LANGAN

DAILY STATUS REPORT

Prepared By: Daniel Horvath

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

Langan Project No:	100688803	Project:	12074 Flatlands Avenue p/o Lot 1	Date:	08/21/2025
NYSDEC BCP Site No:	C224353	NYCOER Site No.:	Lot 1: 23TMP1319K / 23EHAN210K Lot 100: 25TMP1084K, 25EHAN206K	Time:	06:30 – 17:45

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Daniel Horvath (Environmental), Junggeun Hwang (Geotechnical) **Monadnock:** Seamus Lavin (Superintendent) **United Concrete:** Miguel Flores and laborers **American Dewatering & Grouting:** Crew

EQUIPMENT ON SITE: Komatsu PC490 LC Excavator, 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, CASE TV450B Skid Steer, FL-126 Telehandler, Hutte HBR610 Drill Rig

Site Activities

BCP Site Activities

- Langan provided oversight during implementation of the 1 May 2024 RAWP.
- United Concrete (United) removed 17 truckloads of non-hazardous material from stockpile ST-98, originally excavated from disposal grid WC35G for off-Site disposal to Clean Earth New Castle.
    - United added the remained of stockpile ST-98 to truck ramp TR-6. Stockpile ST-98 is no longer present on-Site.
- United removed 20 truckloads of non-hazardous material from stockpile ST-99, originally generated from disposal grids WC25, WC26, and WC27, for off-Site disposal to Clean Earth Philadelphia. Stockpile ST-99 is no longer present on-Site.
- United imported 3 truckloads of clean fill from Evergreen Recycling of Corona in Flushing, NY. All imported material was staged as stockpile ST-100 in the northern portion of the Site.
- United excavated an approximately 60-foot-long by 80-foot-wide from between 14 and up to 18 feet bgs in disposal grid WC37G in the central portion of the Site. All excavated material was staged as stockpile ST-101 in the central portion of the Site.
- United cut concrete piles to grade in the central portion of the Site.
- United installed rebar and formwork for the construction of pile caps in the northern portion of the Site.
- United installed formwork for the construction of the elevator pit in the northeastern portion of the Site.
- United continued installing walers in the southern portion of the Site.

Lot 100 Site Activities

- None.

Dewatering Activities

- ADG continued dewatering in the central and northern portions 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 excavating in the central portion of the Site.
- United will export material from the Site.
- United will pour concrete for the construction of pile caps in the northern portion of the Site.
- United will continue installing walers in the southern portion of the Site.
- ADG will continue dewatering the northern and central portions the Site.

Two Week Outlook

- United will excavate and export material from the central portion of the Site.
- ADG will continue dewatering the northern and central portions the Site and will activate additional wells in the central and southern portions of the Site as needed.

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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	0	0
Total:	18	360	0	0	138	2,760	7	140	84	1,680
Approved Quantity (CY):	----	500	----	500	----	3,500	----	3,500	----	5,000
Facility/Material (BCP Site – NYSDEC Approved):	Evergreen Recycling of Corona Flushing, New York *(Clean Fill)*		----		----		----		----	
Volume:	Trucks	Cu. Yards	Trucks	Cu. Yards	Trucks	Cu. Yards	Trucks	Cu. Yards	Trucks	Cu. Yards
Today:	3	60	----	----	----	----	----	----	----	----
Total:	35	700	----	----	----	----	----	----	----	----
Approved Quantity (CY):	----	1350	----	----	----	----	----	----	----	----
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:	20	320	0	0	0	0	0	0	17	340
Total:	244	3,904	51	1,020	1,093	21,860	180	3,600	1,001	20,020
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 (3,500 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:	194	3,880	32	640	50	1000	0	0	97	1,940
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	1	20	0	0	180	3,600	----	----
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	----	----	----	----	----	----	----	----

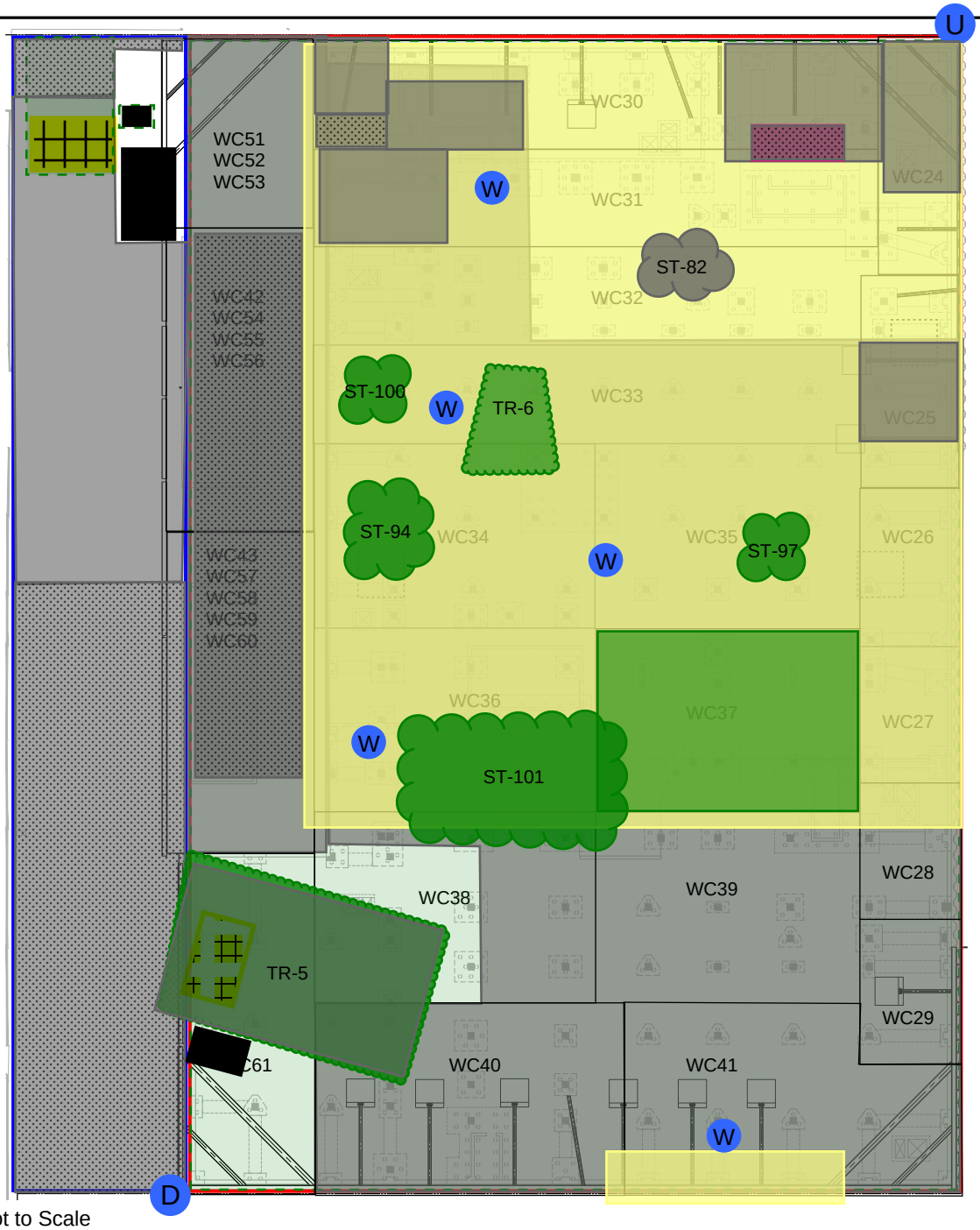
* Note: 20 cubic yards assumed per truckload except for disposal to Clean Earth Philadelphia, which is assumed to be 16 CY per truckload

Photo Log

Photo 1 – United washing trucks at the truck wash station in the southwestern portion of the Site, facing southeast.	
Photo 2 – United importing clean fill, facing south.	

Photo 3 – United excavating in the central portion of the Site, facing south.	
Photo 4 – United cutting concrete piles to grade in the central portion of the Site, facing southeast.	

SITE MAP



Approximate and Not to Scale

LEGEND

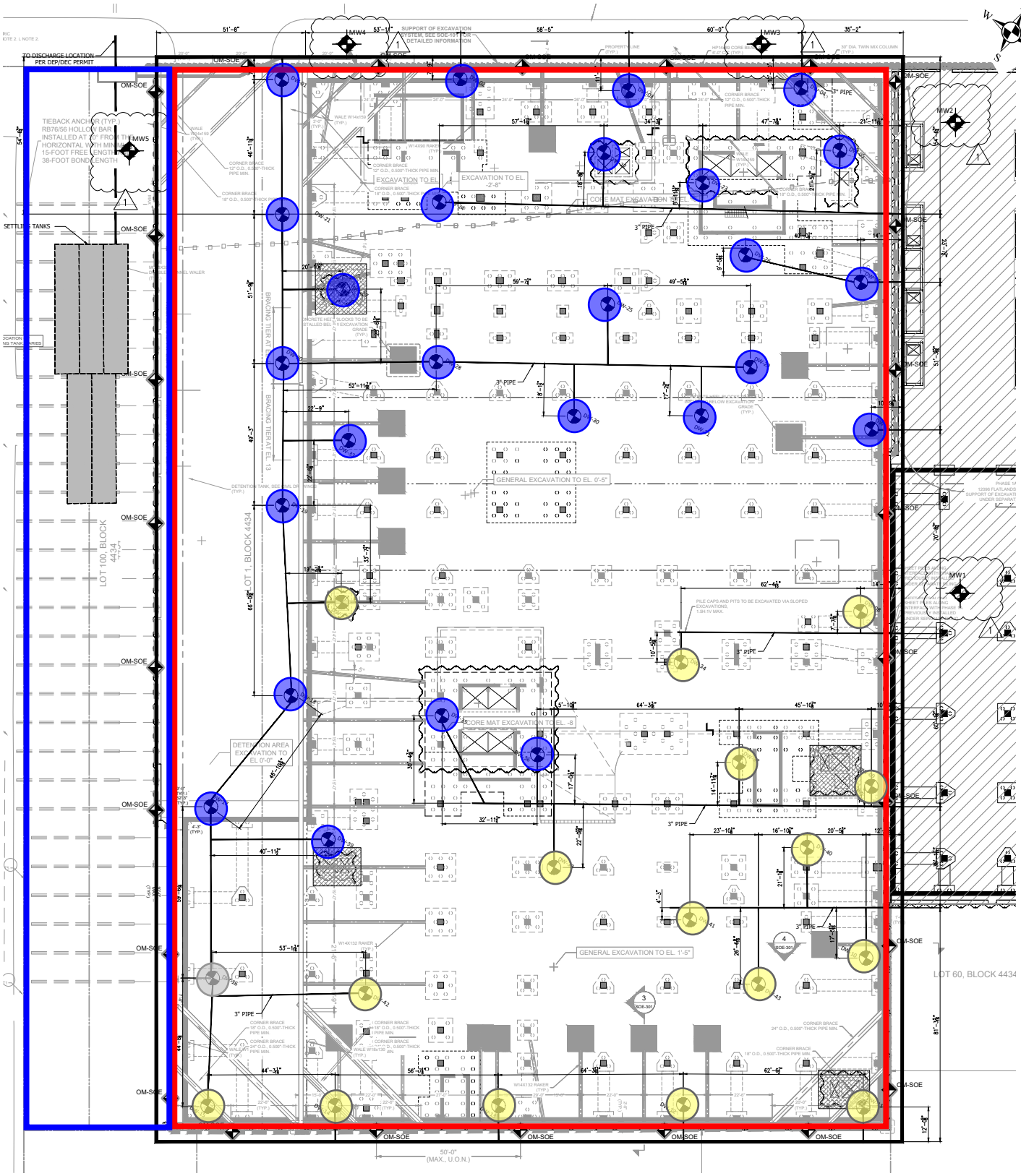
- 12074 Flatlands Avenue Site Boundary (BCP Site No. C224353)
- Lot 100 Site Boundary (NYCOER Site No. 25TMP1084K)
- Disposal Grids
- RAWP Hotspot Areas
- Excavation Completed Today
- Excavation Previously Completed
- Concrete
- Clean Stone
- FODS Trackout
- Settling Tank
- Waterproofing/Vapor Barrier Membrane Installed

- 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. WC45_R underlies disposal grids WC30I, WC31H, WC32H, WC33H, WC34H, and WC35H; WC46 underlies disposal grids WC24, WC25, WC30I, WC31H, WC32H, WC33H, and WC35H; WC47R underlies disposal grids WC34H, WC36H, and WC38H; WC48 underlies disposal grids WC26, WC27, WC28, WC35H, WC37H, and WC39H; WC49 underlies disposal grids WC61, WC38H, and WC40H; and WC50 underlies disposal grids WC28, WC29, WC39H, and WC41H.
4. Stockpile TR-5 contains non-hazardous material excavated from disposal grids WC61E and WC61F for off-Site disposal to Clean Earth Carteret, previously imported DGA relocated from truck ramp TR-4, and previously imported clean fill from Evergreen Recycling of Corona. The non-hazardous excavated material is segregated from the imported material by polyethylene sheeting.
5. Stockpile ST-82 contains imported 0.75-inch clean stone from Braen Stone of Sparta in Lafayette, NJ.
6. Truck Ramp TR-6 contains non-hazardous material excavated from disposal grids WC45_R and WC35G for off-Site disposal to Clean Earth New Castle.
7. Stockpile ST-94 contains non-hazardous material excavated from disposal grid WC30I for off-Site disposal to Clean Earth Carteret.
8. Stockpile ST-97 contains hazardous material excavated from disposal grid WC35G for off-Site disposal to Clean Earth North Jersey.
9. Stockpile ST-100 imported clean fill from Evergreen Recycling of Corona in Flushing, NY.
10. Stockpile ST-101 contains non-hazardous material excavated from disposal grid WC37G 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
- DW-# Deep Well
- MW# Monitoring Well for Dewatering Monitoring and Sampling
- Deep Well to be Installed

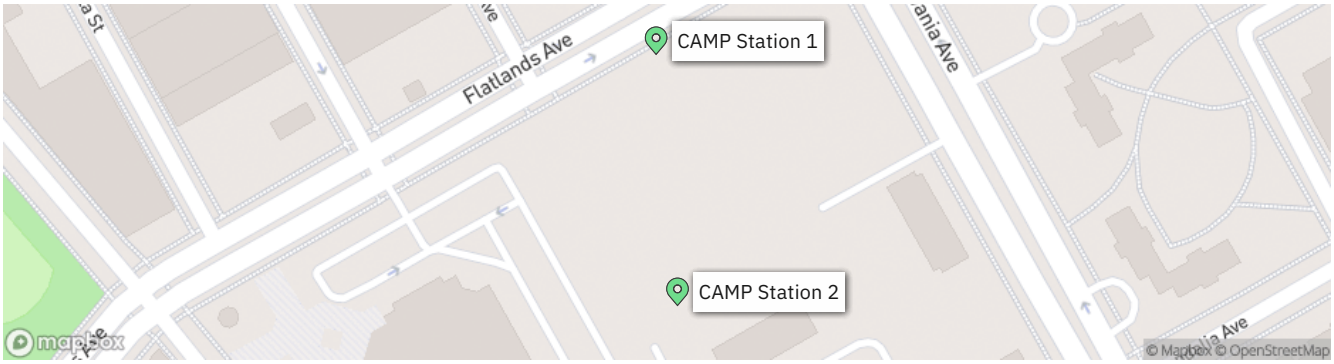
NOTES

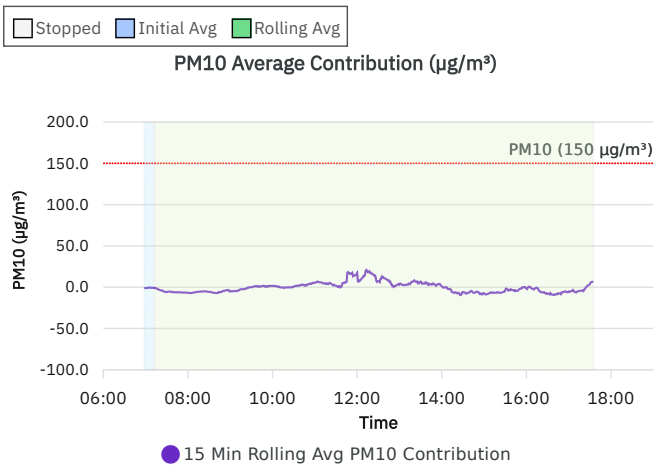
1. Basemap from the "Dewatering Plan" drawing prepared by Cichetti Engineering PLLC dated 5/5/2025.

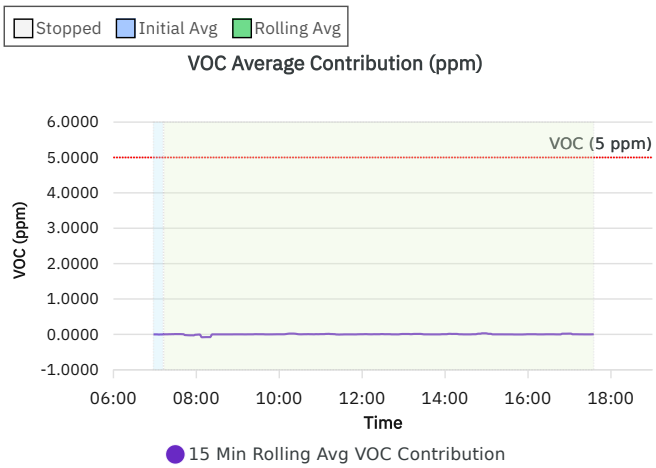
aeroqual	Site Contribution Report - CCC Phase 1B - 1 Report	100688803 - CCC - Phase 1B	
		Report Period	
		From:	08/21/2025 06:00
		To:	08/21/2025 19:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
08/21/2025	58.3 - 71.6	57.8 - 91.1	29.8 - 30.3	1.1 - 11.0	NE

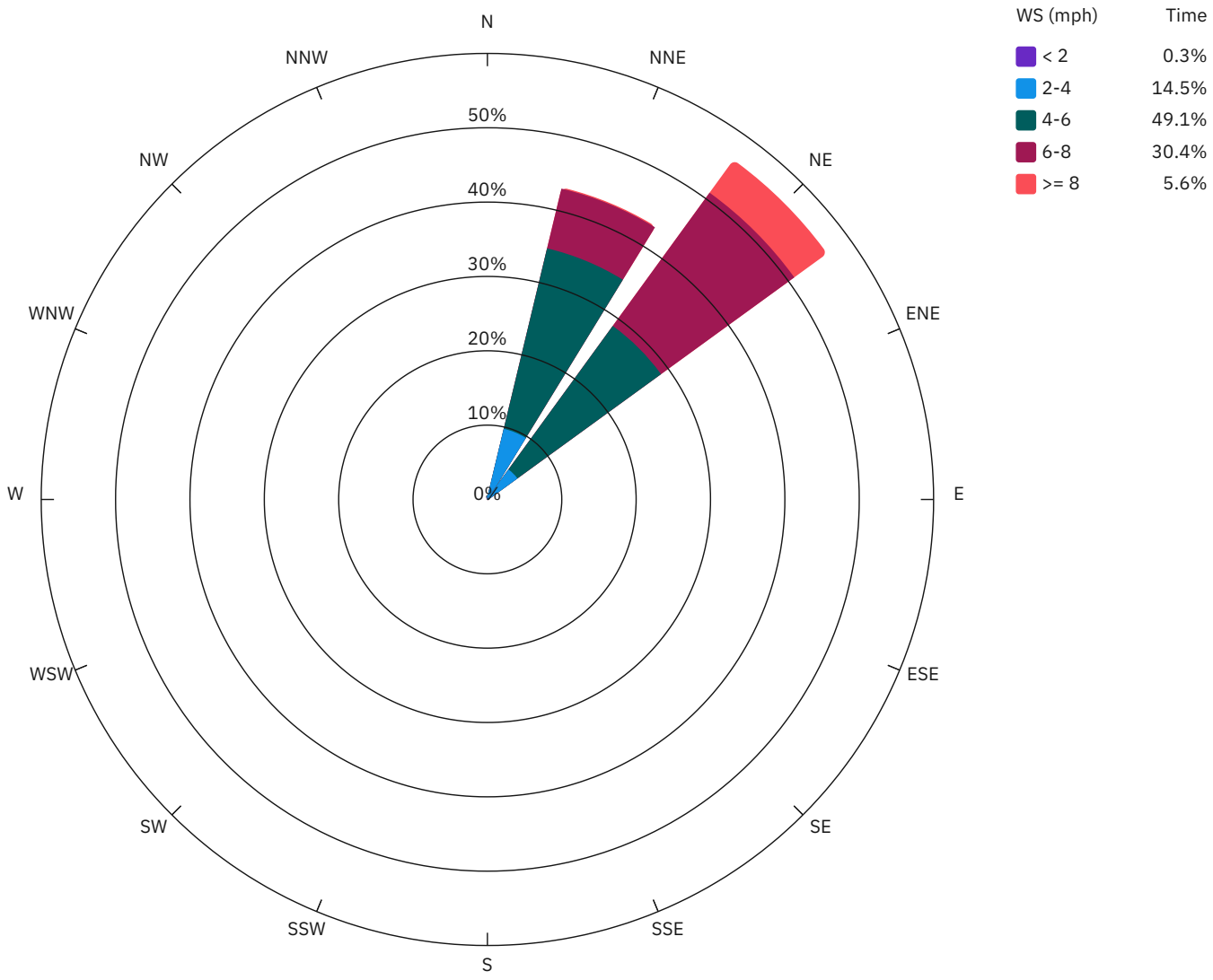
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 8/21/2025	-8.2	16:45	-0.0773	08:15
Max Contribution (15 min avg.) - 8/21/2025	18.2	12:15	0.0280	15:00
Daily Avg. Contribution (15 min avg.) - 8/21/2025	-0.4	-	0.0017	-







Wind rose (mph)



DER-10 Summary: 15 Min Rolling Avg Data

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	Wind Direction
8/21/2025 07:00	7.9	6.8	-1.1	0.0000	0.0000	0.0000	3.6	NNE
8/21/2025 07:15	7.3	6.1	-1.3	0.0033	0.0053	0.0020	3.8	NNE
8/21/2025 07:30	9.0	3.1	-5.9	0.0000	0.0087	0.0087	4.4	NNE
8/21/2025 07:45	8.3	2.2	-6.1	0.0233	0.0027	-0.0207	4.8	NNE
8/21/2025 08:00	8.7	1.8	-6.9	0.0113	0.0013	-0.0100	5.7	NE
8/21/2025 08:15	6.9	1.4	-5.5	0.0773	0.0000	-0.0773	6.0	NNE
8/21/2025 08:30	7.1	1.4	-5.7	0.0000	0.0000	0.0000	5.9	NE
8/21/2025 08:45	9.0	3.1	-5.9	0.0000	0.0000	0.0000	6.6	NE
8/21/2025 09:00	7.5	2.6	-5.0	0.0000	0.0013	0.0013	5.3	NE
8/21/2025 09:15	6.5	4.0	-2.5	0.0000	0.0013	0.0013	5.1	NE
8/21/2025 09:30	5.6	5.6	0.0	0.0000	0.0040	0.0040	5.2	NE
8/21/2025 09:45	6.9	8.2	1.3	0.0000	0.0000	0.0000	5.3	NNE
8/21/2025 10:00	8.0	9.3	1.3	0.0000	0.0033	0.0033	5.7	NE
8/21/2025 10:15	7.6	7.0	-0.6	0.0000	0.0220	0.0220	4.1	NNE
8/21/2025 10:30	8.4	9.1	0.7	0.0000	0.0020	0.0020	4.7	NE
8/21/2025 10:45	9.3	11.4	2.1	0.0000	0.0047	0.0047	4.8	NNE
8/21/2025 11:00	12.3	17.8	5.4	0.0000	0.0073	0.0073	5.7	NNE
8/21/2025 11:15	12.0	16.7	4.7	0.0040	0.0133	0.0093	5.0	NNE
8/21/2025 11:30	14.7	16.4	1.7	0.0027	0.0000	-0.0027	6.0	NE
8/21/2025 11:45	12.1	18.6	6.5	0.0000	0.0000	0.0000	5.5	NE
8/21/2025 12:00	12.5	29.8	17.3	0.0007	0.0047	0.0040	5.7	NE
8/21/2025 12:15	12.5	30.7	18.2	0.0000	0.0027	0.0027	4.6	NNE
8/21/2025 12:30	12.4	19.7	7.4	0.0000	0.0080	0.0080	5.1	NNE
8/21/2025 12:45	12.1	20.3	8.2	0.0000	0.0007	0.0007	5.9	NNE
8/21/2025 13:00	12.2	15.4	3.2	0.0007	0.0113	0.0107	5.1	NNE
8/21/2025 13:15	11.4	15.2	3.8	0.0000	0.0127	0.0127	4.8	NNE
8/21/2025 13:30	18.1	24.9	6.8	0.0000	0.0007	0.0007	6.9	NNE
8/21/2025 13:45	18.8	22.3	3.4	0.0000	0.0000	0.0000	6.8	NE
8/21/2025 14:00	14.7	15.9	1.2	0.0000	0.0053	0.0053	6.2	NE
8/21/2025 14:15	20.5	14.4	-6.1	0.0000	0.0127	0.0127	6.2	NE
8/21/2025 14:30	18.1	12.3	-5.8	0.0000	0.0000	0.0000	5.7	NE

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	Wind Direction
8/21/2025 14:45	15.5	8.9	-6.6	0.0000	0.0060	0.0060	5.9	NE
8/21/2025 15:00	20.3	12.9	-7.4	0.0000	0.0280	0.0280	6.7	NE
8/21/2025 15:15	16.6	9.6	-6.9	0.0000	0.0007	0.0007	5.0	NE
8/21/2025 15:30	14.4	10.8	-3.6	0.0000	0.0000	0.0000	5.9	NE
8/21/2025 15:45	18.8	14.3	-4.4	0.0027	0.0000	-0.0027	6.0	NE
8/21/2025 16:00	13.0	11.2	-1.7	0.0000	0.0040	0.0040	5.0	NE
8/21/2025 16:15	12.7	12.1	-0.6	0.0000	0.0000	0.0000	5.8	NE
8/21/2025 16:30	14.8	6.7	-8.1	0.0000	0.0027	0.0027	6.0	NE
8/21/2025 16:45	15.7	7.5	-8.2	0.0000	0.0000	0.0000	5.9	NE
8/21/2025 17:00	12.8	7.5	-5.3	0.0000	0.0213	0.0213	6.8	NE
8/21/2025 17:15	12.0	7.4	-4.6	0.0000	0.0013	0.0013	6.2	NNE
8/21/2025 17:30	8.4	12.2	3.8	0.0000	0.0000	0.0000	5.0	NNE