

**From:** Neal, Conor <Neal.Conor@epa.gov>  
**Sent:** Monday, July 29, 2019 11:04 AM  
**To:** Ziegelbauer, Heather/MKE  
**Cc:** Jeffrey Howard Danko; Joseph Janeczek; Carey, Angela J - DNR; Killian, James - DNR; Ryan Suennen; Finney, David/BOS  
**Subject:** RE: Quarterly Progress Report - Tyco Fire Products LP

Heather,

In addition to the question about the quarterly report in my email below, I am writing to respond to Tyco's recommendation to eliminate MW107D from the SeriesSEE transducer location list. Based on the manual water level measurements collected between 2009 and 2018 listed in Appendix A of the 2018 Five Year Review, it appears that it is rare for the water table to be higher than the top of casing in MW107D; I could not find a measurement during the reporting period when this occurred. At this time, EPA does not agree with Tyco's recommendation to remove MW107D from the SeriesSEE transducer locations.

Please let me know if you have questions.  
Conor

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**From:** Neal, Conor  
**Sent:** Tuesday, July 16, 2019 12:00 PM  
**To:** Ziegelbauer, Heather/MKE <[Heather.Ziegelbauer@jacobs.com](mailto:Heather.Ziegelbauer@jacobs.com)>  
**Cc:** Jeffrey Howard Danko <[jeffrey.howard.danko@jci.com](mailto:jeffrey.howard.danko@jci.com)>; Joseph Janeczek <[joseph.janeczek@jci.com](mailto:joseph.janeczek@jci.com)>; Angela Carey <[angela.carey@wisconsin.gov](mailto:angela.carey@wisconsin.gov)>; [JAMES.KILLIAN@WISCONSIN.GOV](mailto:JAMES.KILLIAN@WISCONSIN.GOV); Ryan Suennen <[ryan.suennen@jci.com](mailto:ryan.suennen@jci.com)>; Finney, David/BOS <[David.Finney@jacobs.com](mailto:David.Finney@jacobs.com)>  
**Subject:** RE: Quarterly Progress Report - Tyco Fire Products LP

Heather,

Thank you for submitting the quarterly report.

Can you provide more detail on the operational and maintenance issues with the GWCTS that are limiting operational run time? I note that the GWCTS has operated for 72 days this year (27 in Q2, 45 in Q1). This rate of operation is on pace to be significantly less than the operating days in 2011 through 2017 reported in the 2018 Five Year Review.

Thank you,  
Conor

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**From:** Ziegelbauer, Heather/MKE <[Heather.Ziegelbauer@jacobs.com](mailto:Heather.Ziegelbauer@jacobs.com)>  
**Sent:** Monday, July 15, 2019 5:01 PM  
**To:** Neal, Conor <[Neal.Conor@epa.gov](mailto:Neal.Conor@epa.gov)>  
**Cc:** Jeffrey Howard Danko <[jeffrey.howard.danko@jci.com](mailto:jeffrey.howard.danko@jci.com)>; Joseph Janeczek <[joseph.janeczek@jci.com](mailto:joseph.janeczek@jci.com)>; Angela Carey <[angela.carey@wisconsin.gov](mailto:angela.carey@wisconsin.gov)>; [JAMES.KILLIAN@WISCONSIN.GOV](mailto:JAMES.KILLIAN@WISCONSIN.GOV); Ryan Suennen <[ryan.suennen@jci.com](mailto:ryan.suennen@jci.com)>; Finney, David/BOS

<[David.Finney@jacobs.com](mailto:David.Finney@jacobs.com)>

**Subject:** Quarterly Progress Report - Tyco Fire Products LP

Conor,

On behalf of Tyco, attached is the quarterly progress report covering the period from April 2019 through June 2019. Hard copies will be forwarded via regular mail. Please let us know if you have any questions.

Regards,

**Heather Ziegelbauer, PE\***

Jacobs

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