

To: Brian Helminger
Subject: RE: HOVMSD project

Hi Brian,

We received the lab results and are tabulating those. Below is a summary of the results.

As I noted in my summary of the May 17, 2023 field activities, we were not able to complete all of the proposed soil sampling due to the extent of the backfill within the area and based on utility locations. This is because we did not want to sample the newly placed backfill soils, as those are not the soils that were initially on-site. We were able to complete three borings around the Filter Splitter Structure (rather than the initially planned four borings), including one boring near the contaminated soils area identified in October 2022 (SB-2), one boring just south of there (SB-1), and one boring to the west of the Filter Splitter Structure (SB-3). We collected soil samples at depth, which appeared to be native soils, rather than the backfill. Around the April 2023 contaminated soils area (south of the Filter Splitter Structure and north of the former service road), we were able to complete two soil borings to the west/southwest of this area (rather than the originally planned four borings). Again, we were able to collect soil samples at depth in this area, where native soils were encountered at SB-6 and SB-7 (which were located to the west of the influent pipe to the Filter Splitter Structure).

Based on the laboratory results for soil, minor exceedances of the applicable soil Residual Contaminant Levels (RCLs) were detected at soil boring SB-3 (to the west of the Filter Splitter Structure) for benzo(a)pyrene and chrysene at a depth of 7-8' below ground surface. However, these parameters were below their RCLs in the deeper soil sample at 11-12' below ground surface at SB-3. Chloroform was also detected above its protection of groundwater RCL at soil boring SB-1, 10-11' below ground surface; however, chloroform was not detected in the groundwater sample collected at SB-1. No VOCs were detected in the two groundwater samples collected at locations SB-1 and SB-2.

These lab results are favorable, as they provide evidence of "clean soils" in the remaining deeper, native soils. We did not sample the newly placed backfill soils. The lack of detected VOCs in groundwater is also encouraging.

Our next step is to prepare a sampling results notification for the submittal of the lab results to the WDNR. We will also be working on the Site Investigation report to summarize the May 17th field activities and these lab results.

I hope that information helps in preparation for this evening's Commission meeting. If you have any questions or need additional information, please let me know.

Thanks,
Abby

Abby Reichling, PE (WI)
Sr. Engineer
Short Elliott Hendrickson Inc. (SEH®)
608.790.9091 direct | 608.482.3063 mobile

Building a Better World for All of Us®
100% Employee Owned
Follow SEH on [LinkedIn](#)