



<b>Project Name:</b> National Heatset Printing Company Remedial Site Optimization	<b>Wind Direction:</b> Calm
<b>NYSDEC Site #</b> 152140	<b>Weather (am):</b> mid 70s, Mostly cloudy
<b>Contract #</b> D006129-07	<b>Weather (pm):</b> mid 80s, Cloudy
<b>Location:</b> Babylon, New York	<b>Arrival time:</b> 0650
<b>EA Staff:</b> Patrick Gannon	<b>Departure time:</b> 1800

<b>HEALTH AND SAFETY</b>	
Tailgate Safety Topic of the Day:	Thunderstorm potential, heat stress
Any changes to the HASP:	no
Are monitoring results at acceptable levels?	Soil: n/a Water: n/a Air: n/a

**DESCRIPTION OF WORK PERFORMED**

**Soil Borings**

EA continued soil borings for the day, with the goal of continuing to delineate the DNAPL, north of the building. Over the course of the day EA and Cascade completed soil boring SB-01C, SPC water sampling at SPC-01C-84, and completed soil boring SB-01D. DNAPL was detected at 84 feet bgs at SB-01C and SB-01D. The goal for next week is to complete SB-01E, SB-01BN (18 feet north of SB-01B), and SB-01A. Additional soil borings may be warranted based on the presence/absence of DNAPL at the additional soil borings.

- 0650 P. Gannon (EA) and Cascade arrived onsite
- 0710 Conduct health and safety meeting and discuss the plan for the day
- 0715 Mobilize to SB-01C
- 0740 Resume SB-01C starting at interval 45-50 feet bgs
- 1040 Complete SB-01C, DNAPL present at clay interface at 84 feet bgs. Cascade breaks down and preps to do a SP water sample at 84 (screen interval of 86-82) feet bgs. DNAPL soil sample collected between 84.5 feet bgs-83.5 feet bgs
- 1200 Purge 8.6 gallons (three casing volumes), Cascade begins SB-01D
- 1258 sample at SPC-01C-84
- 1300 Cascade at 50 feet bgs at SB-01D
- 1601 Complete SB-01D, DNAPL present at 84 feet bgs, soil sample collected at 84.25-83.50 feet bgs. Cascade begins to break down for the weekend, and clean the site
- 1715 P. Gannon and Cascade offsite.



Photographs



SB-01C: Soil boring interval 80-85 feet bgs (deeper sediment toward the bottom of the photo frame). DNAPL present at 84 feet bgs, with sheen, staining, and smell of product.



SPC-01C-84: Purging/groundwater sampling set-up. Removing three casing volumes prior to sample.





SB-01D: Soil boring SB-01D in progress





Department of  
Environmental  
Conservation

**Daily Field Report**  
**Heatset RSO**  
**Thursday July 7, 2022**



SPC-01C-84: Purge water with sheen, approximately 6 gallons purged.



SB-01D: Soil boring interval 80-85 feet bgs (deeper sediment toward the bottom of the photo frame). DNAPL present at 84 feet bgs, with sheen, staining, and smell of product. Note: The acetate liner was stuck in the well casing and had to be poured out of the casing onto the table.





SB-01D: Close up of the DNAPL at soil boring SB-01D.