LANGAN

DAILY STATUS REPORT

Prepared By: Alex Carter

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:	05/20/2025
NYSDEC BCP Site No:	C224353	NYCOER Site No.:	Lot 1: 23TMP1319K / 23EHAN210K Lot 100: 25TMP1084K, 25EHAN206K	Time:	06:15 – 17:45

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Alex Carter (Environmental), Mario Hernandez (Geotechnical) **Monadnock:** Seamus Lavin (Superintendent) **United Concrete:** Claudio Cappiello, Miguel Flores and laborers **RYC Turbos:** Ronan Cooke and crew **Brookside Environmental:** Deep Patel and laborer **Morris-Shea:** 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 50 truckloads of non-hazardous material from stockpiles ST-45 and ST-46, originally excavated from disposal grids WC35F, WC37F, WC38C, WC38D, WC38E,WC 39C, WC39D, WC39E, WC40C, WC40D, WC40E, WC43, WC57, and WC58 in the western, central, and southern portions of the Site, for off-Site disposal to Clean Earth of New Castle.
- United removed 3 truckloads of concrete for off-Site disposal to Riverfront Recycling in Camden, NJ.
- United excavated an approximately 40-foot-long by 30-foot-wide area between 7 and up to 11.5 feet bgs in disposal grids WC36E and WC58. No staining, odors, or elevated PID readings were observed during excavation. All excavated material was added to stockpile ST-45 in the western portion of the Site. Stockpile ST-45 was covered with polyethylene sheeting at the end of the day.
- United excavated an approximately 45-foot-long by 25-foot-wide area between 2 and up to 14.5 feet bgs in disposal grids WC40C, WC40D, and WC40E. No staining, odors, or elevated PID readings were observed during excavation. All excavated material was added to stockpile ST-46 in the eastern portion of the Site. Stockpile ST-46 was covered with polyethylene sheeting at the end of the day.
- United excavated an approximately 45-foot-long by 25-foot-wide area between 14 and up to 20.5feet bgs in disposal grids WC40F. No staining, odors, or elevated PID readings were observed during excavation. All excavated material was staged as stockpile ST-47 in the southeastern portion of the Site. Stockpile ST-47 was covered with polyethylene sheeting at the end of the day.
- Brookside Environmental cleaned one of the metallic structures in the central portion of the Site. One of sediment/sludge was removed for off-Site disposal to Clean Water of New York in Staten Island, NY. The cleaned empty metallic structure was added to a roll-off container for future off-Site disposal.
- United continued installing walers for the support of excavation (SOE) in the northwestern portion of the Site.

BCP Site Activities (Continued)

- RYC Turbos continued installing the secant pile wall along the southwestern boundary of the Site for the construction of the SOE. Accumulated drill cuttings were added to stockpile ST-42 in the southwestern portion of the Site. Stockpile ST-42 was covered with polyethylene sheeting at the end of the day.
- Morris-Shea continued mobilizing equipment to the Site.

Lot 100 Site Activities

- None.

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 export material from the Site.
- United will excavate in the southern portion of the Site.
- RYC Turbos will continue installing the SOE along the southwestern portion of the Site.
- American Drilling Group (ADG) will begin installation of the dewatering wells in the northwestern portion of the Site.

Two Week Outlook

- United will excavate and export material from the southern portions of the Site.
- RYC Turbos will install the SOE along the western boundary of the Site and within the building footprint for deep foundation elements.
- Morris-Shea will begin installation of deep foundation elements.

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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	77	1,540	0	0	15	300
Approved Quantity:	----	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:	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 (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	50	1,000
Total:	175	3,500	51	1,020	709	14,180	81	1,620	557	11,140
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:	74	1,480	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	131	2,620	----	----
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	----	----	----	----	----	----	----	----

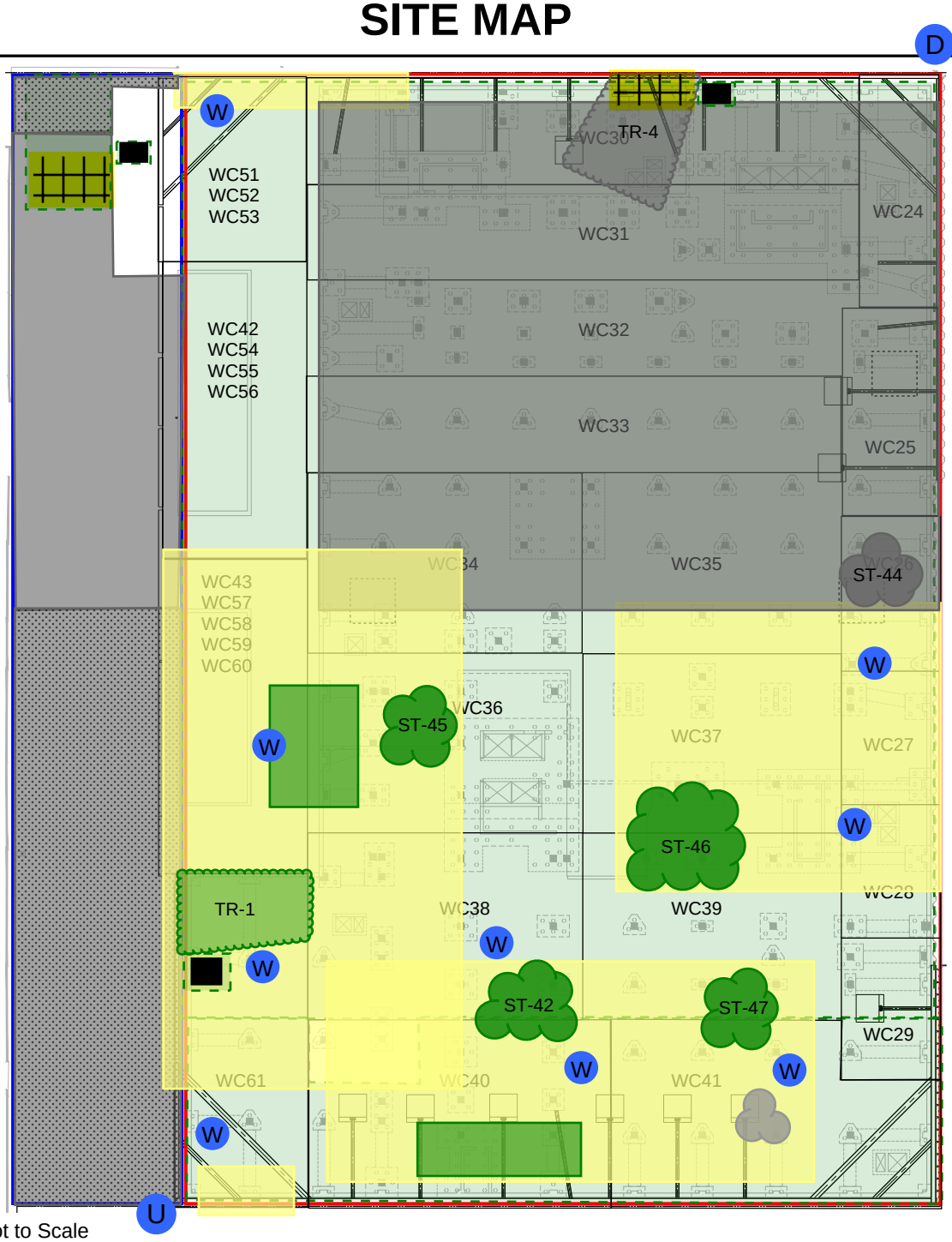
Note: 20 cubic yards assumed per truckload

Photo Log

Photo 1 – United loading non-hazardous material from stockpile ST-46 for off-Site disposal to Clean Earth New Castle, facing east.	
Photo 2 – United loading non-hazardous material from stockpile ST-45 for off-Site disposal to Clean Earth New Castle, facing east.	

Photo 3 – United excavating within disposal grid WC40 in the southeastern portion of the Site, facing southeast.	
Photo 4 – View of cleaned metallic structure, 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
- 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

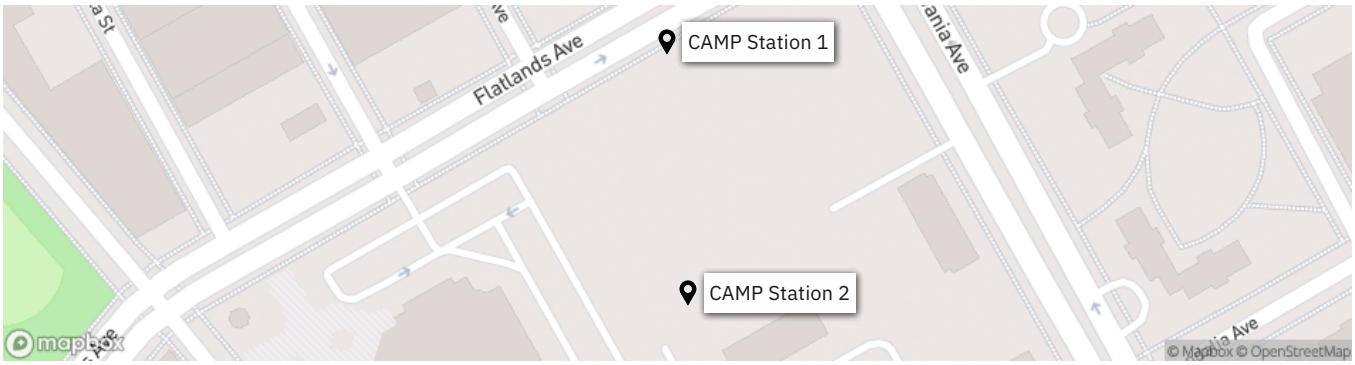
NOTES

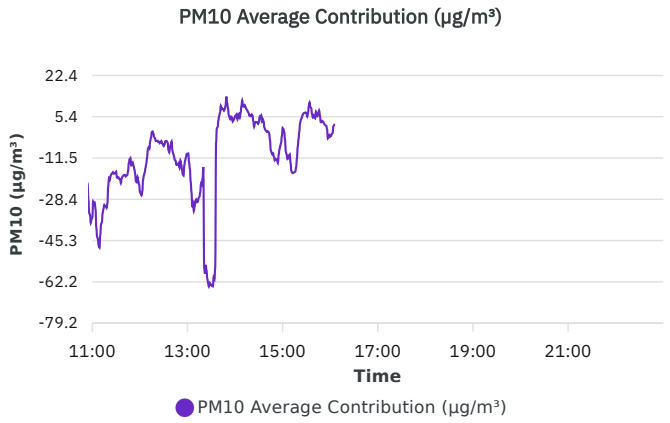
1. Basemap from the "Support of Excavation Plan" drawing prepared by Langan dated 3/3/2025.
2. Waste characterization grids are shown as presented in the Draft Disposal Map prepared by Clean Earth.
3. Truck Ramp TR-1 contains non-hazardous material excavated from disposal grids WC57 and WC58 in the western portion of the Site for off-Site disposal to Clean Earth Carteret.
4. Stockpile ST-31 contains hazardous material excavated from disposal grids WC30F, WC32F, and WC41C in the northern and southern portions of the Site for off-Site disposal to Clean Earth of North Jersey.
5. Truck Ramp TR-3 contains non-hazardous material excavated from disposal grid WC33F in the northern portion of the Site for off-Site disposal to Clean Earth New Castle.
6. Stockpile ST-42 contains non-hazardous drill cuttings generated from the secant wall installation in the southwestern portion of the Site for off-Site disposal to Clean Earth New Castle.
7. Stockpile ST-44 contains imported 1.5-inch clean stone from Braen Stone of Sparta in Lafayette, NJ.
8. Truck Ramp TR-4 contains imported DGA from Braen Stone of Sparta in Lafayette, NJ.
9. Stockpile ST-45 contains non-hazardous material excavated from disposal grids WC35F, WC37F, WC38C, WC38D, WC38E,WC 39C, WC39D, WC39E, WC40C, WC40D, WC40E, WC43, WC57, and WC58 in the western, central, and southern portions of the Site for off-Site disposal to Clean Earth Carteret.
10. Stockpile ST-46 contains non-hazardous material excavated from disposal grids WC35F, WC37F, WC38C, WC38D, WC38E,WC 39C, WC39D, WC39E, WC40C, WC40D, WC40E, WC43, WC57, and WC58 in the western, central, and southern portions of the Site for off-Site disposal to Clean Earth Carteret.
11. Stockpile ST-47 contains non-hazardous material excavated from disposal grid WC40F in the southern portion of the Site for off-Site disposal to Clean Earth New Castle.

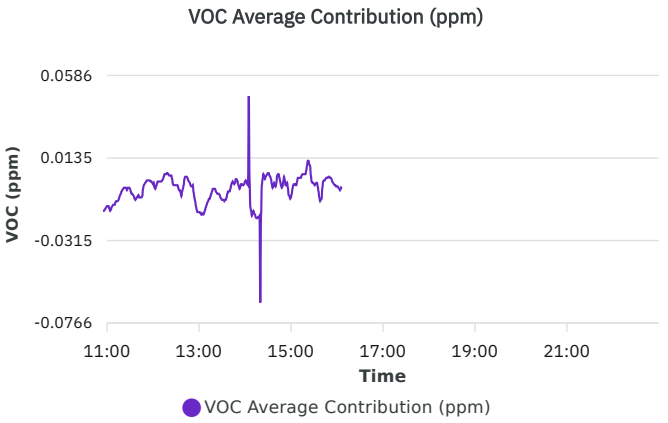
LANGAN	Site Contribution Report - CCC Phase 1B - 1 Report	100688803 - CCC - Phase 1B	
		Report Period	
		From:	5/20/2025 07:00
		To:	5/20/2025 19:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Windspeed (mph)	Prevailing wind direction
5/20/2025	48.7-67.6	35.7-53.3	29.9-29.9	0.5-8.6	NNE

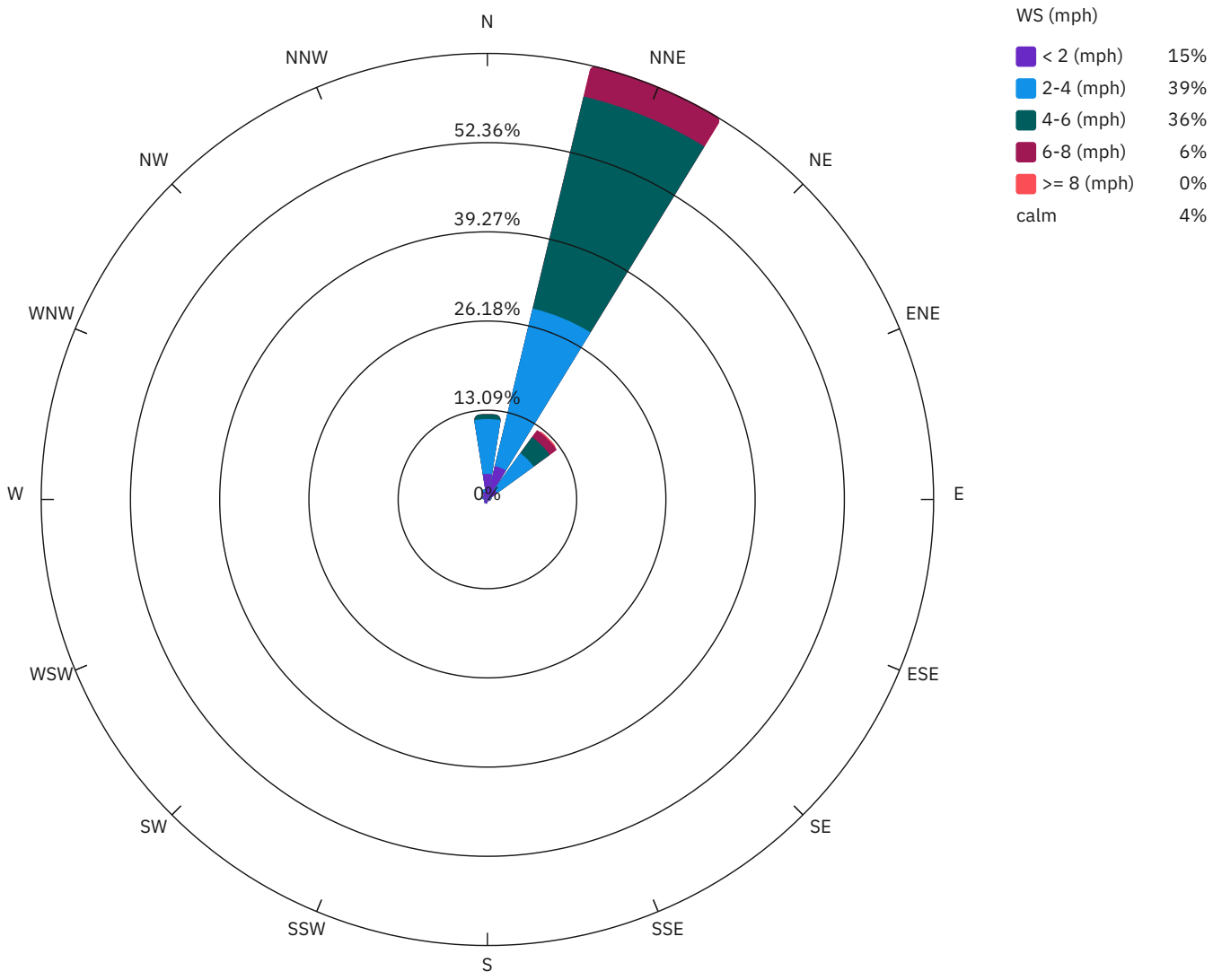
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 5/20/2025	-63.4	13:30	-0.0200	07:30
Max Contribution (15 min avg.) - 5/20/2025	8.5	13:45	0.0053	14:30







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
5/20/2025 07:00:00	4.1	7.8	3.6	0.0000	0.0000	0.0000	4.1	NNE
5/20/2025 07:15:00	12.8	5.2	-7.7	0.0053	0.0000	-0.0053	4.8	NNE
5/20/2025 07:30:00	24.5	8.2	-16.2	0.0200	0.0000	-0.0200	3.9	NNE
5/20/2025 07:45:00	33.8	6.9	-26.9	0.0167	0.0033	-0.0133	5.2	NNE
5/20/2025 08:00:00	24.7	16.6	-8.1	0.0127	0.0047	-0.0080	4.4	NNE
5/20/2025 08:15:00	26.7	25.9	-0.8	0.0140	0.0000	-0.0140	4.5	NNE
5/20/2025 08:30:00	54.5	13.5	-40.9	0.0127	0.0033	-0.0093	4.6	NNE
5/20/2025 08:45:00	75.6	14.6	-61.0	0.0140	0.0013	-0.0127	6.2	NNE
5/20/2025 09:00:00	35.4	9.2	-26.2	0.0127	0.0047	-0.0080	4.7	NNE
5/20/2025 09:15:00	15.7	8.8	-6.9	0.0120	0.0000	-0.0120	4.9	NNE
5/20/2025 09:30:00	31.1	31.0	-0.1	0.0113	0.0160	0.0047	4.9	NNE
5/20/2025 09:45:00	38.3	12.0	-26.3	0.0307	0.0267	-0.0040	3.6	NNE
5/20/2025 10:00:00	21.3	11.8	-9.5	0.0140	0.0127	-0.0013	3.6	NNE
5/20/2025 10:15:00	46.3	8.2	-38.2	0.0120	0.0033	-0.0087	3.7	NNE
5/20/2025 10:30:00	26.8	9.9	-16.9	0.0140	0.0020	-0.0120	4.0	NNE
5/20/2025 10:45:00	38.9	20.1	-18.7	0.0127	0.0013	-0.0113	2.3	NNE
5/20/2025 11:00:00	43.9	8.0	-35.9	0.0140	0.0013	-0.0127	4.3	NNE
5/20/2025 11:15:00	39.9	9.2	-30.7	0.0113	0.0020	-0.0093	3.3	NNE
5/20/2025 11:30:00	24.8	7.6	-17.1	0.0133	0.0100	-0.0033	3.7	NNE
5/20/2025 11:45:00	25.9	8.9	-17.0	0.0093	0.0013	-0.0080	4.0	NNE
5/20/2025 12:00:00	39.3	14.0	-25.3	0.0047	0.0040	-0.0007	4.1	NNE
5/20/2025 12:15:00	9.4	8.6	-0.8	0.0013	0.0060	0.0047	3.1	NNE
5/20/2025 12:30:00	11.6	5.0	-6.6	0.0060	0.0047	-0.0013	3.2	NNE
5/20/2025 12:45:00	21.3	8.7	-12.6	0.0100	0.0127	0.0027	2.7	NNE
5/20/2025 13:00:00	20.9	11.3	-9.7	0.0200	0.0040	-0.0160	2.8	NNE
5/20/2025 13:15:00	41.8	14.4	-27.4	0.0080	0.0007	-0.0073	2.1	NNE
5/20/2025 13:30:00	76.2	12.9	-63.4	0.0113	0.0020	-0.0093	3.1	NNE
5/20/2025 13:45:00	23.1	31.6	8.5	0.0100	0.0100	0.0000	2.2	NNE
5/20/2025 14:00:00	20.3	26.1	5.7	0.0073	0.0080	0.0007	2.6	NNE
5/20/2025 14:15:00	16.9	25.2	8.3	0.0733	0.0540	-0.0193	1.3	NNE
5/20/2025 14:30:00	22.2	25.3	3.1	0.0020	0.0073	0.0053	2.2	NNE
5/20/2025 14:45:00	26.8	18.5	-8.3	0.0127	0.0153	0.0027	3.3	NNE

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
5/20/2025 15:00:00	13.4	14.2	0.8	0.0093	0.0013	-0.0080	2.3	NNE
5/20/2025 15:15:00	30.2	12.9	-17.3	0.0000	0.0047	0.0047	2.6	NNE
5/20/2025 15:30:00	13.9	20.8	6.9	0.0153	0.0147	-0.0007	2.1	NNE
5/20/2025 15:45:00	13.2	19.6	6.4	0.0047	0.0067	0.0020	2.0	NNE
5/20/2025 16:00:00	13.2	10.5	-2.7	0.0113	0.0093	-0.0020	3.0	NNE