

DAILY FIELD REPORT - DAY 04

PROJECT No.:	170361306	CLIENT:		DATE:	Fri., February 10 th , 2023
PROJECT:	514 Union Street	Gowanus President Owner		WEATHER:	Clear, 56 – 59 °F Wind: W @ 3 – 8 mph
LOCATION:	Brooklyn, New York			TIME:	7:00 am – 4:45 pm
BCP SITE ID:	C224318			MONITOR:	Audrey Seery
EQUIPMENT:		PRESENT AT SITE:			
RKI Photoionizatio		Langan: Audrey Seery, Brad Koontz			
Groundwater Sampling Equipment			Regenesis: Joshua Grasser, Julian Serrano, Neil Wang		
Geoprobe 6011DT			Coastal Environmental Solutions, Inc.: John Hudson		
Air monitoring station (DustTrak II, MiniRAE 3000)					

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan was on-site for the implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Interim Remedial Measures Work Plan (IRMWP No. 2) dated 2 February 2023.

Site Activities

- Regenesis completed three low-dose PlumeStop® injections points (IP38, IP43 and IP44) across the target treatment interval (TTZ) of 10 to 30 feet below grade surface (bgs). Remedial products applied included PlumeStop®, S-MicroZVI®, and BDI PLUS®.
 - An apparent 16.5 feet by 9 feet void space below concrete slab was encountered at injection point IP38. Injection point 1P38 was shifted about 10 feet to the south. Relocation of surrounding injection points is being assessed to avoid the void space.
- Regenesis partially completed two high-dose PlumeStop® injections points (IP09 and IP10) across the target treatment interval (TTZ) of 10 to 30 feet below grade surface (bgs). Remedial products applied included PlumeStop®, S-MicroZVI®, and BDI PLUS®.

Sampling

• No samples were collected.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De	By:	Audrey Seery
	Paula, B. Koontz		Langan, D.P.C.

CAMP

• Langan performed continuous air monitoring at downwind perimeter of the work zone for volatile organic compounds (VOCs) and particulate matter smaller than 10 microns in diameter (PM10) during ground-intrusive activity. VOC and PM10 action levels were not exceeded during the monitoring period. Recorded air monitoring data is summarized in the following graphs:



Anticipated Activities

• Regenesis will continue application of remedial products via injection points.

Cc:	J. Hayes, M. Burke, P. McMahon, V. De	By:	Audrey Seery
	Paula, B. Koontz		Langan, D.P.C.

Site Photographs



Photo 1: Regenesis applying remedial products at injection point IP43 (facing west).



Photo 2: Regenesis applying remedial products at injection point IP09 (facing north).

Cc:	J. Hayes, M. Burke, P. McMahon, V. De		Audrey Seery
	Paula, B. Koontz		Langan, D.P.C.

