

**USEPA and NHDES Community Update
Coakley Landfill Superfund Site
December 5, 2018**

1. Treatment systems have been installed by the Coakley Landfill Group (CLG) at two private wells that exceeded the recently revised NHDES ambient groundwater quality standard (AGQS) for 1,4 dioxane (adjusted downward from 3 parts-per-billion to 0.32 ppb on September 1, 2018). One private well is a residence just northwest of the landfill on Breakfast Hill Road, and the other is the Breakfast Hill Golf Club. The treatment systems are operating and have been approved by NHDES. NHDES is requiring that the CLG expand the Site GMZ to incorporate these two properties. It is important to note that the concentration of 1,4-dioxane in these two private wells has maintained relatively consistent levels since sampling began in 2012.
2. Samples from packer testing of newly installed bedrock boreholes have been analyzed for PFAS, 1,4 dioxane and VOCs, and preliminary data has been provided to the agencies. Validated data is anticipated to be submitted next week. The CLG continues to pursue access to 7 historic bedrock boreholes located north, south and east of the landfill for surveying and sampling and has gained verbal agreement to access 3 of the wells.
3. Wet weather storm water runoff samples were collected from landfill cover retention basins and discharge culverts, underdrain discharge locations and landfill seep locations on October 27. These samples were collected in accordance with a work plan that CLG prepared and EPA reviewed and approved, to further investigate the extent of PFAS contamination potentially associated with landfill cover material. Samples are being analyzed and results will be provided once the data is reported by the lab. Additional sampling at these locations will be conducted in the spring.
4. Representatives from the United States Geological Survey (USGS) visited the site on October 24 to become more familiar with site features and to discuss the scope of work for modeling localized, site-specific groundwater flow characteristics (model). Based on the findings of this visit, the USGS prepared a revised scope of work which has been reviewed by EPA. An interagency agreement for the development of this model is being finalized. Development of this model is scheduled to take about 12 months, although adjustments to the schedule may be needed based on the collection of data from the ongoing bedrock investigation that will be used in the model.
5. The CLG has conducted its fall monitoring round, including sampling of groundwater monitoring wells, surface water, leachate and off-site wells. Samples are being analyzed by the lab and results should be available within two weeks.

Documents added to EPA Coakley Site Profile page during October & November 2018:

11/07/2018 [DEEP BEDROCK INVESTIGATION - REVISED TIMELINE](#) (4 pp, 906.62 KB)

10/29/2018 [LETTER REGARDING REQUEST FOR UPDATED BEDROCK INVESTIGATION SCHEDULE](#) (2 pp, 749.25 KB)

10/23/2018 [MEMO REGARDING RESPONSE TO 10/10/2018 STATEMENT \(07/12/2018 EMAIL AND STATEMENT ATTACHED\)](#) (6 pp, 1.2 MB)

10/01/2018 [FINAL STORMWATER INVESTIGATION WORK PLAN \(10/24/2018 RESPONSE TO COMMENTS LETTER ATTACHED\)](#) (16 pp, 5.22 MB)