

SITE OBSERVATION REPORT

PROJECT No.: 140115301	CLIENT: Enclave on 241 Street, LLC	DATE: 12/12/2018
PROJECT: Enclave on 241st Street Development		WEATHER: Overcast, 30's
LOCATION: 714 East 241 st Street, Bronx, NY		TIME: 8:00 am – 12:45 pm
CONTRACTOR: Environmental Industrial Services Corp. (EISCO)	LANGAN REP. : Vikki Hon	
CONTRACTOR'S EQUIPMENT: Vacuum Truck	PRESENT AT SITE: Day 008 Langan: Vikki Hon EISCO: Alex Czaplicki	

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan is onsite to execute activities outlined in the Light Non-Aqueous Phase Liquid (LNAPL) Extraction Work Plan (dated 23 August 2018), which was approved by the New York State Department of Environmental Conservation (NYSDEC) in a letter dated 31 August 2018. This is the second LNAPL extraction event completed at the site; the first event took place on 20 September 2018.

SITE ACTIVITIES:

- 1) V. Hon and EISCO vacuum truck driver/operator Alex Czaplicki onsite at 8:00 to clear area and set up for Vacuum Enhanced Fluid Extraction (VEFR) event. Health and safety tailgate was conducted. Equipment unloaded and staged near MW-29R (new 4-inch diameter monitoring well that was installed on 21 November 2018 to replace the monitoring well MW-29 that was recently inadvertently destroyed during building demolition activities). Workplan activities began by taking headspace VOC readings in well (~71.3 ppm) and gauging depth to water (8.18 feet btoc) and depth to bottom (19.38 feet btoc). No measurable product was detected.
- 2) The vacuum truck connected to knock-out pot and wellhead assembly. Stinger drop-tube was placed approximately ½-foot above the water level. Vacuum applied and leaks were addressed. Gate valve was slowly opened until a vacuum of 8-10 inches of mercury was applied to the wellhead.
- 3) Extraction rate was measured using the sight tube and knockout pot. Stinger tube was periodically moved down to create extraction continuity. Extracted fluids consisted of mostly clear to light brown groundwater. No product was detected during extraction activities.
- 4) Vacuum stopped at 12:15. Vacuum truck measured to have extracted approximately 85 gallons of water (no measureable product).
- 5) Wellhead disassembled and product/water level gauged. No measurable product was detected. Water level at 10.71 feet btoc.
- 6) EISCO offsite at 12:40.
- 7) In accordance with the NYSDEC-approved Work Plan, Langan deployed a hydrophobic absorbent sock at MW-29R at the conclusion of the VEFR event to further reduce the volume of LNAPL (if present) in the subsurface surrounding the well.
- 8) Site demobilized and Langan offsite at 12:45.

Cc:	Ryan J. Wohlstrom, Jamie P. Barr	By:	Vikki Hon
			LANGAN

SITE PHOTOGRAPHS:



Photo 1: Location of MW-29R



Photo 2: Wellhead assembly on stinger drop tube

Cc: Ryan J. Wohlstrom, Jamie P. Barr

By: Vikki Hon

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Photo 3: Fluid observed in sight tube

Cc: Ryan J. Wohlstrom, Jamie P. Barr

By: Vikki Hon

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