LANGAN

DAILY STATUS REPORT

Prepared By: Robert Bandstra

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

Langan Project No:	100688803	Project:	12074 Flatlands Avenue p/o Lot 1	Date:	06/02/2025
NYSDEC BCP Site No:	C224353	NYCOER Site No.:	Lot 1: 23TMP1319K / 23EHAN210K Lot 100: 25TMP1084K, 25EHAN206K	Time:	06:15 – 17:30

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 Group:** Crew **Arben Construction:** 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 30 truckloads of material from stockpile ST-46, originally excavated from disposal grids WC35F, WC37F, WC40C, WC40D, and WC40E in the western, central, and southern portions of the Site, for off-Site disposal to Clean Earth of New Castle.
- United added the material from stockpiles ST-42, consisting of material excavated from disposal grids WC38B, WC38C, WC61B, WC61C, WC61D, and WC61H in the southwestern portion of the Site, and ST-51, consisting of material excavated from disposal grid WC61H in the southwestern portion of the Site, to stockpile ST-46 in the southern portion of the Site for off-Site disposal. Stockpiles ST-42 and ST-51 are no longer present on-Site.
- United excavated an approximately 25-foot-long by 20-foot-wide area from between 13 and up to 21 feet below ground surface (bgs) in disposal grids WC36G, WC36H, WC38G, and WC38H for the removal of obstructions to facilitate sheet pile installation. Soil encountered during excavation was staged as stockpile ST-52 in the central portion of the Site for future off-Site disposal to Clean Earth Carteret.
- United continued installing walers in the western portion of the Site.
- 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-46 in the south portion of the Site.
- American Dewatering Grouting (ADG) continued drilling dewatering wells in the southeastern portion of the Site. ADG placed the collected water and any cuttings in the soil collection basin. The accumulated water was left to evaporate overnight.
- Arben Construction installed the sewer connection piping in the northwestern portion of the Site in preparation for Site-wide dewatering. The excavation area was backfilled with material from stockpile ST-49, consisting of material excavated for the installation of the sewer connection in the northwestern portion of the Site; the material will be excavated for off-Site disposal at a later date. Stockpile ST-49 is no longer present on-Site.

BCP Site Activities (Continued)

- Morris-Shea continued installing foundation piles within the central portion of the Site. No cuttings were generated during pile installation.

Lot 100 Site Activities

- United imported 1 truckload of 1.5-inch clean stone from Braen Stone of Sparta in Lafayette, NJ. All imported stone was added to stockpile ST-50 in the southern portion of the Site.

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

5/5/2025 Dust Data			
	mg/m³	**Time**	**Comment**
Exceedance of STEL:	0.156	7:30	Dust generated due to secant pile drilling along the southwestern boundary of the Site. Dust was not observed to be migrating off-site.

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 southern portion of the Site.
- ADG will continue installation of the dewatering wells in the western portion of the Site.
- RYC Turbos will continue installing the SOE along the southwestern portion of the Site.
- Morris-Shea will continue installation of deep foundation elements.

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.

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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:	1	20	0	0	----	----	----	----	----	----
Total:	10	200	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	30	600
Total:	175	3,500	51	1,020	717	14,340	180	3,600	688	13,760
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:	89	1,780	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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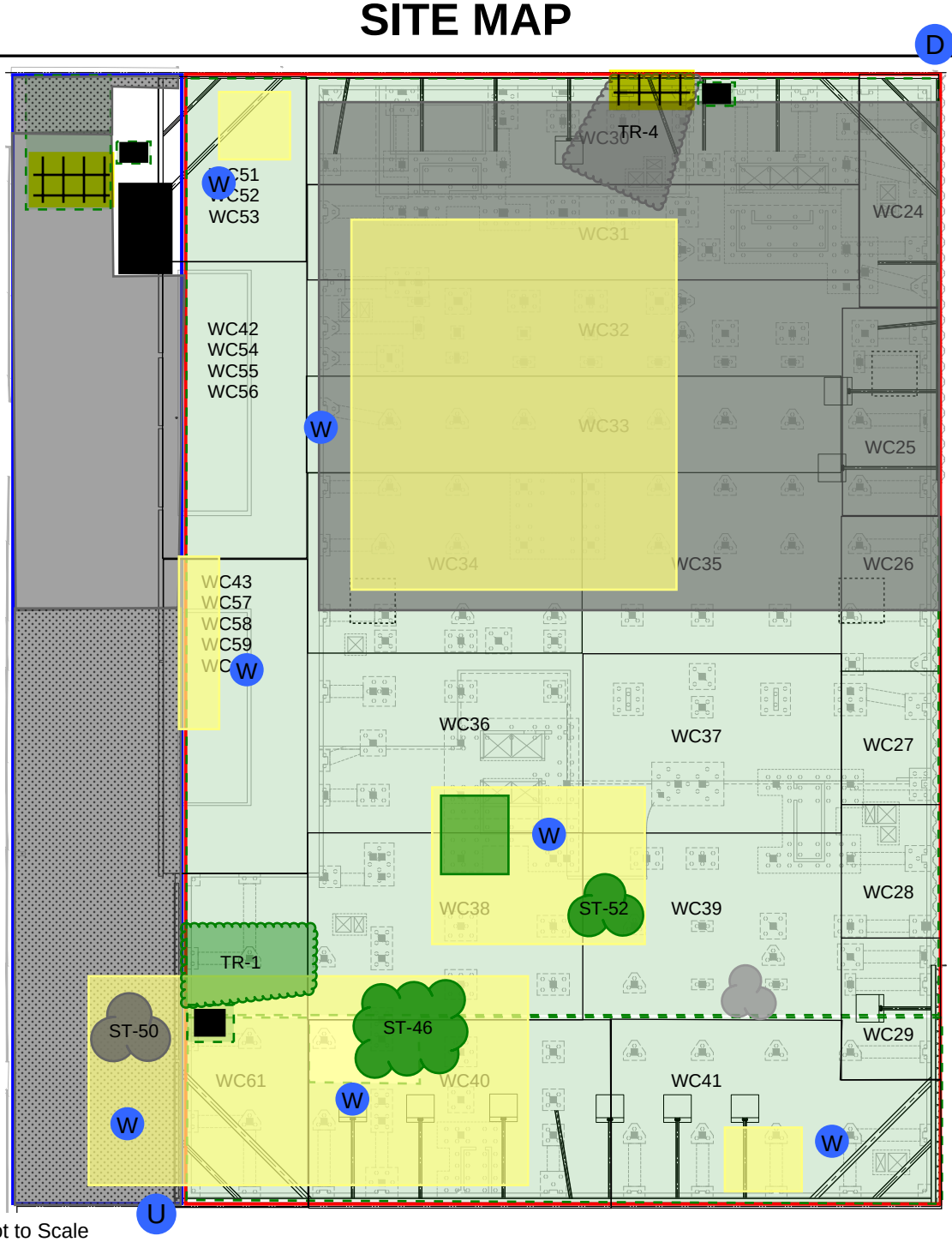
Photo Log

Photo 1 – United loading material from stockpile ST-46 for off-Site disposal to Clean Earth New Castle, facing east.	
Photo 2 – United excavating in the central portion of the Site for the removal of obstructions, facing east.	

Photo 3 – ADG installing a dewatering well in the southeastern portion of the Site, facing southwest.	
Photo 4 – General Site conditions in the northern portion of the Site, facing north.	

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

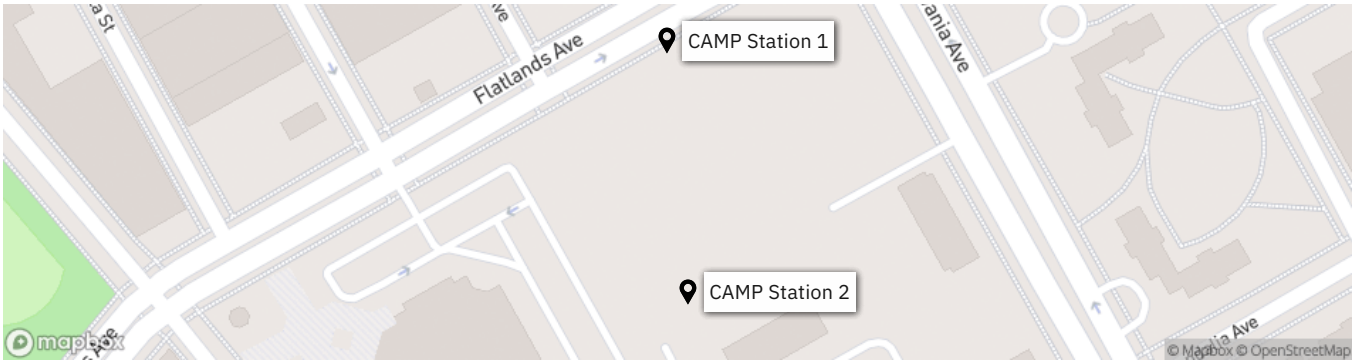
NOTES

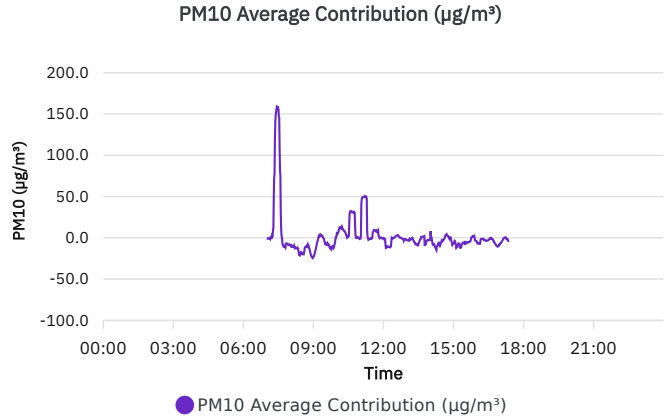
1. Basemap from the "Support of Excavation Plan" drawing prepared by Langan dated 3/3/2025.
2. Waste characterization grids are shown as presented in the Draft Disposal Map prepared by Clean Earth.
3. Truck Ramp TR-1 contains non-hazardous material excavated from disposal grids WC57 and WC58 in the western portion of the Site for off-Site disposal to Clean Earth Carteret.
4. Truck Ramp TR-4 contains imported DGA from Braen Stone of Sparta in Lafayette, NJ.
5. Stockpile ST-46 contains non-hazardous material excavated from disposal grids WC35F, WC37F, WC38B, WC38C, WC40C, WC40D, WC40E, WC61B, WC61C, WC61D, and WC61H in the western, central, and southern portions of the Site for off-Site disposal to Clean Earth Carteret.
6. Stockpile ST-50 contains imported 1.5-inch clean stone from Braen Stone of Sparta in Lafayette, NJ.
7. Stockpile ST-52 contains non-hazardous material excavated from disposal grids WC36G, WC36H, WC38G, and WC38H in the central portion of the Site for off-Site disposal to Clean Earth Carteret.

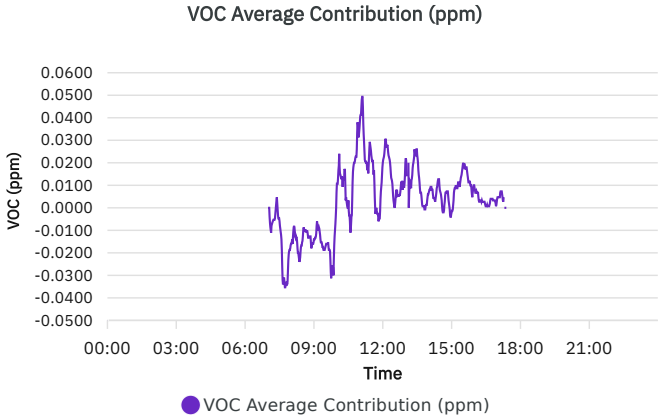
LANGAN	Site Contribution Report - CCC Phase 1B - 1 Report	100688803 - CCC - Phase 1B	
		Report Period	
		From:	6/2/2025 00:00
		To:	6/2/2025 23:59
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
06/02/2025	52.9 - 72.3	34.0 - 67.6	29.9 - 30.0	0.3 - 5.7	WSW

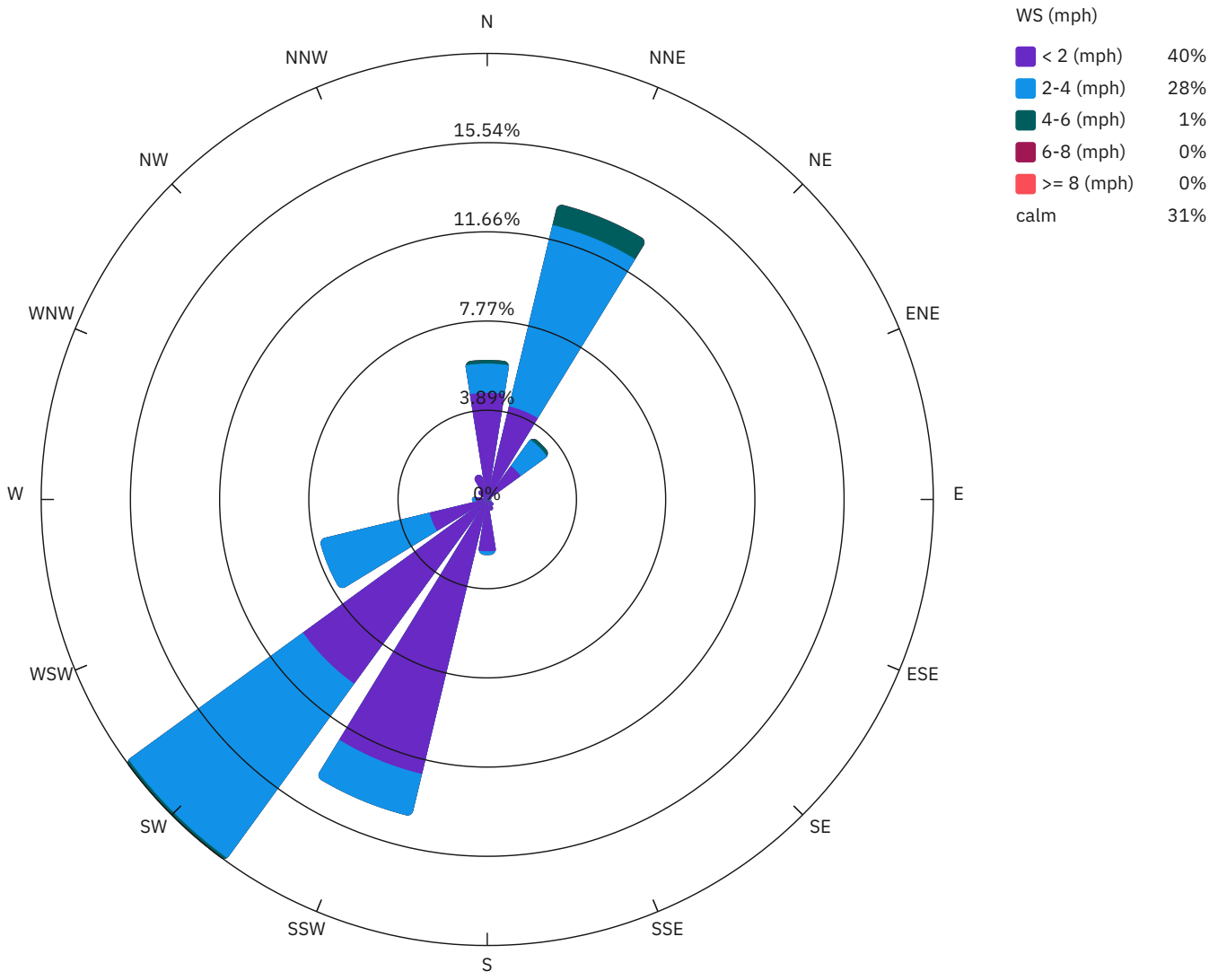
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 6/2/2025	-22.8	09:00	-0.0353	07:45
Max Contribution (15 min avg.) - 6/2/2025	156.0	07:30	0.0380	11:00







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
6/2/2025 07:00:00	7.4	6.4	-1.0	0.0000	0.0000	0.0000	0.1	S
6/2/2025 07:15:00	11.1	12.7	1.6	0.0107	0.0053	-0.0053	0.1	NNE
6/2/2025 07:30:00	22.9	178.9	156.0	0.0240	0.0180	-0.0060	1.0	NNE
6/2/2025 07:45:00	21.6	11.3	-10.2	0.0460	0.0107	-0.0353	1.5	N
6/2/2025 08:00:00	19.9	11.0	-8.9	0.0293	0.0133	-0.0160	1.1	N
6/2/2025 08:15:00	22.7	10.4	-12.4	0.0267	0.0133	-0.0133	1.0	N
6/2/2025 08:30:00	26.7	8.8	-17.9	0.0220	0.0073	-0.0147	2.2	NNE
6/2/2025 08:45:00	17.2	7.0	-10.2	0.0153	0.0020	-0.0133	2.0	NNE
6/2/2025 09:00:00	28.9	6.1	-22.8	0.0227	0.0087	-0.0140	1.8	NNE
6/2/2025 09:15:00	13.4	16.5	3.1	0.0120	0.0013	-0.0107	2.6	NNE
6/2/2025 09:30:00	18.1	11.1	-7.0	0.0180	0.0007	-0.0173	2.0	NNE
6/2/2025 09:45:00	22.4	8.9	-13.5	0.0320	0.0007	-0.0313	1.3	NNE
6/2/2025 10:00:00	11.0	15.9	4.9	0.0107	0.0213	0.0107	0.1	WSW
6/2/2025 10:15:00	6.3	17.8	11.4	0.0033	0.0127	0.0093	0.6	SSW
6/2/2025 10:30:00	8.5	10.3	1.8	0.0160	0.0193	0.0033	0.8	SW
6/2/2025 10:45:00	8.8	39.5	30.8	0.0053	0.0253	0.0200	0.6	SSW
6/2/2025 11:00:00	6.9	6.2	-0.7	0.0000	0.0380	0.0380	0.8	SW
6/2/2025 11:15:00	8.2	58.2	50.0	0.0000	0.0207	0.0207	1.2	SSW
6/2/2025 11:30:00	10.0	9.2	-0.8	0.0047	0.0280	0.0233	0.7	SW
6/2/2025 11:45:00	8.9	17.5	8.6	0.0067	0.0047	-0.0020	0.4	SSW
6/2/2025 12:00:00	7.7	6.6	-1.1	0.0000	0.0200	0.0200	1.3	SSW
6/2/2025 12:15:00	18.8	7.6	-11.2	0.0000	0.0233	0.0233	1.3	SSW
6/2/2025 12:30:00	5.7	7.0	1.3	0.0000	0.0007	0.0007	1.2	SSW
6/2/2025 12:45:00	8.3	8.3	0.0	0.0067	0.0127	0.0060	0.1	N
6/2/2025 13:00:00	10.5	7.8	-2.6	0.0033	0.0253	0.0220	0.4	WNW
6/2/2025 13:15:00	8.4	7.4	-1.0	0.0022	0.0144	0.0122	1.1	SSW
6/2/2025 13:30:00	13.3	6.0	-7.3	0.0000	0.0233	0.0233	1.8	SSW
6/2/2025 13:45:00	5.3	6.9	1.6	0.0013	0.0020	0.0007	0.4	W
6/2/2025 14:00:00	16.3	13.0	-3.3	0.0013	0.0080	0.0067	0.6	WSW
6/2/2025 14:15:00	20.5	6.7	-13.8	0.0007	0.0047	0.0040	1.4	SW
6/2/2025 14:30:00	8.9	6.1	-2.8	0.0053	0.0127	0.0073	0.7	WSW
6/2/2025 14:45:00	13.7	16.0	2.3	0.0027	0.0093	0.0067	1.5	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
6/2/2025 15:00:00	20.6	13.9	-6.8	0.0033	0.0013	-0.0020	1.4	N
6/2/2025 15:15:00	15.2	7.3	-7.8	0.0000	0.0087	0.0087	1.3	SW
6/2/2025 15:30:00	16.1	7.6	-8.6	0.0000	0.0200	0.0200	2.8	SW
6/2/2025 15:45:00	7.3	5.8	-1.6	0.0020	0.0133	0.0113	2.2	SW
6/2/2025 16:00:00	13.1	8.7	-4.5	0.0000	0.0087	0.0087	2.1	SW
6/2/2025 16:15:00	6.5	5.5	-1.0	0.0000	0.0033	0.0033	2.3	SW
6/2/2025 16:30:00	7.8	5.2	-2.6	0.0000	0.0007	0.0007	1.8	SW
6/2/2025 16:45:00	11.3	5.5	-5.8	0.0000	0.0040	0.0040	2.5	SW
6/2/2025 17:00:00	11.0	4.5	-6.6	0.0000	0.0047	0.0047	2.5	SW
6/2/2025 17:15:00	5.1	5.0	0.0	0.0000	0.0027	0.0027	2.1	SW