From:	Spradlin, Kollan
To:	Madden, Melissa
Cc:	Ruiz, Larry; Clark, Bruce; Morgan, Steve; Byer, Kimberly; Freedenberg, Henry; Dilmore, Cory; AdamsDS@HillsboroughCounty.ORG; Robert Westly; Pelley, Cindy; O"Neill, Joseph; Devitt, Caroline; Curtis, Bob
Subject:	SCLF - Liquid Assessment Monitoring - Update 7/07/2017
Date:	Friday, July 7, 2017 4:55:49 PM
Attachments:	Liquid Assessment Water Level Table 20170707.pdf

Melissa,

As requested by the SWMD, the following is a weekly update on the progress of work completed at the Southeast County Landfill related to the Phase II liquid assessment:

LFG EW Dewatering

- Pneumatic pumps in four LFG extraction wells (EW-38, EW-44, EW-48, and EW-66) and condensate traps CT-1 continue to pump approximately 874 (avg.) gallons per day (GPD) combined.
- Condensate traps CT-2 and CT-3 continue to be dry.

TPS-2

- The SWMD is pumping from a sump on the east side of Phase II (TPS-2). The liquid is pumped to the main leachate pump station for collection and ultimate treatment. TPS-2 is pumping an average of 5,000 GPD. The significantly increased pumping rate may be a result of dewatering rainfall from the cutoff trench or an increased supply of leachate from the trench. We will monitor the pumping rate as we finalize Cut-Off Trench work.

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Phases I and II Leachate Dewatering Wells

- Two pneumatic pumps were installed at each of the two locations. These wells are currently pumping an average 1,400 (avg.) GPD combined. The downhole camera investigation appeared to verify that the casings have not collapsed, but we were unable to verify how straight the casings were. The surging and vacuuming on the Phase II wells appears to have cleared approximately 1.5 feet of sediment in each casing. The pumps were readjusted and are now cycling quicker, but it appears that the cycle counters are malfunctioning. The pump settings are being evaluated and adjusted to optimize flow rate. We plan to conduct maintenance on the pump and wellhead accessories next week in order to optimize flow and to obtain accurate readings. In order to get the vacuum truck close enough to the Phase II wells to vacuum sediment, construction of a temporary mulch access road will begin next week.

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Piezometer Liquid Levels

- A PDF of the updated water level data table is attached.

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Phase II Cut-off Trench

- Construction of the Phase II Cut-Off Trench began Monday, June 26, 2017. The excavation crew has trenched approximately 900 feet along the eastern side of Phase II to the southeast corner, and has not yet found the header pipe. The crew expects that they will complete work next week. Although they have excavated nearly 1,000 feet, only a small amount of

liquid has been discovered.

Please contact Bruce Clark, Bob Curtis, or me if you have any questions or require additional information.

Regards,

Kollan

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