

## Thomas Harrington (adpce.ad)

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**From:** Terry Long <eswwtp@yahoo.com>  
**Sent:** Friday, December 22, 2023 3:55 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 - December 22, 2023

Mr. Harrington,

Following is the update from the Eureka Springs wastewater treatment plant for Friday December 22, 2023.

The effluent continues to look good, being clear and containing only very few solids particles with little to no discoloration.

Both SBR basins are fully functional and operating the way they should. I have adjusted the sludge wasting rates in both SBR basins in an attempt to maintain a healthy MLSS content. These adjustments involved increasing the wasting rate from SBR#1 to remove more solids than what are being generated daily. I have also slightly reduced the sludge wasting rate from SBR#2 because fewer solids are being generated with SBR#1 being back on-line. .

Concerning the status of the UV disinfection unit, progress continues to be slow. Both UV modules are still working. We still have a communication issue between the control panel and one of the UV modules, but we are continuing to attempt to identify and eliminate the problem. We have been speaking to a field service technician to let him know the status and to make recommendations as to what we need to do next. We are still following 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.

Since my last report I am sad to report that we have had a new issue develop. The first manhole inside the property lines of the wastewater treatment plant has developed a leak. This manhole is elevated and has one pipe entering it, and two pipes leaving it. This is a problem that we have previously encountered, which appears to be the result of the ductile iron and concrete walls of the manhole expanding and contracting at different rates as the ambient temperatures change. Previously we have had concrete contractors come in and replace the grout on the inside and outside of the manhole and apply a sealant around the pipes where they enter the manhole. This type of repair has been lasting for four (4) or five (5) years. As an immediate and temporary repair we will be contacting contractors who perform this kind of work and make these types of repairs to obtain quotes for the work. Additionally, the engineering firm that we use, McClelland Engineers will be assessing the situation to determine the best course of action for a permanent solution.

I hope and trust that I have provided all the information that was 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 Friday December 29, 2023.

Thank you,

Terry Long, Plant Manager  
Eureka Springs WWTP

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