

Thomas Harrington (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Saturday, November 4, 2023 8:36 AM
To: Thomas Harrington (adpce.ad); Richard Healey (adpce.ad); Leslie Allen-Daniel (adpce.ad)
Cc: Simon Wiley; Zane Lewis
Subject: AR. 0021865 Update

Mr. Harrington,

Following is the update from the Eureka Springs wastewater treatment plant for Friday November 3, .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 continue to wait for the complet list of parts that wil need to be replaced and the pump rebuilt and have told the shop that we need the quote as soon as possible so we can move forward with this. A purchase order has been issued for the purchase of a new pump, so if we decide to repair the old pump, we will have a spare motive pump.

Concerning the status of the UV disinfection unit, as previously stated we have spoken to a field service technician about our UV system and ordered new bulbs and sleeves and a new DCA assembly. The DCA has been installed which allowed us to power unit the module. The quartz sleeves and bulbs have been replaced throughout both UV modules. When the modules were lowered back into the channel, it was observed that a few of the quartz sleeves floated up into the module and the nonmetallic liquid tight strain relief assemblies for these bulbs were replaced. While we were replacing the UV bulbs we discovered that the wire connectors on several of the LCA assemblies had become brittle with age and heat and broke off, so we have requested a quote for some replacement LCA assemblies as well. 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 Monday November 6, 2023.

Thank you,

Terry Long, Plant Manager
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