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Sent: Tuesday, October 03, 2023 1:22 PM PDT
To: Curt Fujii <curt.fujii@wasteconnections.com>; Adam Gooderham <Adam.Gooderham@WasteConnections.com>; Kelly Kincella <Kelly.Kincella@WasteConnections.com>
CC: Ex, Peter <PETER.EX@countyofnapa.org>; Roberson, Keith@Waterboards <Keith.Roberson@waterboards.ca.gov>
Subject: UVDS

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Hi Curt,

I wanted to summarize our findings at UVDS for Adam and Kelly's sake, and talk next steps.

On Thursday, 9/28/23, we (myself, Curt, Frank, Peter, and William with Subtronic) walked the site to investigate the allegations of ghost piping made by a former employee:

1. Subtronic did not locate any pipes between the pond and the homes onsite, however, they recommended testing sediment in the bottom of the water heater to compare to the pond for extra verification.
2. A dry well (?) was located at the north end of the site adjacent to the creek and vineyards. Curt attempted to measure the depth, approximately 17 feet bgs with water at 13 feet bgs (please correct me if I'm wrong, Curt). We recommended sampling this water to verify it was just groundwater.
3. A culvert intercepting the creek and running beneath the access road (north to south) was discovered, but it's purpose unknown. The terminus of this culvert is at the south end of the site adjacent to the vineyard.
4. Irrigation piping was also located in this general area, but the source is unknown- suspect it's from the offsite nursery to the west but should be verified.
5. A metal pipe was observed in the creek, running under the access road and toward the pond. The pipe should be fully mapped out and its purpose determined.
6. Many pipes were observed leading into/out of the two sumps between the pond and the stormwater swale- these need to be identified and labeled.
7. PVC pipes were found to be entering/exiting the leachate pond at the NE corner. Determine the purpose, and the extent of these pipes.

In speaking with William onsite, he indicated that a camera should be run through the culvert paralleling the creek, and also the metal pipe entering the creek. He also indicated they were booked 2-3 weeks out and that Waste Connections should try to schedule another visit soon. I would concur- with the rainy season coming up, it would be good to get all this work done ahead of the creek having water in it again.

Please let us know when this work is planned so I can come back and observe again. This visit will also serve as a wet weather inspection, and will include CFL.

Thanks,

Alyx Karpowicz, P.G.
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