



Project Name: National Heatset Printing Company Remedial Site Optimization	Wind Direction: calm
NYSDEC Site # 152140	Weather (am): Low 70s, overcast
Contract # D006129-07	Weather (pm): low 80s, mostly cloudyr
Location: Babylon, New York	Arrival time: 07000
EA Staff: Patrick Gannon	Departure time: 1730

HEALTH AND SAFETY	
Tailgate Safety Topic of the Day:	Heat stress, best-lifting practices
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 DNAPL Delineation

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-01DN, collected SP water sample at SPC-01BN-84, and completed SPC-01BN-84. DNAPL was detected at 82-84 feet bgs in SB-01DN. The goal for tomorrow is to complete SB-05, inside the warehouse.

- 0700 P. Gannon (EA) arrived onsite
- 0710 Cascade arrived onsite P. Gannon, conducts health and safety meeting and discusses the plan for the day
- 0720 Mobilize to SPC-01BN-84
- 0800 Cascade begins SPC-01BN-84
- 0850 Begin purging SPC-01BN-84, purge 8.6 gallons
- 0948 Sample at SPC-01BN-84
- 1000 Move off of SPC-01BN-84 to SB-01DN
- 1048 Begin SB-01DN
- 1530 Complete SB-01BN, DNAPL present
- 1535 Begin SPC-01DN-84
- 1615 Begin purging SPC-01DN-84
- 1642 Sample at SPC-01DN-84
- 1700 Cascade breaks down for the day
- 1720 P. Gannon and Cascade departs site for the day.



Photographs



SPC-01BN: Initial purge water from water at 84 feet bgs.



Purging at SPC-01BN-84.



SB-01DN: View of DNAPL in soil interval 80-85, the screwdriver marks 83 feet bgs.



SB-01DN: View of DNAPL at gravel-clay interface. Free product present in gravel pore space, the screwdriver marks 83 feet bgs.



SPC-01DN-84: Initial sheen in purge water from 84 feet.