LANGAN

DAILY STATUS REPORT

Prepared By: Daniel Horvath

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70		70-85	X	>85	

Langan Project No:	100688803	Project:	12074 Flatlands Avenue p/o Lot 1	Date:	06/19/2025
NYSDEC BCP Site No:	C224353	NYCOER Site No.:	Lot 1: 23TMP1319K / 23EHAN210K Lot 100: 25TMP1084K, 25EHAN206K	Time:	06:15 – 16:30

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Daniel Horvath (Environmental), Lakshman Dontha (Geotechnical) **Monadnock:** Seamus Lavin (Superintendent) **United Concrete:** Miguel Flores and laborers **RYC Turbos:** Manuel and crew **Morris-Shea:** Crew **American Dewatering & Grouting:** Crew

EQUIPMENT ON SITE: Komatsu PC490 LC Excavator (2), Komatsu PC360 LC Excavator, Komatsu PC138US LC Excavator, Komatsu PC78US Excavator, Bobcat 740 Skid Steer, JLG 800AJ Boom Lift, ABI Mobilram TM18/22 HD Drill Rig (2), Caterpillar 335F L CR Excavator (2), STS Scheltzke MPS 510-D-C-AUT Mix-Pump-Unit, Delmag RH34 Drill Rig, Hutte HBR 605 Drill Rig, Woltman 90DR Drill Rig, Volvo ECR235EL Excavator, CASE TV450B Skid Steer, FL-126 Telehandler

Site Activities

BCP Site Activities

- Langan provided oversight during implementation of the 1 May 2024 RAWP.
- United Concrete (United) removed 10 truckloads of material for off-Site disposal to Clean Earth Carteret.
    - United excavated an approximately 65-foot-long by 40-foot-wide area from between 11 to up to 13 feet below ground surface (bgs) in disposal grid WC53. All excavated material was loaded for off-Site disposal to Clean Earth Carteret.
- United excavated the same approximately 65-foot-long by 40-foot-wide area from between 13 and up to 15 feet bgs in disposal grid WC53. All excavated material was staged above polyethylene sheeting as stockpile ST-63 in the northern portion of the Site. Stockpile ST-63 was covered with polyethylene sheeting at the end of the day.
- United imported 5 truckloads of 1.5-inch clean stone from Braen Stone of Sparta in Lafayette, NJ. Imported material was added to stockpile ST-62 in the eastern portion of the Site.
- United placed a 6-inch thick layer of imported 1.5-inch clean stone from stockpile ST-62 above Mirafi filter fabric in an approximately 150-foot-long by 100-foot-wide area in the eastern portion of the Site for the construction of a stabilized surface for future pile installation.
- United excavated an approximately 145-foot-long by 40-foot-wide area from between 13 to up to 20 feet bgs in disposal grids WC56, WC59, and WC60. All excavated material was added to stockpile ST-61.
- United excavated an approximately 10-foot-long by 40-foot-wide area from between 13 to up to 20 feet in disposal grid WC60. All excavated material was added to stockpile ST-61. Stockpile ST-61 was covered with polyethylene sheeting at the end of the day.
- United continued installing walers in the southwestern portion of the Site.
- American Dewatering Grouting (ADG) continued drilling dewatering wells in the southwestern portion of the Site. ADG placed the collected water and any cuttings in the filter-fabric lined collection basin. The accumulated water was left to evaporate overnight.
- Morris-Shea continued installing foundation piles in the northeastern portion of the Site. No cuttings were generated during pile installation.

Lot 100 Site Activities

- None.

Dewatering Activities

- ADG continued dewatering in the northern portion of the Site.
- Langan will provide a summary of daily groundwater elevation measurements upon receipt from the dewatering contractor.

Samples Collected

- Langan collected post-excavation soil samples PE09_15, PE10_15, PE17_15, PE18_15, PE25_15, PE26_15, PE33_20, PE34_20, PE41_20, and PE42_20 for analysis of VOCs, SVOCs, PCBs, pesticides/herbicides, cyanide, metals including hexavalent and trivalent chromium, PFAS, and 1,4-dioxane.
- Langan collected post-excavation soil samples PE01_12, PE01_15, PE02_12, and PE02_15 for analysis of VOCs, SVOCs, PCBs, pesticides/herbicides, cyanide, metals including hexavalent and trivalent chromium, PFAS, and 1,4-dioxane. The soil samples were placed on hold pending analytical results.
- Langan collected soil sample TP-PE49_20 from within a test pit near post-excavation soil sample PE49 for analysis of SVOCs and metals.

Community Air Monitoring Program (CAMP)

- Langan implemented the community air monitoring program (CAMP) during soil disturbance. CAMP equipment consisted of an Aeroqual AQS 1 Air Quality Monitor at dedicated locations on the downwind and upwind perimeter of the site, as well as a personal DataRam (pDR) an PID at a work zone monitoring station.
    - No VOC or dust concentrations were detected in exceedance of the short-term exposure limit (STEL) at the downwind CAMP station.

Problems Encountered

- None.

Activities Scheduled for Next Day

- United will export material from the Site.
- United will import material to the Site.
- United will continue to excavate in the western portion of the Site.
- Morris-Shea will continue installation of deep foundation elements in the northeastern portion of the Site.
- ADG will continue installation of the dewatering wells in the southern portion of the Site.

Two Week Outlook

- United will excavate and export material from the southern portions of the Site.
- ADG will continue installation of the dewatering wells.
- Morris-Shea will continue installation of deep foundation elements.
- United will pour the slab for the construction of the stormwater detention system.

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Truck Count Log of Imported Material										
Facility/Material (BCP Site – NYSDEC Approved):	Tilcon New York Inc., Mount Hope Quarry *(1.5-inch Clean Stone)*		Tilcon New York Inc., Mount Hope Quarry *(0.75-inch Clean Stone)*		Braen Stone of Sparta Lafayette, New Jersey *(1.5-inch Clean Stone)*		Braen Stone of Sparta Lafayette, New Jersey *(0.75-inch Clean Stone)*		Braen Stone of Sparta Lafayette, New Jersey *(Dense Graded Aggregate)*	
Volume:	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yards	Trucks	Cu. Yards	Trucks	Cu. Yards
Today:	0	0	0	0	5	100	0	0	0	0
Total:	18	360	0	0	117	2,340	0	0	28	660
Approved Quantity (CY):	----	500	----	500	----	3,500	----	3,500	----	5,000
Facility/Material (Lot 100 – NYCOER Approved):	Braen Stone of Sparta Lafayette, New Jersey *(1.5-inch Clean Stone)*		Braen Stone of Sparta Lafayette, New Jersey *(0.75-inch Clean Stone)*		----		----		----	
Volume:	Trucks	Cu. Yards	Trucks	Cu. Yds.	Trucks	Cu. Yards	Trucks	Cu. Yards	Trucks	Cu. Yards
Today:	0	0	0	0	----	----	----	----	----	----
Total:	10	200	1	20	----	----	----	----	----	----
Approved Quantity (CY):	----	3,000	----	3,000	----	----	----	----	----	----

Note: 20 cubic yards (CY) assumed per truckload

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Truck Count Log of Exported Material										
Facility/Material (BCP Site):	Clean Earth Philadelphia Philadelphia, Pennsylvania Approval # 243100026 (7,000 tons)		Clean Earth Carteret Carteret, New Jersey Approval #243070587 (4,000 tons)		Clean Earth Carteret Carteret, New Jersey Approval #253070241 (cumulative 83,450 tons)		Clean Earth Carteret Carteret, New Jersey Approval #253070242 (cumulative 83,450 tons)		Clean Earth New Castle New Castle, Delaware Approval #253020014 (cumulative 96,400 tons)	
Volume:	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
Today:	0	0	0	0	10	200	0	0	0	0
Total:	175	3,500	51	1,020	963	19,260	180	3,600	810	16,200
Facility/Material (BCP Site):	Clean Earth New Castle New Castle, Delaware Approval #253020015 (cumulative 96,400 tons)		Clean Earth North Jersey Kearny, New Jersey Approval #2530804874 (6,000 tons)		Clean Earth North Jersey Kearny, New Jersey Approval #2530804878 (5,250 tons)		Clean Earth North Jersey Kearny, New Jersey Approval #2530804888 (1,500 tons)		Clean Earth North Jersey Kearny, New Jersey Pre-Approval #2530804828 (2,000 tons)	
Volume:	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
Today:	0	0	0	0	0	0	0	0	0	0
Total:	140	2,800	30	600	34	680	0	0	61	1,220
Facility/Material (BCP Site):	Clean Earth North Jersey Kearny, New Jersey Approval #2530804872 (750 tons)		Clean Earth North Jersey Kearny, New Jersey Pre-Approval #2530804884 (50 tons)		Clean Earth North Jersey Kearny, New Jersey Approval #2530804880 (3,750 tons)		Clean Earth Carteret Carteret, New Jersey Approval #253070475 (cumulative 83,450 tons)		----	
Volume:	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
Today:	0	0	0	0	0	0	0	0	----	----
Total:	2	40	0	0	0	0	141	2,820	----	----
Facility/Material (Lot 100):	Clean Earth New Castle, New Castle, Delaware Approval #253020014 (cumulative 96,400 tons)		----		----		----		----	
Volume:	Trucks	Cu. Yds.	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks
Today:	0	0	----	----	----	----	----	----	----	----
Total:	4	80	----	----	----	----	----	----	----	----

Note: 20 cubic yards assumed per truckload

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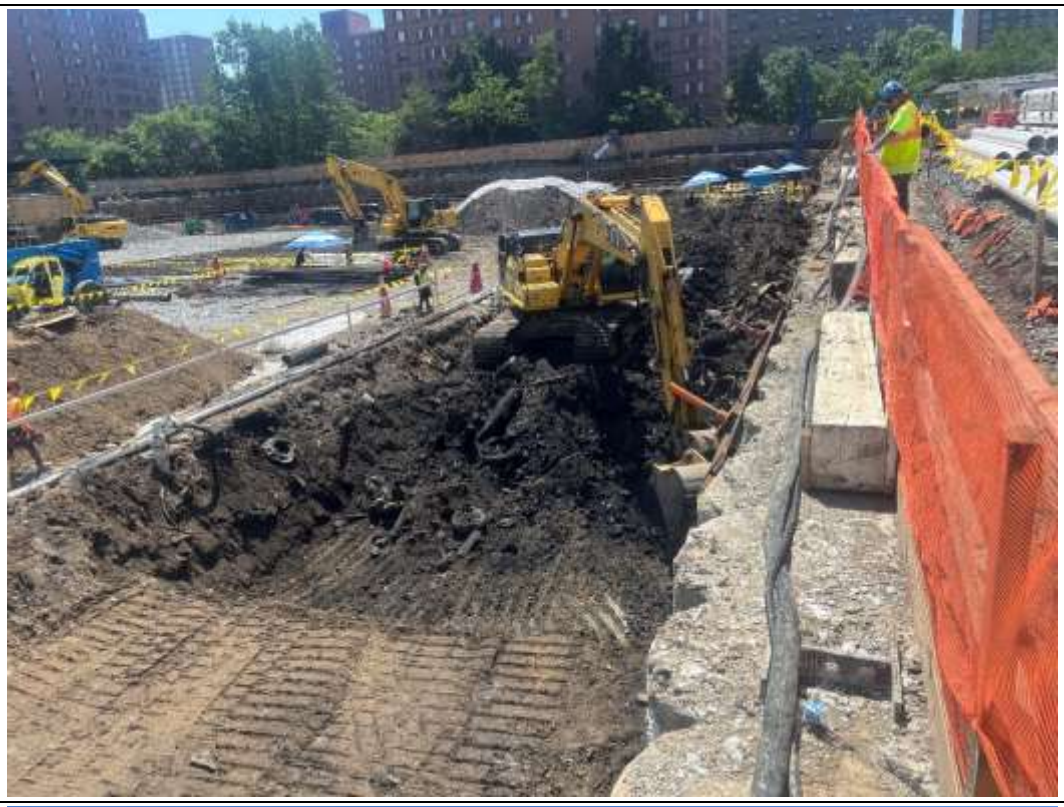
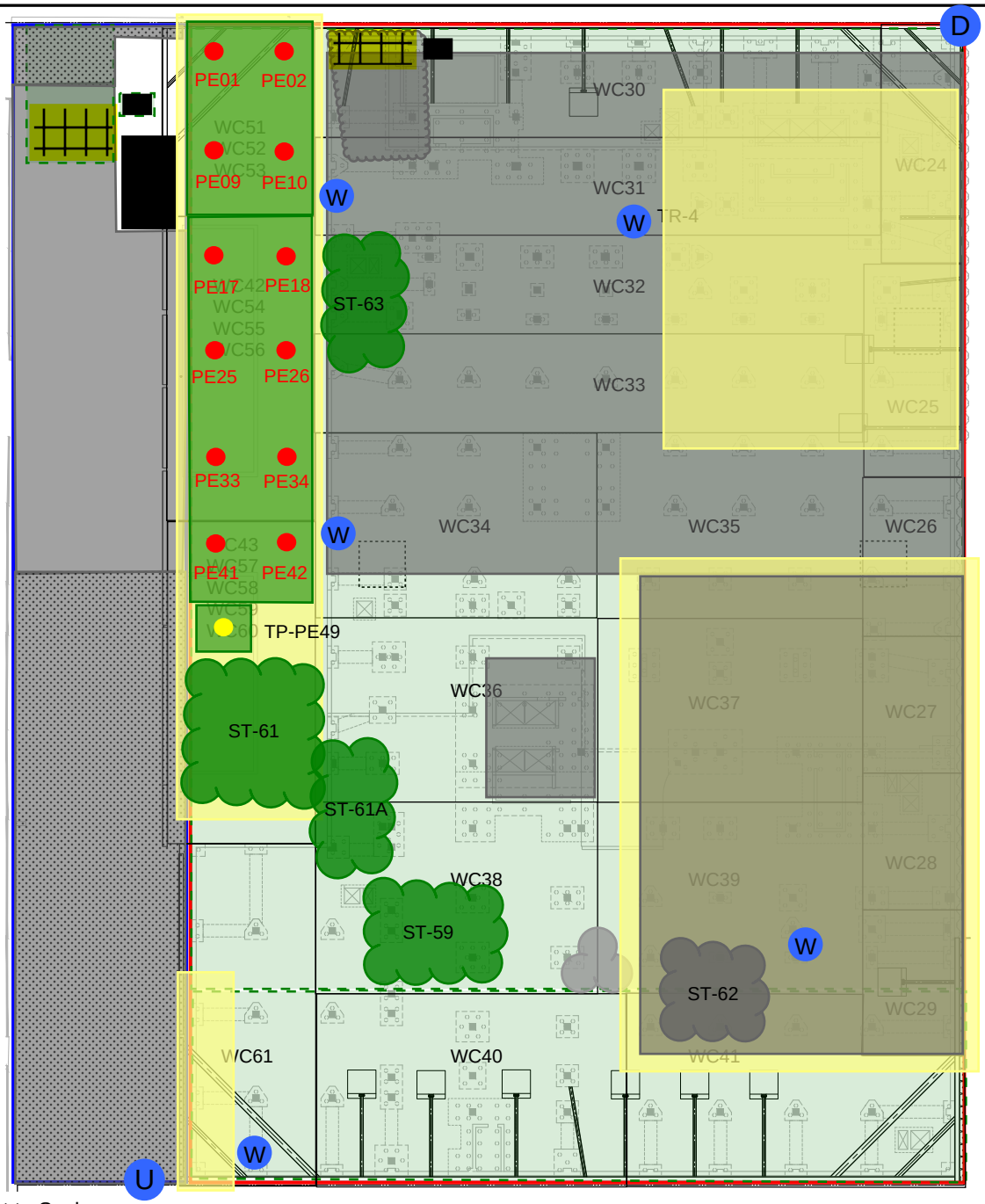
Photo Log

Photo 1 – United excavating material from the northern portion of the Site for off-Site disposal to Clean Earth Carteret, facing west.	
Photo 2 – United importing clean 1.5-inch stone from Braen Stone of Sparta, facing east.	

Photo 3 – United excavating in the western portion of the Site, facing south.	
Photo 4 – Imported clean 1.5-inch stone placed above Mirafi filter fabric in the eastern portion of the Site, facing southeast.	

SITE MAP



Approximate and Not to Scale

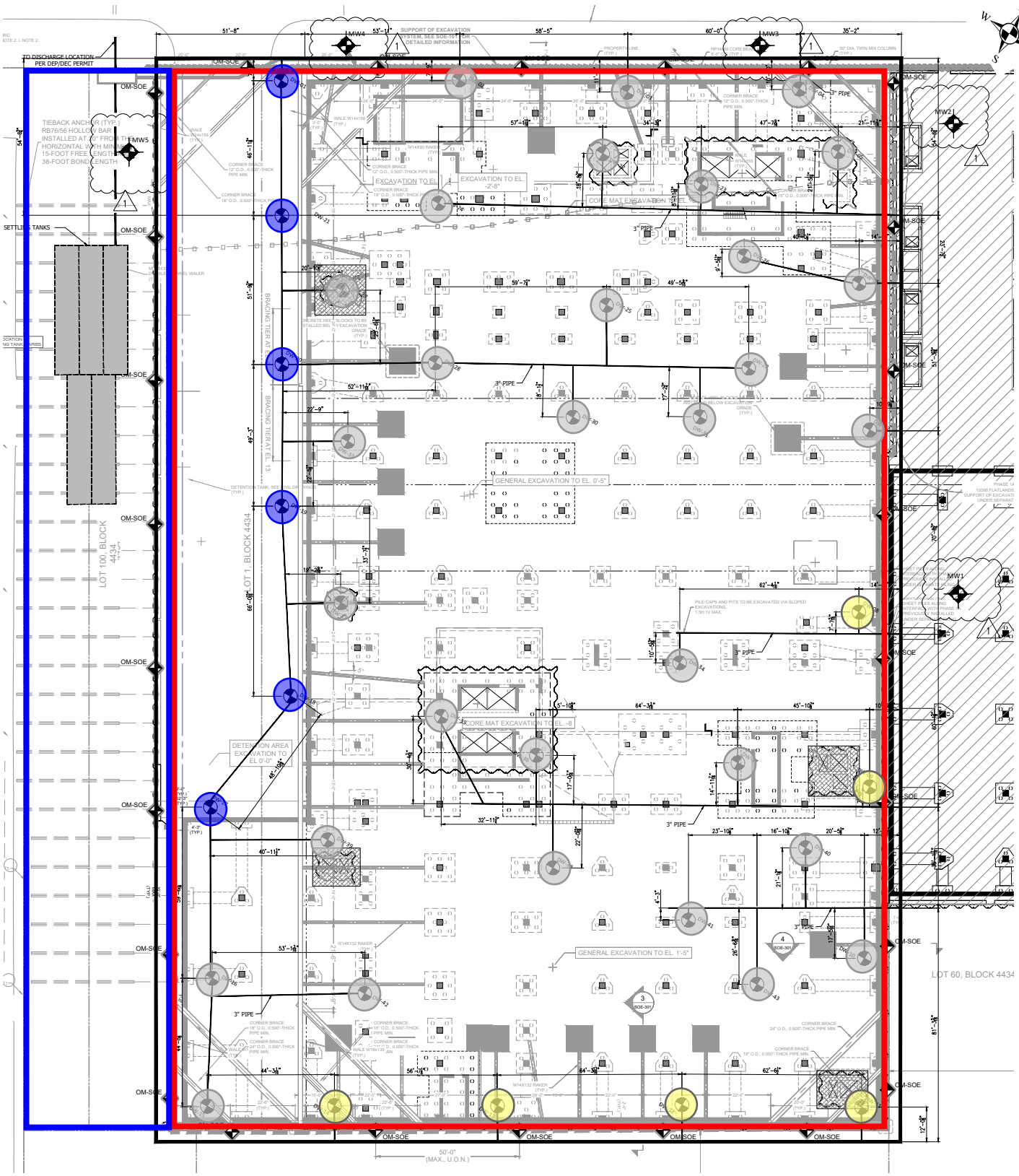
LEGEND

- 12074 Flatlands Avenue Site Boundary (BCP Site No. C224353)
- Lot 100 Site Boundary (NYCOER Site No. 25TMP1084K)
- Disposal Grids
- RAWP Hotspot Areas
- Excavation Completed Today
- Excavation Previously Completed
- Concrete
- Clean Stone
- FODS Trackout
- Settling Tank for Truck Wash Station
- Metallic Structure
- W — Work Zone Air Monitoring Station
- D — Downwind Perimeter Air Monitoring Station
- U — Upwind Perimeter Air Monitoring Station
- Work Area
- Soil Stockpile
- Clean Stone Stockpile
- Asphalt Stockpile
- Concrete Stockpile
- Truck Ramp
- Post-excavation Sample Collected Today
- Test Pit Sample Collected Today

NOTES

1. Basemap from the "Support of Excavation Plan" drawing prepared by Langan dated 3/3/2025.
2. Waste characterization grids are shown as presented in the Draft Disposal Map prepared by Clean Earth.
3. Truck Ramp TR-4 contains imported DGA from Braen Stone of Sparta in Lafayette, NJ.
4. Stockpile ST-59 contains non-hazardous material excavated from disposal grids WC61D and WC61E in the southern portion of the Site for off-Site disposal to Clean Earth Carteret.
5. Stockpile ST-61 contains non-hazardous material excavated from disposal grids WC42, WC56, and WC59 for off-Site disposal to Clean Earth New Castle.
6. Stockpile ST-62 contains imported clean 1.5-inch stone from Braen Stone of Sparta in Lafayette, NJ.
7. Stockpile ST-61A contains non-hazardous material excavated from disposal grids WC42, WC56, and WC59 for off-Site disposal to Clean Earth New Castle.
8. Stockpile ST-63 contains non-hazardous material excavated from disposal grid WC53 for off-Site disposal to Clean Earth Carteret.

DEWATERING SITE MAP



Approximate and Not to Scale

LEGEND

- 12074 Flatlands Avenue Site Boundary (BCP Site No. C224353)
- Lot 100 Site Boundary (NYCOER Site No. 25TMP1084K)
- Deep Well Installed and Active
- Deep Well Installed but not Active
- Deep Well
- Monitoring Well for Dewatering Monitoring and Sampling
- Deep Well to be Installed

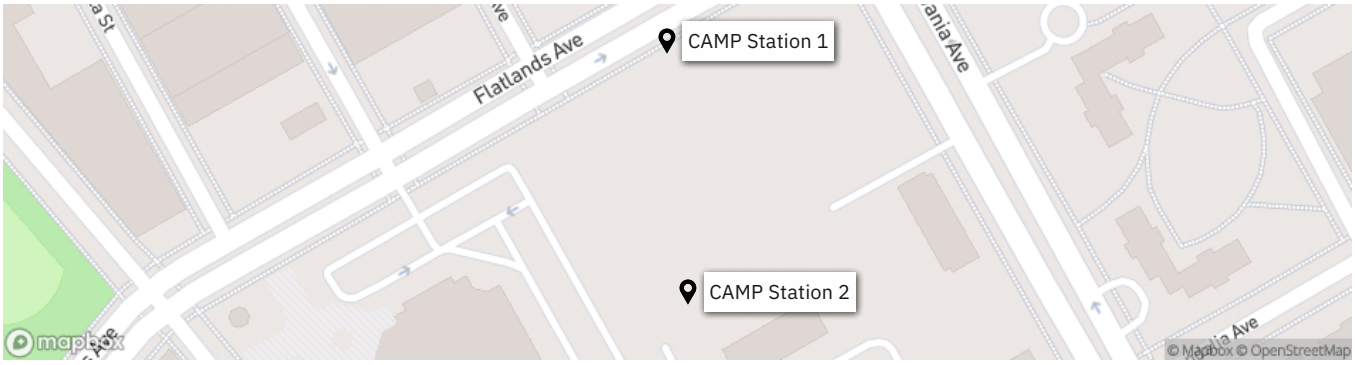
NOTES

1. Basemap from the "Dewatering Plan" drawing prepared by Cichetti Engineering PLLC dated 5/5/2025.

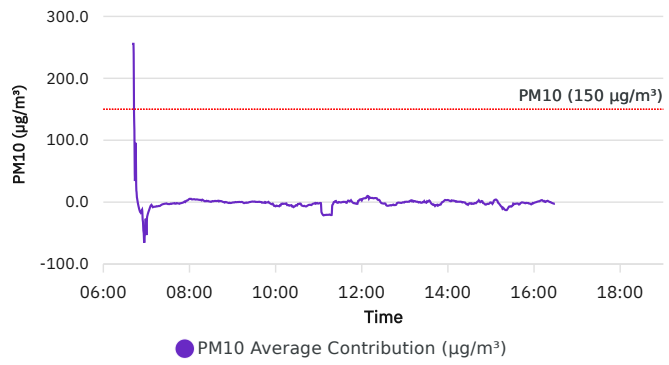
LANGAN	Site Contribution Report - CCC Phase 1B - 1 Report	100688803 - CCC - Phase 1B	
		Report Period	
		From:	6/19/2025 06:00
		To:	6/19/2025 19:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
06/19/2025	69.8 - 84.9	62.8 - 92.3	29.7 - 30.1	0.3 - 3.5	WSW

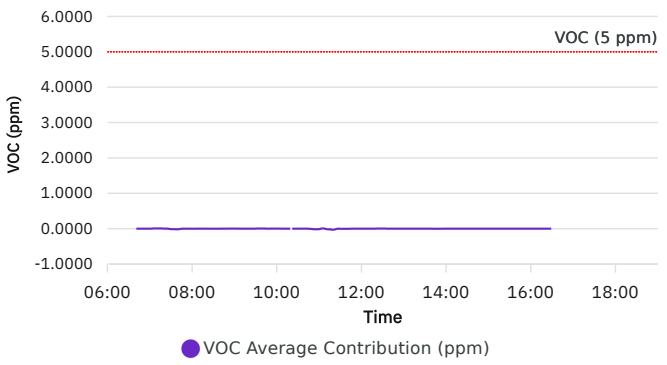
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 6/19/2025	-53.2	07:00	-0.0187	11:15
Max Contribution (15 min avg.) - 6/19/2025	95.8	06:45	0.0067	07:15
Daily Avg. Contribution (15 min avg.) - 6/19/2025	-0.3	-	-0.0010	-



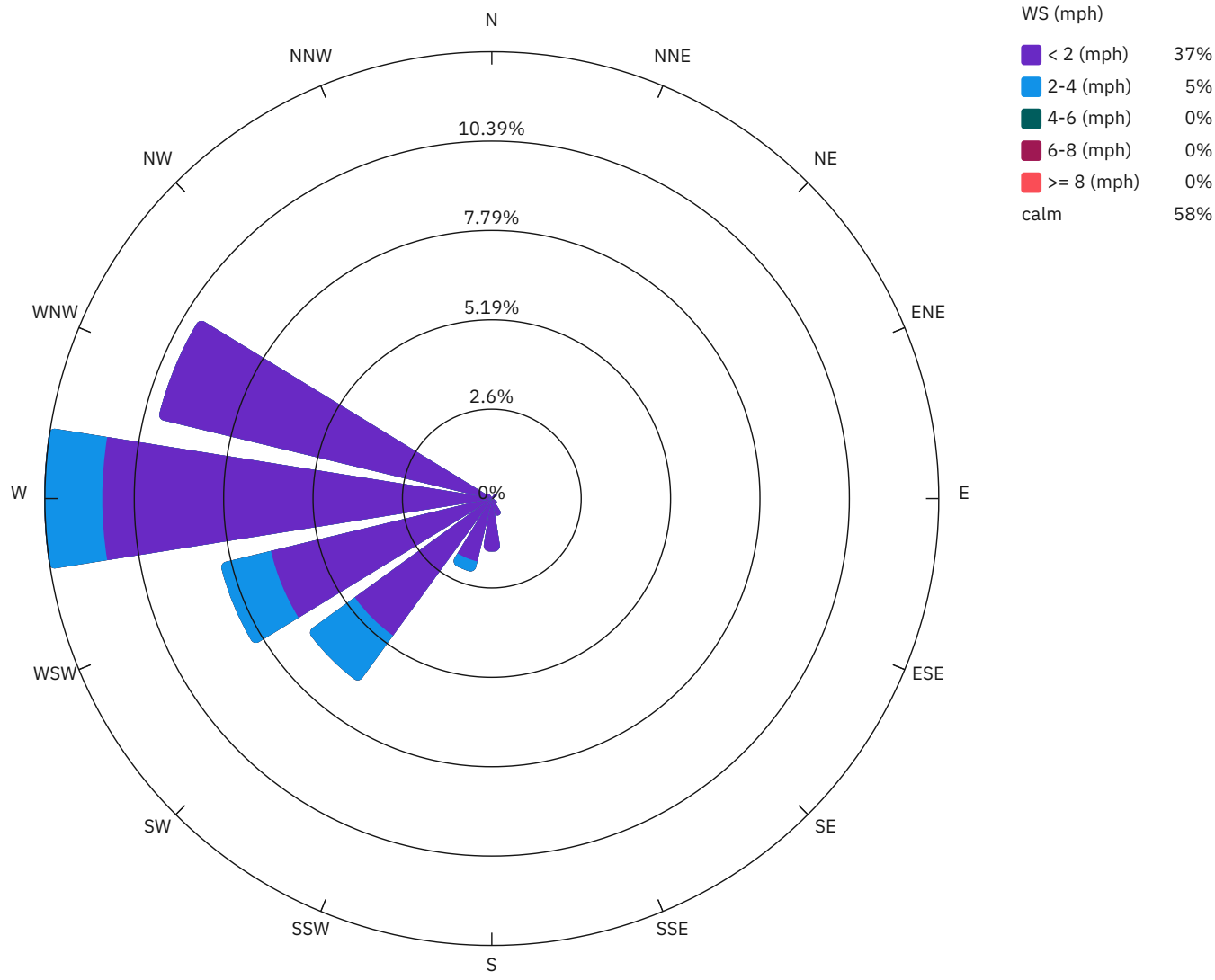
PM10 Average Contribution (µg/m³)



VOC Average Contribution (ppm)



Wind rose (mph)



Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction 15 min Avg
6/19/2025 06:45:00	560.7	656.6	95.8	0.0000	0.0000	0.0000	0.6	WSW
6/19/2025 07:00:00	116.3	63.2	-53.2	0.0000	0.0000	0.0000	0.6	SW
6/19/2025 07:15:00	37.2	30.4	-6.8	0.0080	0.0147	0.0067	0.7	WSW
6/19/2025 07:30:00	31.6	28.5	-3.1	0.0147	0.0013	-0.0133	0.8	WSW
6/19/2025 07:45:00	27.5	25.3	-2.2	0.0067	0.0047	-0.0020	0.8	WSW
6/19/2025 08:00:00	22.0	27.3	5.3	0.0027	0.0013	-0.0013	0.6	W
6/19/2025 08:15:00	19.0	22.4	3.4	0.0000	0.0000	0.0000	0.6	W
6/19/2025 08:30:00	16.9	17.4	0.5	0.0027	0.0020	-0.0007	0.7	W
6/19/2025 08:45:00	15.6	16.9	1.3	0.0020	0.0027	0.0007	0.7	W
6/19/2025 09:00:00	16.0	15.4	-0.6	0.0027	0.0040	0.0013	0.7	WSW
6/19/2025 09:15:00	15.0	14.0	-1.0	0.0000	0.0000	0.0000	0.8	WSW
6/19/2025 09:30:00	14.6	15.4	0.8	0.0000	0.0020	0.0020	0.8	WNW
6/19/2025 09:45:00	15.3	15.3	0.1	0.0007	0.0027	0.0020	0.9	W
6/19/2025 10:00:00	23.0	16.3	-6.7	0.0000	0.0020	0.0020	0.7	WSW
6/19/2025 10:15:00	22.6	20.4	-2.1	0.0000	0.0000	0.0000	0.9	W
6/19/2025 10:30:00	21.7	16.3	-5.4	0.0000	0.0000	0.0000	1.1	W
6/19/2025 10:45:00	22.2	17.0	-5.2	0.0020	0.0007	-0.0013	0.9	WSW
6/19/2025 11:00:00	19.2	17.0	-2.2	0.0160	0.0013	-0.0147	1.1	WNW
6/19/2025 11:15:00	42.2	22.1	-20.0	0.0333	0.0147	-0.0187	0.9	WNW
6/19/2025 11:30:00	20.7	20.3	-0.4	0.0047	0.0033	-0.0013	0.8	W
6/19/2025 11:45:00	16.4	19.4	3.0	0.0020	0.0013	-0.0007	0.7	W
6/19/2025 12:00:00	21.5	24.3	2.8	0.0000	0.0000	0.0000	0.8	SW
6/19/2025 12:15:00	16.1	22.9	6.8	0.0000	0.0000	0.0000	0.6	W
6/19/2025 12:30:00	18.3	15.9	-2.4	0.0033	0.0067	0.0033	0.7	SW
6/19/2025 12:45:00	21.3	16.4	-4.9	0.0000	0.0000	0.0000	0.9	WSW
6/19/2025 13:00:00	17.8	18.3	0.5	0.0000	0.0000	0.0000	0.9	W
6/19/2025 13:15:00	21.6	22.7	1.1	0.0000	0.0000	0.0000	0.8	WSW
6/19/2025 13:30:00	22.7	21.8	-0.9	0.0000	0.0000	0.0000	0.9	W
6/19/2025 13:45:00	23.7	19.5	-4.2	0.0020	0.0000	-0.0020	0.8	WSW
6/19/2025 14:00:00	17.4	20.8	3.5	0.0000	0.0000	0.0000	0.9	W
6/19/2025 14:15:00	18.6	19.3	0.7	0.0000	0.0000	0.0000	0.8	WSW
6/19/2025 14:30:00	24.8	23.0	-1.8	0.0000	0.0000	0.0000	0.9	WSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction 15 min Avg
6/19/2025 14:45:00	17.6	17.6	0.0	0.0000	0.0000	0.0000	1.1	WSW
6/19/2025 15:00:00	18.9	18.4	-0.5	0.0000	0.0000	0.0000	1.2	WSW
6/19/2025 15:15:00	24.2	16.7	-7.5	0.0000	0.0000	0.0000	1.4	WSW
6/19/2025 15:30:00	24.4	18.8	-5.6	0.0000	0.0000	0.0000	1.5	WSW
6/19/2025 15:45:00	18.7	17.9	-0.8	0.0000	0.0000	0.0000	1.4	WSW
6/19/2025 16:00:00	19.5	18.4	-1.1	0.0000	0.0000	0.0000	1.5	WSW
6/19/2025 16:15:00	16.9	17.5	0.6	0.0000	0.0000	0.0000	1.7	W
6/19/2025 16:30:00							1.6	WSW