

Memo

To: Coakley Executive Committee
From: Peter Britz, Coakley Coordinator
Date: December 9, 2020
Re: Activity report

Surface Water Treatment

The first phase of a pilot study to determine effectiveness of the treatment blankets is complete. Three rounds of sampling should be completed in the next week or two. Once all the test results have been received they will be reviewed and used as a basis for next steps.

Deep Bedrock Study

The NHDOT agreement to access the land where the proposed well will be installed was received about a week before the planned install date of November 25. However due to heavy rain the install has been delayed due to access constraints. The area became very wet and inaccessible for drill rig without matting. Quotes from a timber mat company have been requested. Once a firm has been selected the mats will go in and the work can be completed.

DOJ Bill

The Department of Justice OU-2 reimbursement, Invoice 12, was sent out December 3 for \$91,078.62 for the period of September 2019 through August 2020.

CES Contracts

- 1) Direct Push Investigation: Groundwater results for overburden monitoring well MW-21S, sampled in September 2019, showed concentrations of 1,4-dioxane at 27.3 ug/L, with concentrations of 1,4-dioxane reported as Not Detected (ND) in both the shallow (MW-21D2) and deep (MW-21D1) bedrock intervals. The overburden concentration at this well is similar to that reported within nearby overburden monitoring well location FPC-6A (19.3 ug/L). In order to investigate the potential for migration within the overburden groundwater west of MW-21 a direct push installation of temporary monitoring wells was approved to further delineate the boundary of the GMZ. The additional overburden groundwater elevation data is also anticipated to help confirm the conceptual site model relative to bedrock groundwater flow paths. The proposed work was described in the Deep Bedrock workplan addendum approved by EPA in August 2020. A contract for this work is attached for review and approval. (*Change in Services_Deep Bedrock Investigation_DPT_10424016*)
- 2) Also as part of the deep bedrock work plan amendment we agreed to conduct additional investigations on an existing well BP-4. This work will include redevelopment of that well and downhole geophysics investigations in preparation to add this well to ongoing site monitoring. In addition to that work the contract for drilling of MW-25 needs to be executed along with the geophysical work needed for that new well. That work will commence once the timber matting has been installed and the contractor can reach the site. This work is contained in the attached contract which needs approval (*Contract Amendment_Deep Bedrock Investigation_10424016-06*). The location of the proposed well is just East of GZ-105. I have attached a site plan for reference (Figure 2_Site Plan).