SITE OBSERVATION REPORT – RAWP Implementation – Day 19

LANGAN

PROJECT No.:	170390001	**CLIENT:**		**DATE:**	Monday, 11 November 2024
PROJECT:	141 3rd Street		Third Street Owner LLC and 155 Third St., LLC	**WEATHER:**	Overcast, Sunny 59 - 63 ^{0}F Wind: E @ 0.8 – 9.7 mph
LOCATION:	Brooklyn, New York			**TIME:**	7:00 a.m. – 5:15 p.m.
BCP SITE ID:	C224336			**MONITOR:**	JN Stanley

EQUIPMENT: Hyundai HX520L PC 400 Komatsu	**PRESENT AT SITE:** **Langan**: JN Stanley **Monadnock Construction (Construction Management)**: John Henry **New Leaf (Development/Drilling Contractor)**: Joe Sullivan **NYSDEC:** Christopher Disclafani (WSP)

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was onsite to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) dated 12 December 2024, and Remedial Design Document (RDD) for In-Situ Stabilization/Solidification (ISS) dated 5 April 2024.

Site Activities

- New Leaf loaded previously stockpiled construction and demolition (C&D) debris into 20-cubic-yard roll-off containers and exported six truckloads for off-site disposal. See material tracking section for details.
- New Leaf sifted previously stockpiled C&D debris in the central part of the site. Asphalt, C&D debris, and sifted soil/fill were screened for odors, staining and organic vapors using a photoionization detector (PID). Evidence of impacts was not observed. Sifted soil/fill was stockpiled separately and adjacent to the C&D stockpile in the central part of the site.
- New Leaf excavated an about 40-foot-long by 20-foot-wide to about 4 feet below grade surface (bgs) in the ISS Pilot Test area to bring the drilling surface to elevation (el) 3.5±. Excavated material consisted of soil/fill and was screened for odors, staining and organic vapors using a PID. Evidence of impacts was not observed. Soil/fill was placed on and covered with polyethylene sheeting.
- A representative from WSP conducted a site visit on behalf of the NYSDEC.

Sampling

- No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed continuous air monitoring for volatile organic compounds (VOC) and particulate matter smaller than 10 microns in diameter (PM10) using two perimeter air monitoring stations at upwind and downwind locations. The PM10 and VOC action levels were not exceeded during the monitoring period. Recorded air monitoring data is presented on CAMP summary data sheet appended to the end of this Daily Field Report. The graphs on the CAMP summary data sheet show PM10 and VOC concentration as site contribution (downwind concentrations subtracted by upwind concentration).

Material Tracking

- No material was imported to site.
- New Leaf exported six truckloads (about 120 cubic yards) of C&D debris for off-site disposal.

Material Import Summary				
Facility	**NYSDEC Approved Quantity**	**Imported**	**Today**	**Total**
Tilcon - Haverstraw Haverstraw, NY ASTM #3 Virgin Stone (1.5-Inch)	400 CY (560 tons)	**No. Loads**	0	**4**
		Quantity (tons)	0	**89.95**
Impact Materials Jersey City (IMJC) Jersey City, NJ 0.75-inch Stone	2,000 CY (2,800 tons)	**No. Loads**	0	**0**
		Quantity (tons)	0	**0**
IMJC Jersey City, NJ 1.5-inch Stone	400 CY (560 tons)	**No. Loads**	0	**2**
		Quantity (tons)	0	**49.65**

Drums

- One 55-gallon drum containing purged groundwater and DNAPL is staged in the east-central part of the site.
- One 55-gallon drum containing decontamination fluid and purged groundwater is staged in the east-central part of the site.
- Six 55-gallon drums containing soil cuttings are staged in the eastern part of the site.
- One 55-gallon drum containing soil cuttings is staged in the southern part of the site.

Anticipated Activities

- New Leaf will continue to mobilize equipment for ISS implementation and excavate C&D debris.

SITE PHOTOGRAPHS:



Photo 1: New Leaf exporting C&D debris for off-site disposal (facing north)

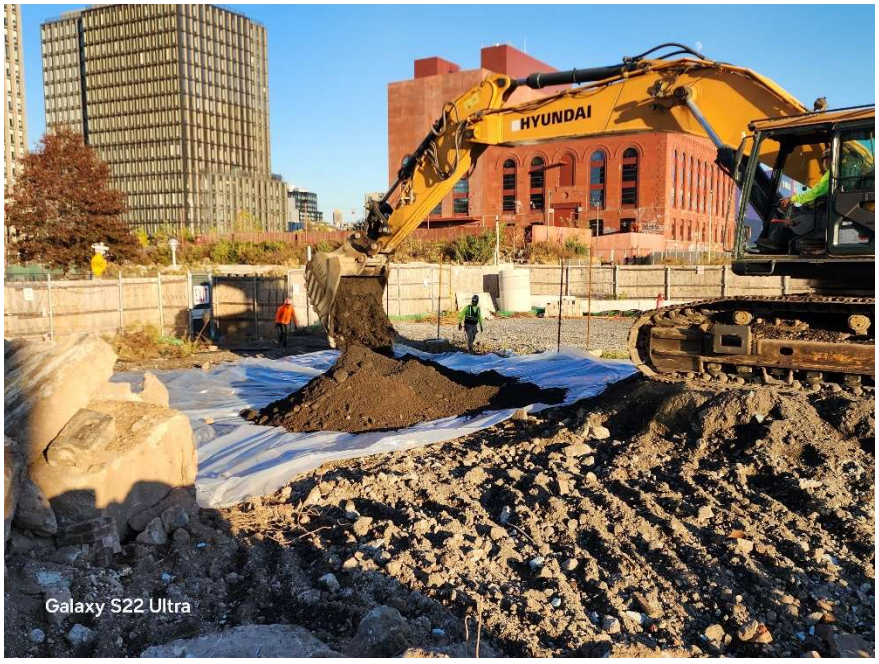
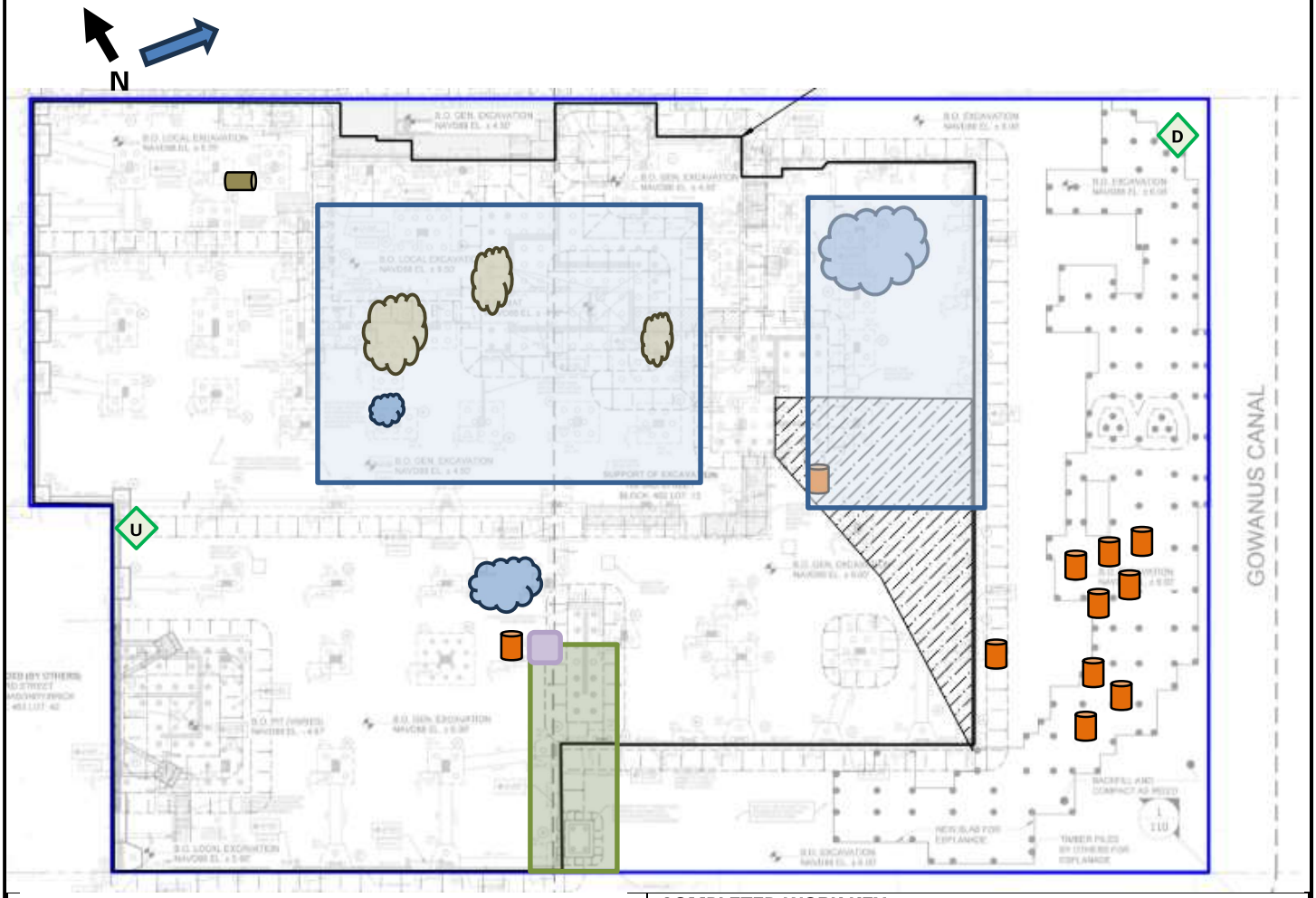


Photo 2: New Leaf stockpiling soil/fill on polyethylene sheeting (facing northeast).

SITE MAP:



LEGEND:

- APPROXIMATE SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- APPROXIMATE PROPOSED EXTENT OF ISS AREA TO BE EXCAVATED TO 4 FEET BGS (EL. 3.5± FEET NAVD88)

COMPLETED WORK KEY

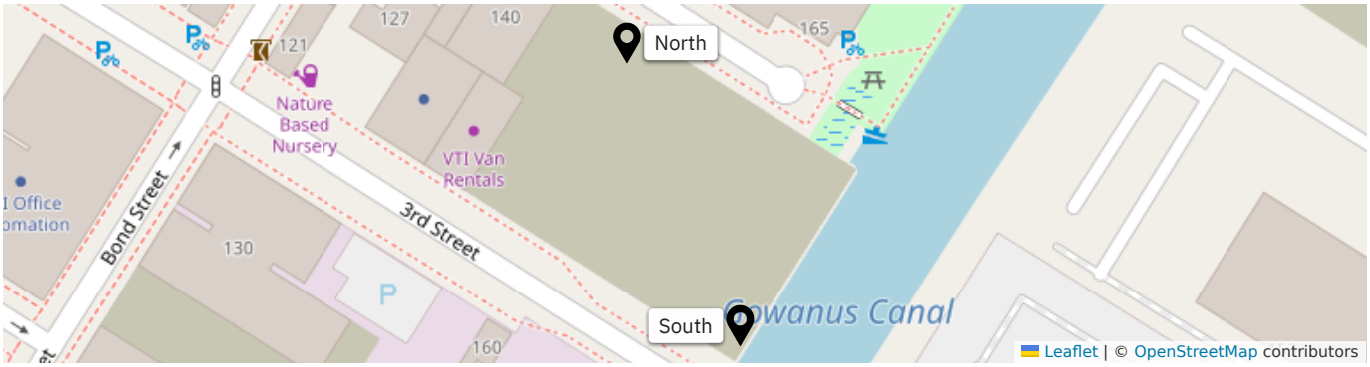
- Approximate work area
- Approximate location of upwind CAMP station
- Approximate location of downwind CAMP station
- Approximate location of drum
- Approximate wind direction
- Stockpiled soil/fill
- Stockpiled C&D debris
- Stockpiled imported stone
- Temporary stabilized construction entrance
- Truck wash catch basin
- UST

Base map includes Figure 5 – Pre-ISS Excavation Plan from the NYSDEC-approved RDD for ISS, prepared by Langan Engineering, dated 4/5/2024

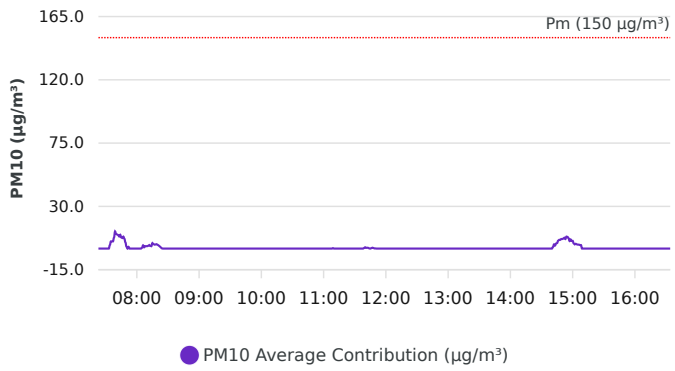
LANGAN	Air Monitoring Report	170390002 - 155 3rd St Brooklyn	
		Report Period	
		From:	11/11/2024 06:00
		To:	11/11/2024 18:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Windspeed (mph)	Prevailing wind direction
11/11/2024	-	-	-	0.8-9.7	W

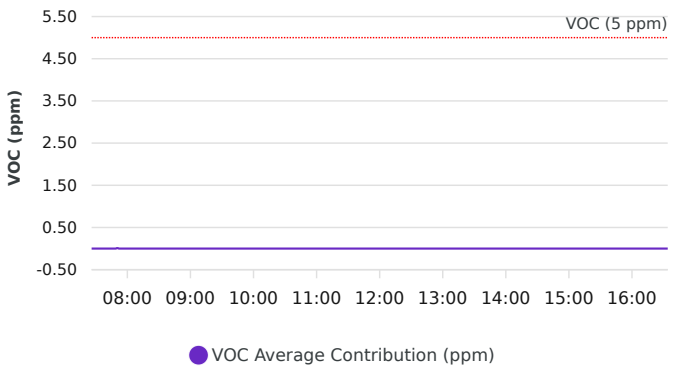
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 11/11/2024	0.0	07:23	0.00	07:26
Max Contribution (15 min avg.) - 11/11/2024	12.2	07:39	0.01	07:50



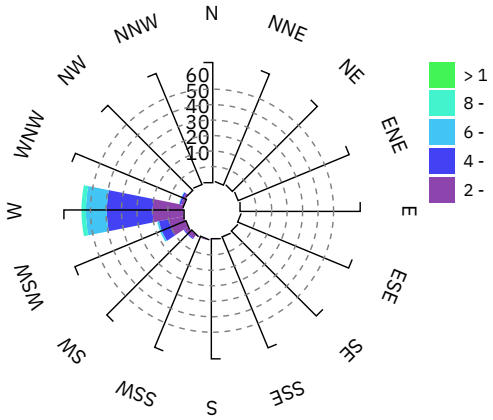
PM10 Average Contribution (µg/m³)



VOC Average Contribution (ppm)



Contribution wind rose (mph)



170390002 - 155 3rd St Brooklyn
Report date: 11/11/2024
A PM10 and VOC negative number filter has been applied to the averaged contribution data

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