LANGAN

DAILY STATUS REPORT

Prepared By: Daniel Horvath

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

Langan Project No:	100688803	Project:	12074 Flatlands Avenue p/o Lot 1	Date:	04/16/2025
NYSDEC BCP Site No:	C224353	NYCOER Site No.:	Lot 1: 23TMP1319K / 23EHAN210K Lot 100: 25TMP1084K, 25EHAN206K	Time:	06:15 – 17:00

Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**PERSONNEL ON SITE:** **Langan:** Daniel Horvath (Environmental), Hamed Gholizadeh Touchaei (Geotechnical) **Monadnock:** Seamus Lavin (Superintendent) **United Concrete:** Claudio Cappiello, Miguel Flores and laborers **RYC Turbos:** Ronan Cooke & 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

Site Activities

BCP Site Activities

- Langan provided oversight during implementation of the 1 May 2024 RAWP.
- United Concrete (United) removed 44 truckloads of non-hazardous material from stockpile ST-17, consisting of material excavated from disposal grids WC33B and WC35B in the central portion of the Site, for off-Site disposal to Clean Earth Carteret in Carteret, NJ.
- United removed 20 truckloads of non-hazardous material for off-Site disposal to Clean Earth New Castle in New Castle, DE.
    - United removed 3 truckloads of material from stockpile ST-16, consisting of material originally excavated from disposal grid WC30D in the northern portion of the Site. Stockpile ST-16 is no longer present on-Site.
    - United removed 17 truckloads of material from stockpile ST-24, consisting of material originally excavated from disposal grids WC35D in the eastern portion of the Site.
- United used a hammer attachment to break up previously stockpiled concrete in the central portion of the Site.
- RYC Turbos continued installing the soil mix wall along the southern and northern boundaries of the Site for the construction of the Support of Excavation (SOE).

Lot 100 Site Activities

- United imported 2 truckloads of 1.5-inch clean stone from Braen Stone of Sparta in Lafayette, NJ.
    - United placed an approximately 6-inch thick layer of the imported 1.5-inch stone above Mirafi filter fabric in an approximately 100-foot long by 50-foot wide area in the central portion of the Site for the construction of the logistical zone.
- United imported 1 truckload of 0.75-inch clean stone from Braen Stone of Sparta in Lafayette, NJ.
    - United placed an approximately 6-inch thick layer of the imported 0.75-inch stone above Mirafi filter fabric in the northwestern portion of the Site for the construction of the logistical zone.

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 were detected in exceedance of the short-term exposure limit (STEL).
    - Dust exceedances of the STEL at the downwind CAMP station are as follows.

4/17/2025 Dust Data			
	mg/m³	**Time**	**Comment**
Exceedance of STEL:	0.225	9:30	Elevated particulate concentrations and visible dust were observed due to grout mixing for the soil mixing SOE. Dust suppression was applied in the form of water and concentrations subsided. Dust was not observed to be migrating off-site.
Exceedance of STEL:	0.258	11:15	Elevated particulate concentrations and visible dust were observed due to grout mixing for the soil mixing SOE. Dust suppression was applied in the form of water and concentrations subsided. Dust was not observed to be migrating off-site.
Exceedance of STEL:	0.413	12:45	Elevated particulate concentrations and visible dust were observed due to grout mixing for the soil mixing SOE. Dust suppression was applied in the form of water and concentrations subsided. Dust was not observed to be migrating off-site.

Problems Encountered

- None.

Activities Scheduled for Next Day

- RYC Turbos will continue installing the soil mix wall for the SOE in the southern and northern portions of the Site.
- United will excavate in the western portion of the Site.

Two Week Outlook

- United will excavate and export material from the southern and central portions of the Site.
- RYC Turbos will install the SOE along the northern and western (within Lot 100) boundaries of the Site.

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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)*		----	
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	----	----
Total:	18	360	0	0	31	620	0	0	----	----
Approved Quantity:	----	500	----	500	----	3,500	----	3,500	----	----
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:	2	40	1	20	----	----	----	----	----	----
Total:	6	120	1	20	----	----	----	----	----	----
Approved Quantity:	----	3,000	----	3,000	----	----	----	----	----	----

Note: 20 cubic yards assumed per truckload

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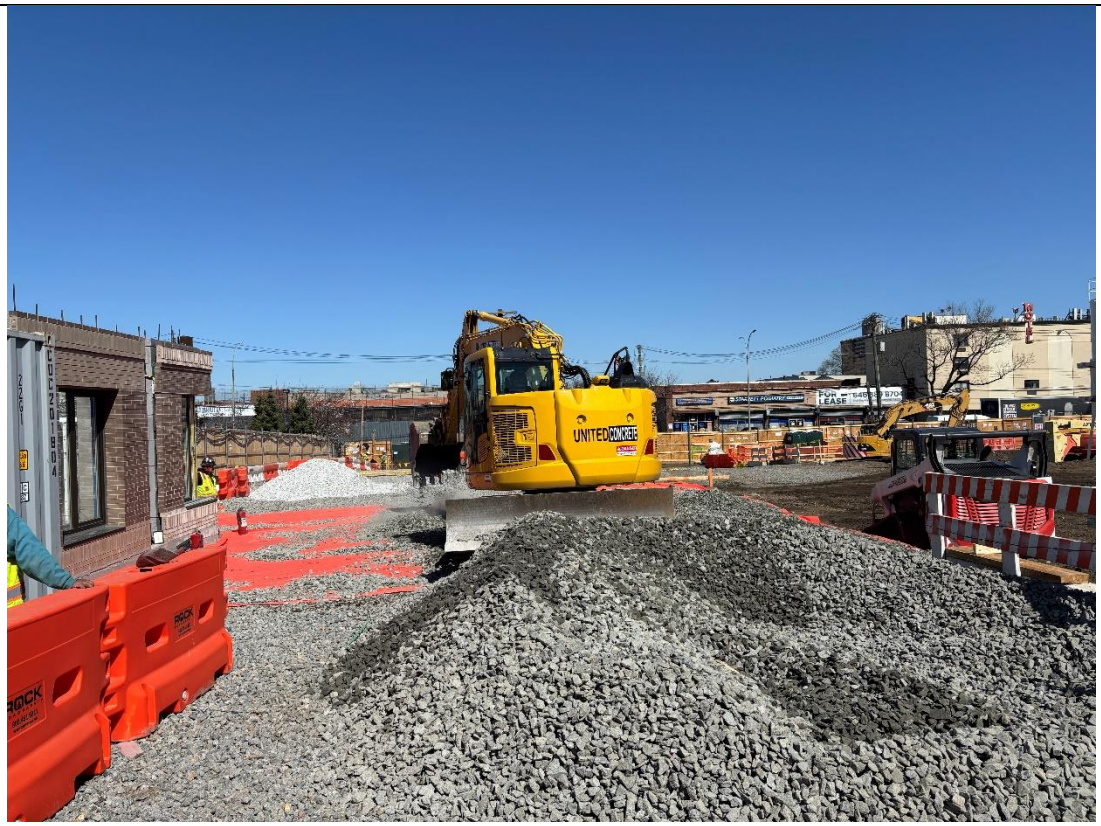
Truck Count Log of Exported Material										
Facility/Material:	Clean Earth Philadelphia Philadelphia, Pennsylvania Approval # 243100026 (7,000 tons)		Clean Earth Carteret Carteret, New Jersey Approval #243070587 (4,000 tons)		Clean Earth Carteret Carteret, New Jersey Approval #253070241 (cumulative 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	44	880	0	0	20	400
Total:	115	2,300	20	400	479	9,580	71	1,420	54	1,080
Facility/Material:	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:	1	20	0	0	3	60	0	0	1	20
Facility/Material:	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	72	1,440	----	----

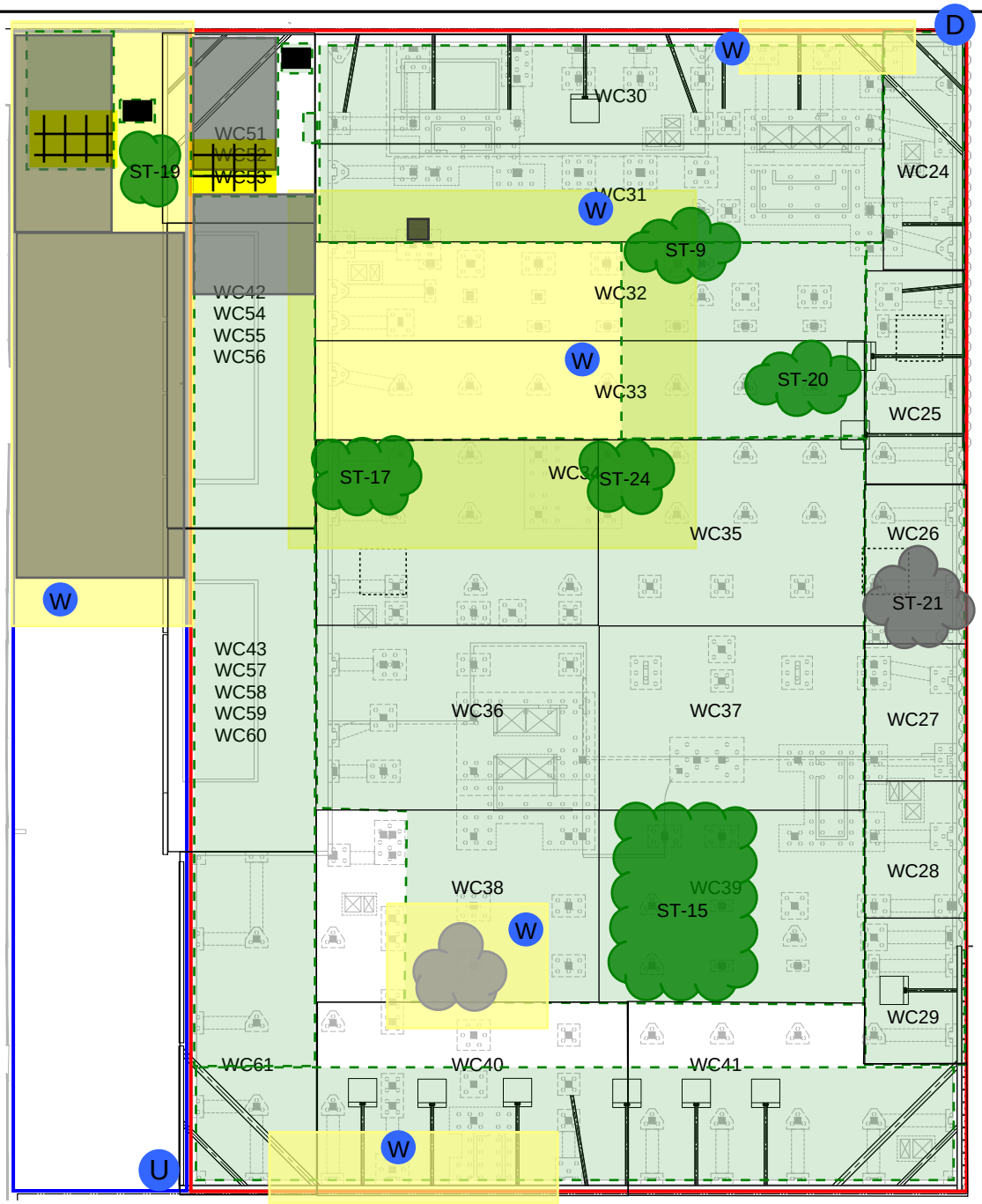
Note: 20 cubic yards assumed per truckload

Photo Log

Photo 1 – United loading non-hazardous material from stockpile ST-17 for off-Site disposal to Clean Earth Carteret, facing east.	
Photo 2 – Upwind CAMP station, facing south	

Photo 3 – United placing the imported 1.5-inch clean stone on Lot 100 for the construction of the logistical zone, facing north.	
Photo 4 – View of the logistical zone in the northern portion of Lot 100, facing southwest.	

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
- Surficial Asphalt/Concrete Removed Today
- Clean Stone
- FODS Trackout
- Settling Tank for Truck Wash Station
- Area Graded Today
- 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

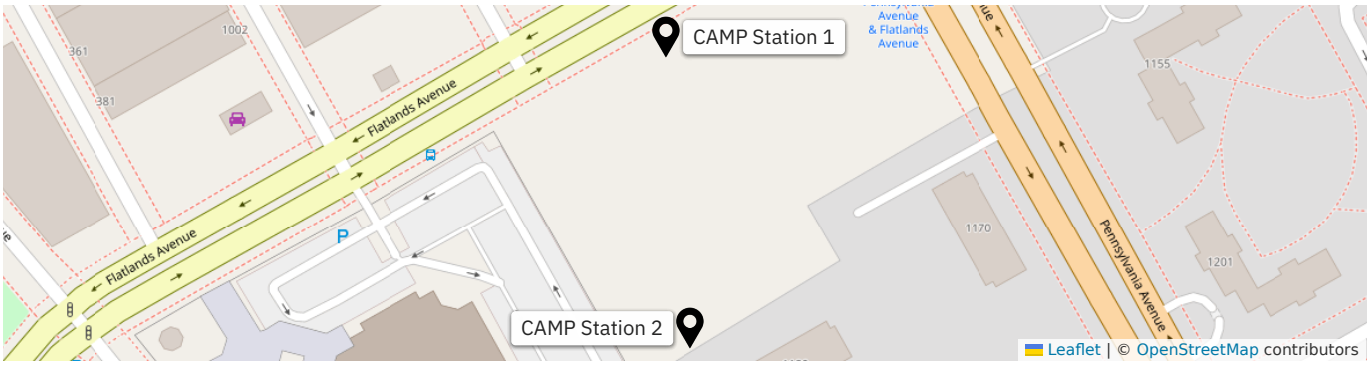
NOTES

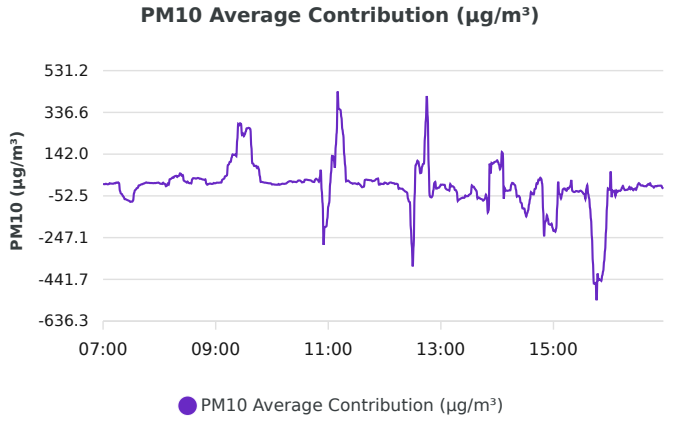
1. Basemap from the "Support of Excavation Plan" drawing prepared by Langan dated 3/3/2025.
2. Waste characterization grids are shown as presented in the Draft Disposal Map prepared by Clean Earth.
3. Stockpile ST-9 contains hazardous material excavated from disposal grids WC30E and WC31E in the northern portion of the Site for future off-Site disposal to Clean Earth Carteret.
4. Stockpile ST-15 contains non-hazardous material excavated from disposal grids WC20, WC21, WC24, WC25, WC26, and WC27 in the eastern portion of the Site for off-Site disposal to Clean Earth Philadelphia.
5. Stockpile ST-17 contains non-hazardous material excavated from disposal grids WC33B and WC35B in the central portion of the Site for off-Site disposal to Clean Earth Carteret.
6. Stockpile ST-19 contains non-hazardous material excavated in the northern portion of Lot 100 for future off-Site disposal.
7. Stockpile ST-20 contains non-hazardous material excavated from disposal grid WC33E in the central portion of the Site for off-Site disposal to Clean Earth Carteret.
8. Stockpile ST-21 contains previously imported 1.5-inch clean stone from Tilcon New York Inc. excavated from the Support of Excavation (SOE) slope for the adjacent Site to the east (BCP Site No. C224290).
9. Stockpile ST-24 contains non-hazardous material excavated from disposal grid WC35D and WC51E in the northern portion of the Site for off-Site disposal to Clean Earth New Castle.

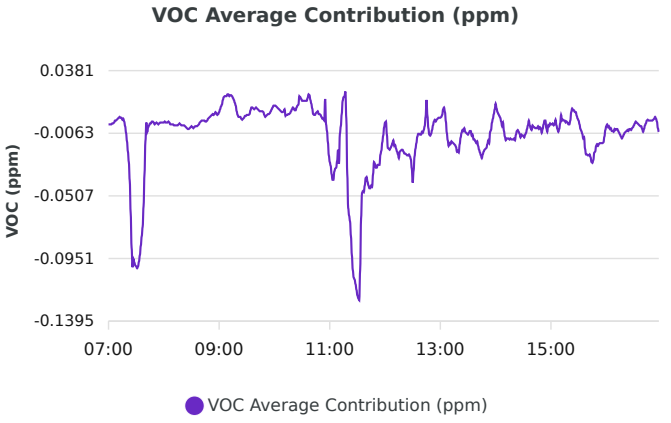
LANGAN	Site Contribution Report - CCC Phase 1B - 1 Report	100688803 - CCC - Phase 1B	
		Report Period	
		From:	4/17/2025 07:00
		To:	4/17/2025 19:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Windspeed (mph)	Prevailing wind direction
4/17/2025	40.6-66.2	19.1-52.7	30.1-30.1	0.6-5.6	NW

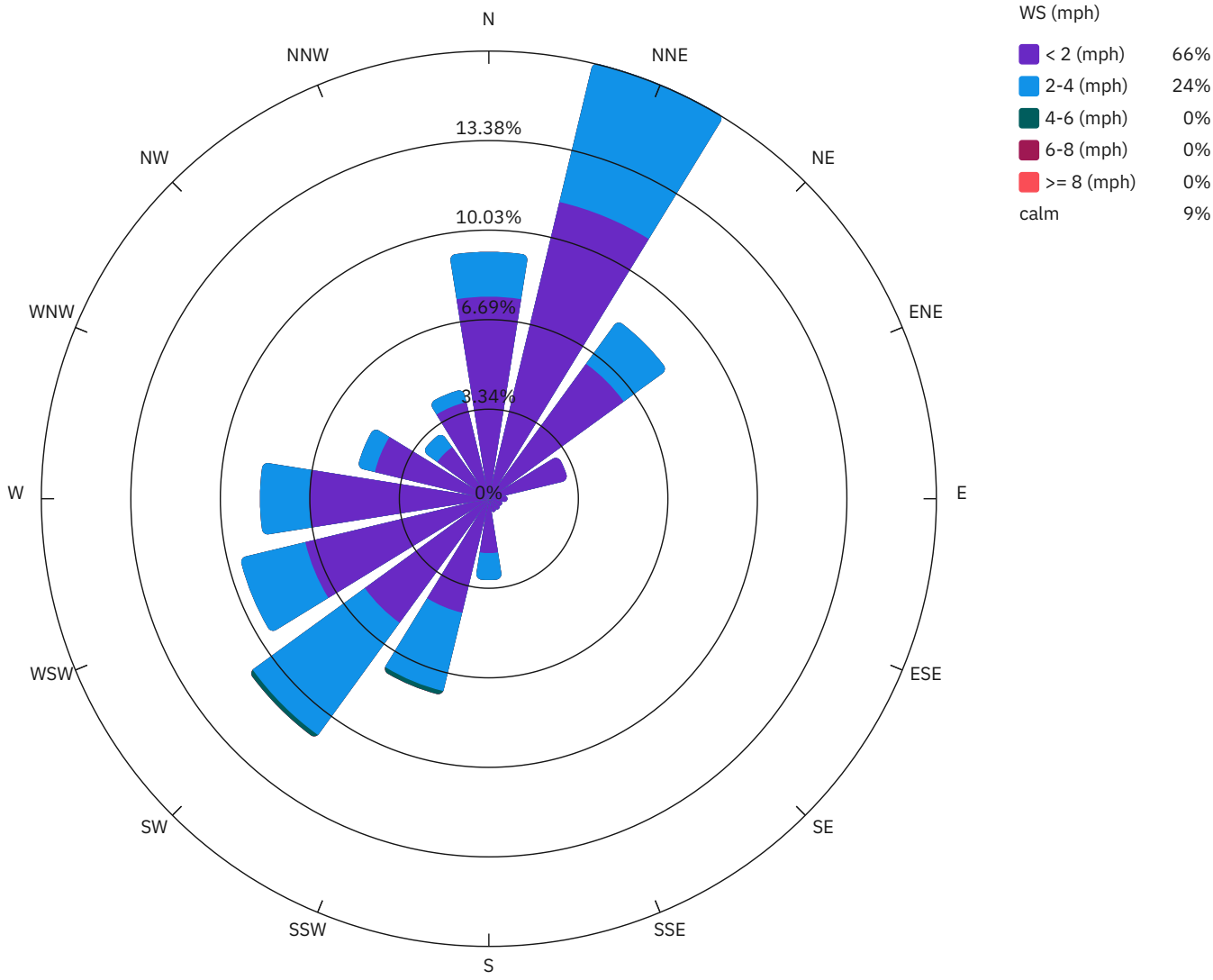
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 4/17/2025	-458.8	15:45	-0.1213	11:30
Max Contribution (15 min avg.) - 4/17/2025	412.9	12:45	0.0193	11:15







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
4/17/2025 07:00:00	5.7	8.4	2.8	0.0069	0.0069	0.0000	0.6	NNE
4/17/2025 07:15:00	16.8	25.5	8.7	0.0127	0.0160	0.0033	0.4	E
4/17/2025 07:30:00	101.3	21.9	-79.4	0.1227	0.0220	-0.1007	0.6	NNE
4/17/2025 07:45:00	10.8	19.0	8.3	0.0147	0.0153	0.0007	0.4	NW
4/17/2025 08:00:00	11.1	18.1	6.9	0.0107	0.0120	0.0013	0.3	WNW
4/17/2025 08:15:00	39.5	71.5	32.0	0.0107	0.0100	-0.0007	0.6	NE
4/17/2025 08:30:00	13.7	27.8	14.1	0.0113	0.0100	-0.0013	0.9	NNE
4/17/2025 08:45:00	19.7	45.5	25.8	0.0080	0.0100	0.0020	1.5	NNE
4/17/2025 09:00:00	19.8	26.3	6.6	0.0060	0.0147	0.0087	1.1	NNE
4/17/2025 09:15:00	25.7	131.6	106.0	0.0080	0.0267	0.0187	1.7	NE
4/17/2025 09:30:00	17.6	242.9	225.3	0.0067	0.0133	0.0067	1.5	NNE
4/17/2025 09:45:00	19.7	102.3	82.6	0.0047	0.0140	0.0093	1.7	NNE
4/17/2025 10:00:00	17.5	18.1	0.6	0.0007	0.0140	0.0133	1.7	NNE
4/17/2025 10:15:00	13.3	18.2	4.9	0.0147	0.0220	0.0073	1.1	N
4/17/2025 10:30:00	16.1	34.9	18.7	0.0113	0.0280	0.0167	1.1	N
4/17/2025 10:45:00	20.1	32.4	12.2	0.0133	0.0213	0.0080	0.9	NNW
4/17/2025 11:00:00	368.1	266.7	-101.4	0.0700	0.0433	-0.0267	1.1	N
4/17/2025 11:15:00	21.1	278.6	257.6	0.0647	0.0840	0.0193	1.0	NNE
4/17/2025 11:30:00	26.0	29.4	3.4	0.1260	0.0047	-0.1213	1.9	NNE
4/17/2025 11:45:00	30.7	51.3	20.5	0.0580	0.0147	-0.0433	1.4	NNE
4/17/2025 12:00:00	20.7	30.2	9.4	0.0327	0.0340	0.0013	0.5	NW
4/17/2025 12:15:00	43.0	23.7	-19.3	0.0340	0.0100	-0.0240	0.5	NNE
4/17/2025 12:30:00	391.5	10.4	-381.1	0.0473	0.0060	-0.0413	1.8	SW
4/17/2025 12:45:00	134.1	547.0	412.9	0.0300	0.0473	0.0173	1.1	WSW
4/17/2025 13:00:00	44.2	44.4	0.1	0.0153	0.0200	0.0047	0.8	WNW
4/17/2025 13:15:00	38.5	13.5	-25.0	0.0320	0.0180	-0.0140	1.9	SW
4/17/2025 13:30:00	62.4	14.8	-47.7	0.0160	0.0087	-0.0073	0.9	SW
4/17/2025 13:45:00	87.3	12.5	-74.7	0.0293	0.0053	-0.0240	2.1	SW
4/17/2025 14:00:00	154.8	267.9	113.2	0.0080	0.0227	0.0147	0.6	WNW
4/17/2025 14:15:00	41.2	40.3	-0.9	0.0173	0.0067	-0.0107	1.8	WSW
4/17/2025 14:30:00	157.7	23.8	-133.9	0.0200	0.0120	-0.0080	1.5	WSW
4/17/2025 14:45:00	43.8	64.8	21.0	0.0107	0.0080	-0.0027	1.0	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
4/17/2025 15:00:00	321.1	105.5	-215.6	0.0247	0.0247	0.0000	1.1	W
4/17/2025 15:15:00	39.0	22.4	-16.6	0.0160	0.0187	0.0027	1.8	WSW
4/17/2025 15:30:00	65.1	33.7	-31.4	0.0213	0.0240	0.0027	1.3	WSW
4/17/2025 15:45:00	503.9	45.1	-458.8	0.0353	0.0080	-0.0273	1.9	SSW
4/17/2025 16:00:00	182.4	158.8	-23.6	0.0113	0.0100	-0.0013	1.2	W
4/17/2025 16:15:00	44.1	26.3	-17.8	0.0100	0.0027	-0.0073	1.4	SW
4/17/2025 16:30:00	34.9	35.6	0.7	0.0080	0.0073	-0.0007	0.9	WNW
4/17/2025 16:45:00	27.1	20.1	-7.0	0.0060	0.0093	0.0033	0.7	WNW