

## Richard Healey (adpce.ad)

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**From:** Terry Long <eswwtp@yahoo.com>  
**Sent:** Friday, October 27, 2023 1:16 PM  
**To:** Richard Healey (adpce.ad)  
**Cc:** Simon Wiley; Zane Lewis; Spencer Briggs; Nick Batker  
**Subject:** 23-2159 Eureka Springs WWTF NPDES Permit AR0021865, AFIN: 08-00036  
**Attachments:** Discharge #1.jfif; Discharge #2.jfif; Post Aeration.jfif; Effluent Discharge #1.jfif; Stilling well.jfif; Junction box.jfif; Stilling well & junction box.jfif; Transducer wires.jfif; Transducer - new.jfif

Mr. Healey,

The following is meant to satisfy the items listed in Item #2, specifically the unpermitted discharge, of the response letter from McClelland Consulting Engineers dated October 20, 2023.

We do believe that the unpermitted discharges involving our mixed liquor have ceased as a result of increased wasting rates from our SBR basins. Please see the attached pictures showing our discharge into the receiving stream, Leatherwood Creek, as well as a picture of our post aeration basin during a decant event.

We believe that the issue with the pressure transducer providing erroneous readings has been corrected. The pressure transducer is located near the bottom of a stilling well and connected to the wiring going to our PLC in a junction box located on the walls of our SBR basins. The junction box has been opened, water and moisture removed, and the connections rewired. It appears as though an abnormally high-water level in the SBR basin allowed water to seep into the box and interfere with the wiring connections. Pictures showing the top of the stilling well; the junction box; the wires on the end of the pressure transducer; and a new pressure transducer are attached.

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.

Thank you,

Terry Long, Plant Manager  
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