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		>85	X

Langan Project No:	100688803	Project:	12074 Flatlands Avenue p/o Lot 1	Date:	06/24/2025
NYSDEC BCP Site No:	C224353	NYCOER Site No.:	Lot 1: 23TMP1319K / 23EHAN210K Lot 100: 25TMP1084K, 25EHAN206K	Time:	06:15 – 16:00

Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**PERSONNEL ON SITE:** **Langan:** Daniel Horvath, Ela Kusmierz (Environmental), Lakshman Dontha (Geotechnical) **Monadnock:** Seamus Lavin (Superintendent) **United Concrete:** Miguel Flores and laborers **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 20 truckloads of material from stockpile ST-61A, originally excavated from disposal grids WC42, WC56, and WC59 in the western portion of the Site, for off-Site disposal to Clean Earth New Castle. Stockpile ST-61A is no longer present on-Site.
- United imported 18 truckloads of dense graded aggregate (DGA) from Braen Stone of Sparta in Lafayette, NJ. The imported material was used to backfill the Track 1 remedial excavation within an approximately 60-foot-long by 40-foot-wide area from between 15 feet below ground surface (bgs) to 12 feet bgs in the northwestern portion of the Site for the construction of the detention system. The remaining imported material was staged as stockpile ST-64.
- United excavated an approximately 40-foot-long by 40-foot-wide area between 13 and 15 feet bgs in disposal grid WC59. All excavated material was added to stockpile ST-61 in the southern 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 60-foot-long by 25-foot-wide area in the southeastern portion of the Site for the construction of a stabilized surface for future pile installation.
- United removed miscellaneous debris using a sifter bucket from stockpile ST-61 in the southern portion of the Site. Sifted material was staged as stockpile ST-61B. The segregated debris is placed into dumpsters for off-Site removal.
- United continued installing walers in the southwestern portion of the Site.
- United used a hammer attachment to break up previously stockpiled concrete in the southern portion of the Site.
- United installed formwork in the northwestern portion of the Site for the construction of the detention tank foundation.
- 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

- None.

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 continue to excavate in the western portion of the Site.
- United will continue to remove miscellaneous debris from stockpile ST-61.
- 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	0	0	0	0	18	360
Total:	18	360	0	0	126	2,520	0	0	79	1,580
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	0	0	0	0	20	400
Total:	175	3,500	51	1,020	967	19,340	180	3,600	876	17,520
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	----	----	----	----	----	----	----	----

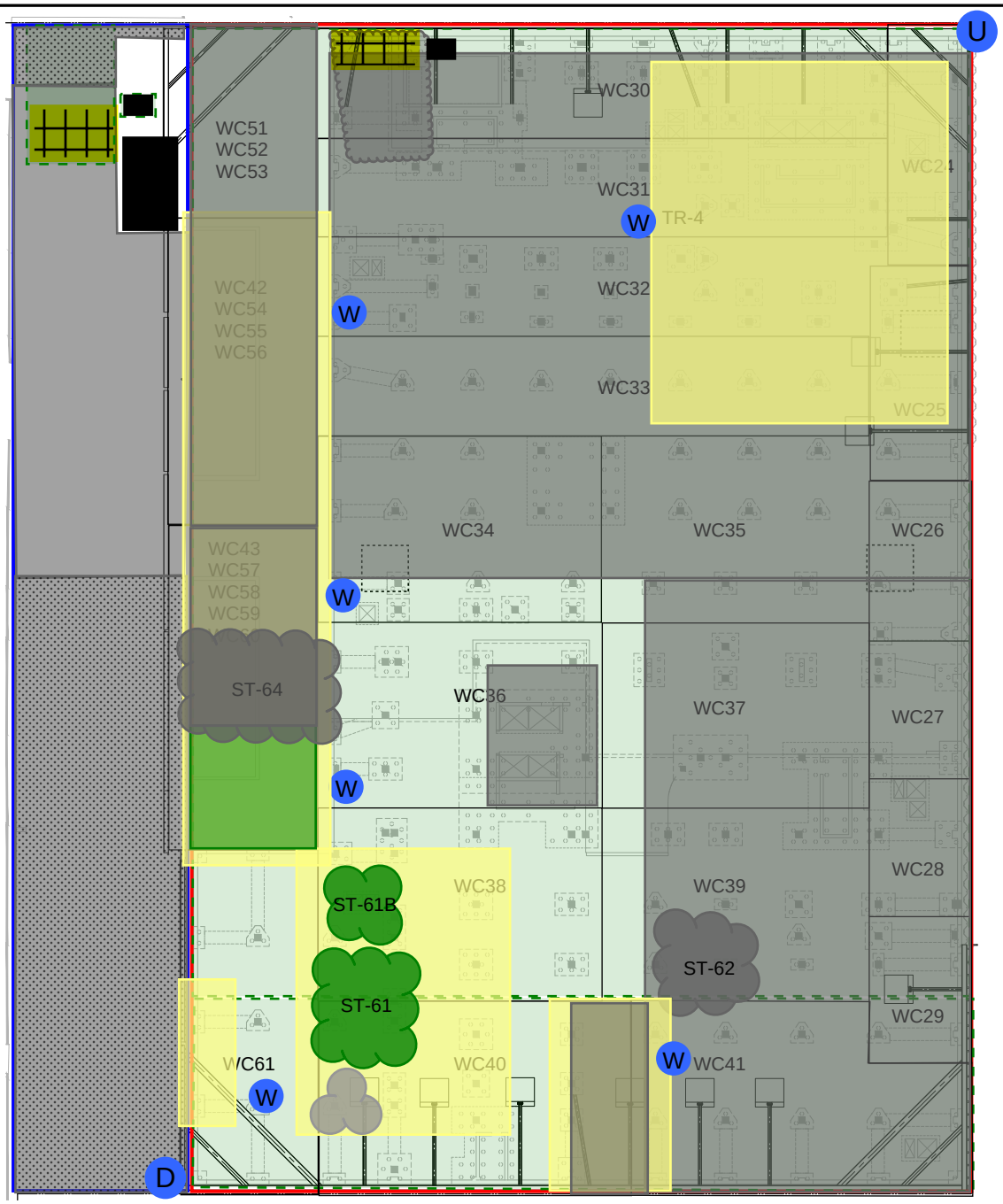
Note: 20 cubic yards assumed per truckload

Photo Log

Photo 1 – United loading material from stockpile ST-61A for off-Site disposal to Clean Earth New Castle, facing west.	
Photo 2 – United importing DGA from Braen Stone of Sparta, facing west.	

Photo 3 – United installing formwork in the northwestern portion of the Site for the construction of the detention tank foundation, facing north.	
Photo 4 – United spraying water as a preventative dust control measure, facing south.	

SITE MAP



Approximate and Not to Scale

LEGEND

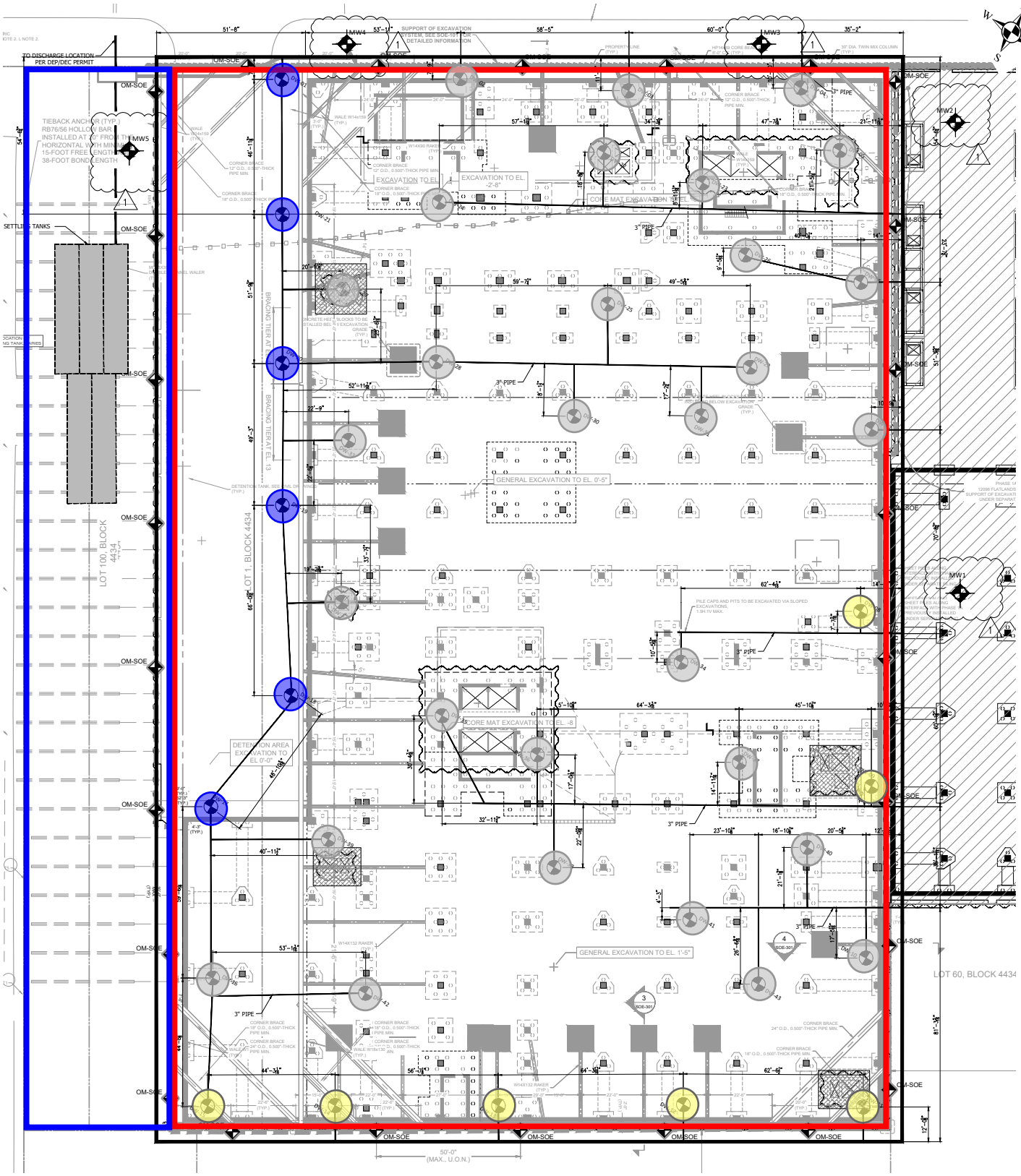
- 12074 Flatlands Avenue Site Boundary (BCP Site No. C224353)
- Lot 100 Site Boundary (NYCOER Site No. 25TMP1084K)
- Disposal Grids
- RAWP Hotspot Areas
- Excavation Completed Today
- Excavation Previously Completed
- Concrete
- Clean Stone
- FODS Trackout
- Settling Tank for Truck Wash Station
- Metallic 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-61 contains non-hazardous material excavated from disposal grids WC42, WC56, and WC59 for off-Site disposal to Clean Earth New Castle.
5. Stockpile ST-61B 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-64 contains imported dense graded aggregate (DGA) from Braen Stone of Sparta in Lafayette, NJ.

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
- DW-# Deep Well
- MW# Monitoring Well for Dewatering Monitoring and Sampling
- Deep Well to be Installed

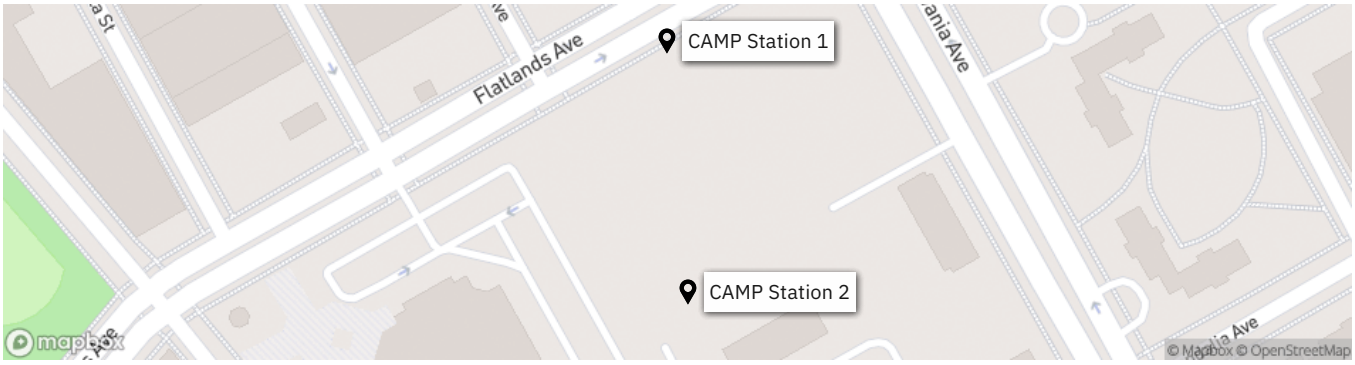
NOTES

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

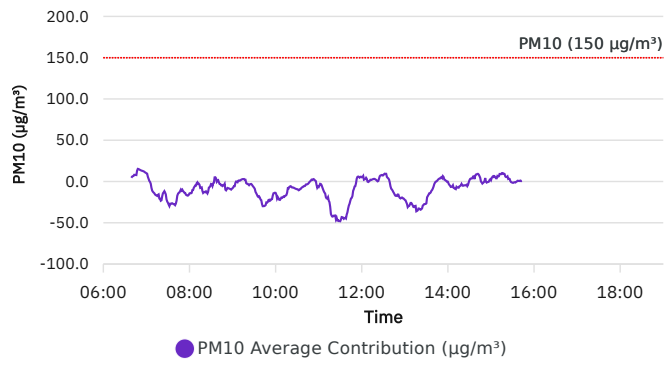
LANGAN	Site Contribution Report - CCC Phase 1B - 1 Report	100688803 - CCC - Phase 1B	
		Report Period	
		From:	6/24/2025 06:00
		To:	6/24/2025 19:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
06/24/2025	82.2 - 102.2	30.7 - 66.0	30.0 - 30.1	0.5 - 5.9	NNE

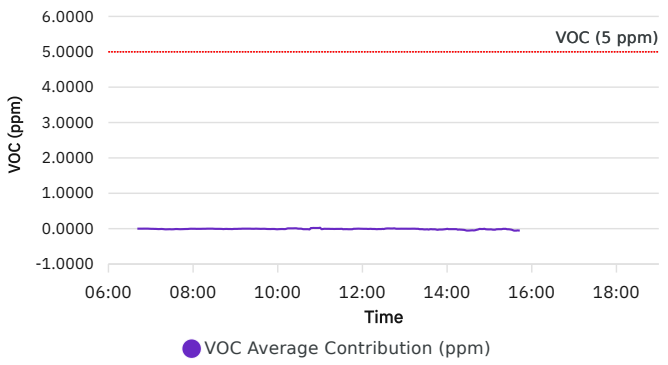
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 6/24/2025	-48.1	11:30	-0.0527	14:30
Max Contribution (15 min avg.) - 6/24/2025	10.1	15:15	0.0253	11:00
Daily Avg. Contribution (15 min avg.) - 6/24/2025	-8.9	-	-0.0091	-



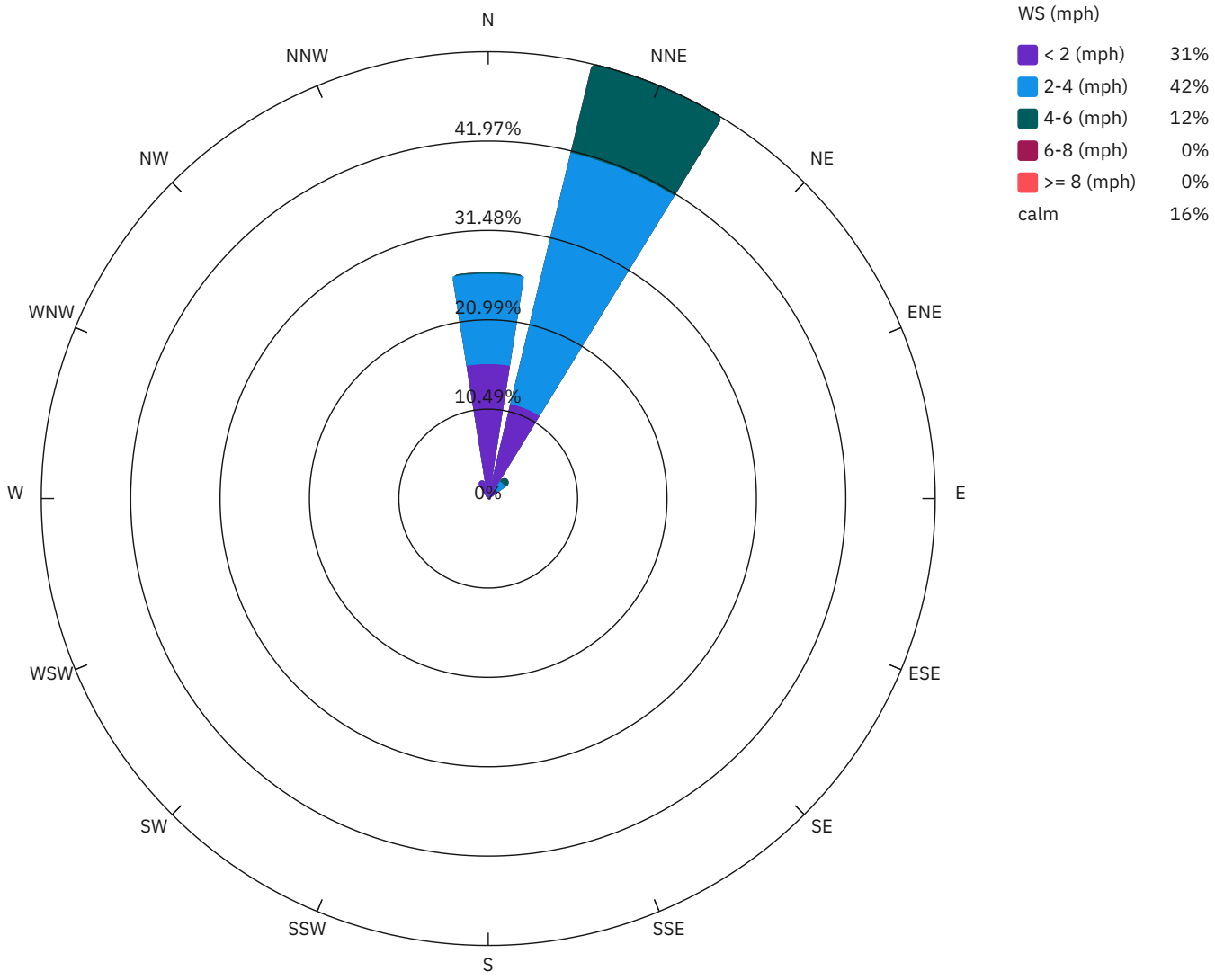
PM10 Average Contribution (µg/m³)



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
6/24/2025 06:45:00	25.0	33.0	7.9	0.0000	0.0000	0.0000	0.6	NNW
6/24/2025 07:00:00	24.7	34.8	10.0	0.0053	0.0013	-0.0040	1.0	N
6/24/2025 07:15:00	42.9	25.4	-17.5	0.0080	0.0000	-0.0080	1.9	NNE
6/24/2025 07:30:00	61.3	35.5	-25.8	0.0180	0.0000	-0.0180	1.1	N
6/24/2025 07:45:00	40.9	27.1	-13.7	0.0133	0.0000	-0.0133	1.2	N
6/24/2025 08:00:00	46.4	32.0	-14.4	0.0027	0.0000	-0.0027	0.9	N
6/24/2025 08:15:00	42.4	34.5	-7.9	0.0027	0.0000	-0.0027	0.9	N
6/24/2025 08:30:00	43.1	40.1	-3.0	0.0033	0.0000	-0.0033	1.4	N
6/24/2025 08:45:00	50.3	46.0	-4.3	0.0087	0.0000	-0.0087	3.0	NNE
6/24/2025 09:00:00	42.4	34.2	-8.2	0.0060	0.0000	-0.0060	2.7	NNE
6/24/2025 09:15:00	34.7	37.6	2.9	0.0000	0.0000	0.0000	3.3	NNE
6/24/2025 09:30:00	41.1	33.6	-7.5	0.0060	0.0053	-0.0007	3.1	NNE
6/24/2025 09:45:00	62.3	32.9	-29.4	0.0093	0.0000	-0.0093	3.6	NNE
6/24/2025 10:00:00	50.7	37.0	-13.8	0.0153	0.0000	-0.0153	2.8	NNE
6/24/2025 10:15:00	50.4	34.1	-16.3	0.0027	0.0113	0.0087	2.8	NNE
6/24/2025 10:30:00	41.4	32.1	-9.3	0.0000	0.0000	0.0000	2.9	NNE
6/24/2025 10:45:00	36.3	33.4	-2.9	0.0207	0.0000	-0.0207	3.0	NNE
6/24/2025 11:00:00	45.8	39.0	-6.8	0.0167	0.0420	0.0253	2.5	NNE
6/24/2025 11:15:00	65.3	40.3	-25.0	0.0067	0.0000	-0.0067	2.8	NNE
6/24/2025 11:30:00	76.9	28.8	-48.1	0.0047	0.0000	-0.0047	2.7	NNE
6/24/2025 11:45:00	48.1	27.5	-20.6	0.0160	0.0007	-0.0153	2.6	NNE
6/24/2025 12:00:00	35.4	40.5	5.1	0.0047	0.0013	-0.0033	2.0	NNE
6/24/2025 12:15:00	28.1	30.9	2.7	0.0087	0.0000	-0.0087	1.9	NNE
6/24/2025 12:30:00	25.8	33.2	7.5	0.0100	0.0000	-0.0100	2.5	NNE
6/24/2025 12:45:00	42.1	27.8	-14.3	0.0020	0.0113	0.0093	3.7	NNE
6/24/2025 13:00:00	46.5	24.2	-22.3	0.0013	0.0000	-0.0013	2.5	NNE
6/24/2025 13:15:00	52.2	22.7	-29.5	0.0020	0.0000	-0.0020	3.3	NNE
6/24/2025 13:30:00	49.3	23.0	-26.4	0.0200	0.0000	-0.0200	2.4	NNE
6/24/2025 13:45:00	28.5	29.4	0.9	0.0273	0.0007	-0.0267	2.1	NNE
6/24/2025 14:00:00	27.8	27.4	-0.4	0.0060	0.0013	-0.0047	2.4	NNE
6/24/2025 14:15:00	34.0	26.5	-7.5	0.0273	0.0000	-0.0273	2.8	NNE
6/24/2025 14:30:00	23.2	24.6	1.5	0.0527	0.0000	-0.0527	1.7	N

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
6/24/2025 14:45:00	26.4	30.9	4.5	0.0147	0.0000	-0.0147	1.5	N
6/24/2025 15:00:00	28.4	29.9	1.5	0.0220	0.0013	-0.0207	1.8	NNE
6/24/2025 15:15:00	24.0	34.1	10.1	0.0147	0.0000	-0.0147	1.4	NNE
6/24/2025 15:30:00	19.4	17.9	-1.5	0.0240	0.0000	-0.0240	2.4	NNE
6/24/2025 15:45:00							2.6	NNE