well as why the UV modules and the control panel are not communicating. 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 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 Monday October 30, 2023.

Thank you,

Terry Long, Plant Manager
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