

Frost Street Sites
Groundwater Extraction Hydraulic Containment
Daily Summary
Wednesday, July 26, 2017

Drilling was performed at the profile boring/EX-1D.

- Rods were advanced and soil was logged to 155'.
- Seven groundwater samples were collected (95'-97', 105'-107', 115'-117', 125'-127', 135'-137', 145'-147' and 155'-157').
 - Four groundwater QA/QC samples were collected (Duplicate of 105'-107', MS of 115'-117', MSD of 115'-117' and an Equipment Blank from the sampler).
- One soil sample was collected from 119'-120' due to a PID reading of 5.5.
 - Three soil QA/QC samples were collected (Duplicate of 119'-120', MS of 119'-120' and MSD of 119'-120').

A photograph of the conclusion drilling activities for the day is provided below.



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Daily Summary
Thursday, July 27, 2017

Drilling was performed at the profile boring/EX-1D.

- Rods were advanced and soil was logged to 215'.
 - (205'-215' was not visually logged due to GW sampler needing to be driven 5' more feet due to drilling mud in sampler, subsequently, there was no recovery for the 210'-215' soil sample).
- Five groundwater samples were collected (165'-167', 175'-177', 185'-187', 195'-197', and 210'-212').
 - Four GW QA/QC samples were collected (MS of 175'-177', MSD of 175'-177', Duplicate of 210'-212' and an Equipment Blank from the GW sampler).
- A composite grain size soil sample was collected from 150'-200'.
- Jeffrey Dyber from NYSDEC visited the site.

A photograph of a portion of a soil sample is provided below.



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Daily Summary
Friday, July 28, 2017

Drilling was performed at the profile boring/EX-1D.

- Rods were advanced and soil was logged to 245'.
 - Drilling was terminated at 245' due to the presence of a clay layer (see photographs below).
- Three groundwater samples were collected (215-217', 225-227', and 235-237').
- Two soil samples were collected in the clay (238-239' and 241').
- A composite grain size soil sample was collected from 200-240'.



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Daily Summary
Monday, July 31, 2017

- The gamma log was completed today in profile boring EX-1D
- The drillers began installing the casing to facilitate extraction well installation in profile boring EX-1D.
 - The 8-inch casing was driven to 140'.

