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Sent: Tuesday, May 23, 2023 1:30 PM
To: Saliars, Gwen N - DNR; Demers, Gerald L - DNR; Zewicki, Alicia M - DNR
Subject: Delafield Landfill - Follow-up for Condensate Sump and Air compressor maintenance

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Gwen/Gerald/Alicia,

Yesterday, I was at the landfill for the contingency tasks approved last week. Here is a summary of work completed

- Ingersoll Rand Technician inspected Air Compressor #1 and #2
 - o Air compressor #1 appeared fine but he turn up the voltage to make sure it didn't power down when air needed to be compressed
 - o Air compressor #2 has a bad starter and will need to be replaced
 - The part is ~\$260.00 then plus the costs for installation
 - The part will need to be ordered, then installed
 - In general, the air compressors are in bad condition, and parts may become outdated within the next few years
 - Repair costs in the short term may be more than what a new system cost to install
 - o The Condensate sump at CS-1 was not operating properly
 - similar issues were noted in 2020 when the pump was removed, reassembled and put back into service
 - During this trip, the pump was removed and cleaned, so the leachate hauler could removed the build up condensate
 - Prior to the pump removal, the pump was readjusted and begin operating, shortly after, condensate, was building up at the ground surface
 - A break in the line or building near the leachate tank may be causing this
 - Since multiple issues were noted, it was impossible to the direct cause of the condensate back up, however, the condensate backup and discharging through the ground surface will need to be assessed in the short term
 - Approximately 600 gallons were removed from CS1 and vacuum has been restored to the west side of the landfill

I plan to get costs for the air compressor repair and what has already been spent time wise to see if we have budget to get the Air compressor #2 start repair covered under this years contingency costs. I'll share this in our chat next week. Will you three be around mid-next week?

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