LANGAN

DAILY STATUS REPORT

Prepared By: Daniel Horvath

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:	05/02/2025
NYSDEC BCP Site No:	C224353	NYCOER Site No.:	Lot 1: 23TMP1319K / 23EHAN210K Lot 100: 25TMP1084K, 25EHAN206K	Time:	06:15 – 16:00

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Daniel Horvath and Jacob Steinberg (Environmental), Lakshman Dontha (Geotechnical) **Monadnock:** Seamus Lavin (Superintendent) **United Concrete:** Claudio Cappiello, Miguel Flores and laborers **RYC Turbos:** Ronan Cooke & crew **Aquifer Drilling and Testing (ADT):** Luke Caballero

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

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-25, originally excavated from disposal grids WC38B, WC40AB, WC41AB, WC41C, and WC61B in the southern portion of the Site, for off-Site disposal to Clean Earth Carteret. Stockpile ST-25 is no longer present on-Site.
- United removed 23 truckloads of non-hazardous material from stockpile ST-32, originally excavated from disposal grid WC33F in the northern portion of the Site, for off-Site disposal to Clean Earth New Castle.
- United removed 20 truckloads of hazardous material from stockpile ST-9, originally excavated from disposal grids WC30E, WC30F, WC31E, WC31F, WC32E, WC32F, and WC33E in the northern portion of the Site, for off-Site disposal to Clean Earth of North Jersey.
- The remaining portion of stockpile ST-32, consisting of non-hazardous material excavated from disposal grid WC33F in the northern portion of the Site, was staged as TR-3 in the central portion of the Site. Truck Ramp TR-3 was staged on polyethylene sheeting above disposal grids WC34G and WC35G. Stockpile ST-32 is no longer present on-Site.
- Aquifer Drilling and Testing (ADT), the drilling contractor, installed soil borings for additional waste characterization soil sample collection for disposal facility approval purposes.
    - Langan used a handheld GPS unit to locate the boring locations.
    - ADT used a Geoprobe® 7822DT direct-push drill rig to advance soil borings LSB231_W5, LSB231_W10, LSB231_W15, LSB231_N5, LSB231_N10, and LSB231_N15 to a depth of 17 feet bgs.
- Stockpile ST-29, consisting of hazardous material excavated from disposal grids WC30F, WC31F, and WC32F in the northern portion of the Site, was relocated to the western portion of the Site and staged on polyethylene sheeting in disposal grid WC26.

BCP Site Activities (continued)

- United excavated an approximately 50-foot-long by 30-foot-wide area from 5 and up to 10 feet bgs in disposal grid WC31F. Some staining and odors were observed, however no elevated PID readings were recorded during excavation. All excavated material was added to stockpile ST-29 in the western portion of the Site. Stockpile ST-29 was covered with polyethylene sheeting at the end of the day.
- RYC Turbos continued installing the soil mix wall along the western boundaries of the Site for the construction of the Support of Excavation (SOE).

Lot 100 Site Activities

- United removed 4 truckloads of non-hazardous material from stockpile ST-19, originally excavated from the truck wash area in the northern portion of Lot 100, for off-Site disposal to Clean Earth New Castle. Stockpile ST-19 is no longer present on-Site.

Samples Collected

- Langan collected the following soil samples for laboratory analysis:

Sample ID	Sample Depth (feet bgs)	Analysis	Boring Depth (feet bgs)
LSB231_W5_11-12	11-12	PCBs	17
LSB231_W5_14-15	14-15	PCBs	17
LSB231_W5_16-17	16-17	PCBs	17

- Additional samples were collected for analysis PCBs and placed on hold.

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 excavate in the northwestern portion of the Site.
- United will relocate the truck wash station in the western portion of the Site.

Two Week Outlook

- United will excavate and export material from the northern and central 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.

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	35	700	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:	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	17	340	0	0	0	0
Total:	175	3,500	51	1,020	605	12,100	71	1,420	277	5,540
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:	23	460	0	0	0	0	0	0	20	400
Total:	24	480	0	0	19	380	0	0	21	420
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	91	1,820	----	----
Facility/Material (Lot 100):	Clean Earth North Jersey Kearny, New Jersey Approval #253020014		----		----		----		----	
Volume:	Trucks	Cu. Yds.	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks
Today:	4	80	----	----	----	----	----	----	----	----
Total:	4	80	----	----	----	----	----	----	----	----

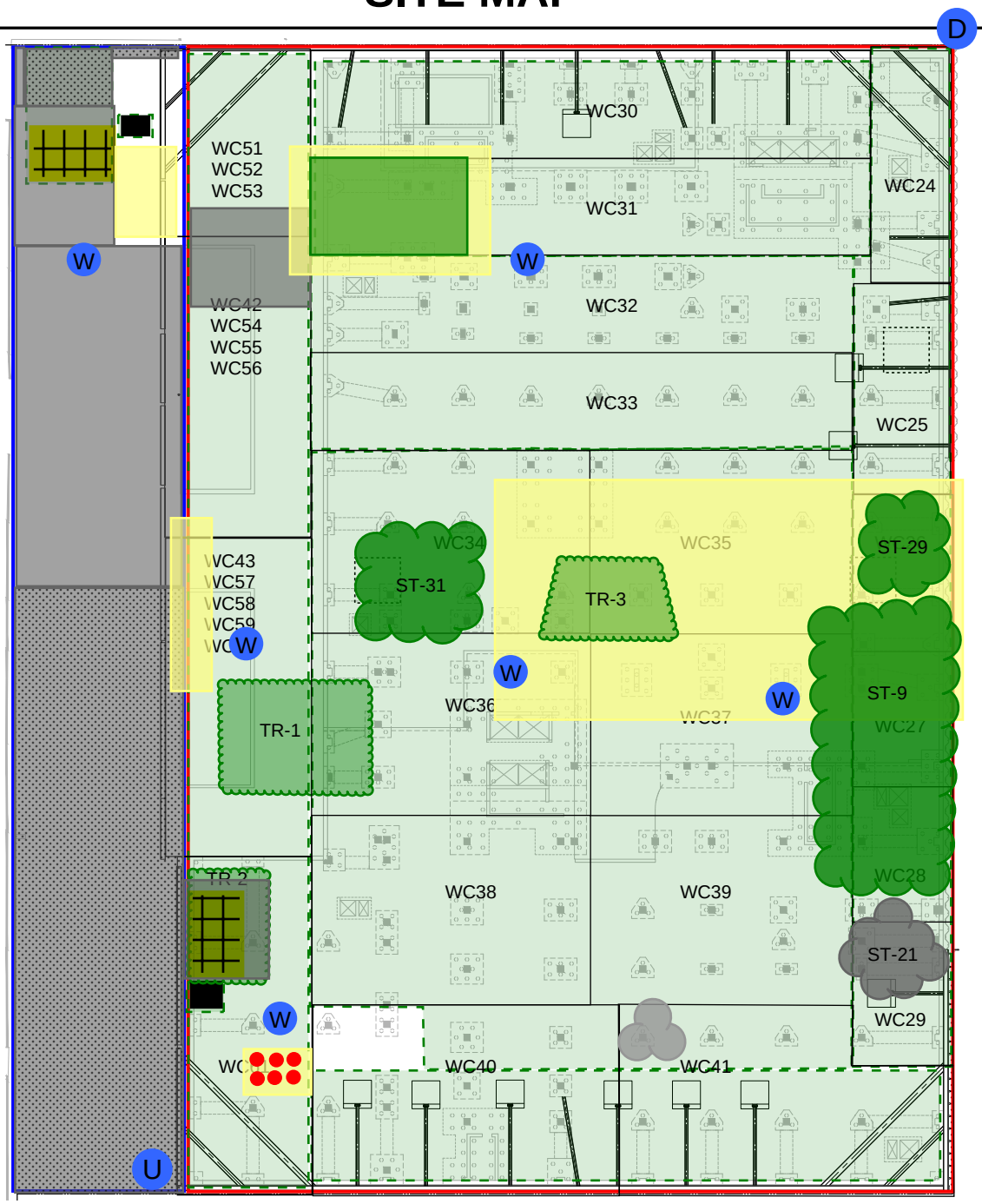
Note: 20 cubic yards assumed per truckload

Photo Log

Photo 1 – ADT drilling soil borings in the southwestern portion of the Site, facing southeast.	
Photo 2 – United excavating in the northern portion of the Site, facing west.	

Photo 3 – United loading material from stockpile ST-19 on Lot 100 for off-Site disposal to Clean Earth New Castle, facing south.	
Photo 4 – General Site conditions, facing east.	

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
- Soil Boring Completed 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
- Truck Ramp

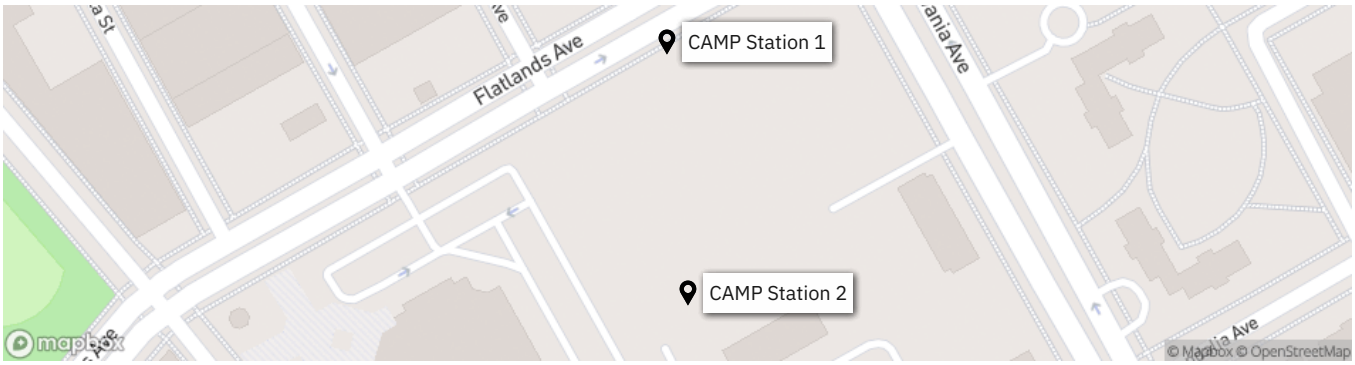
NOTES

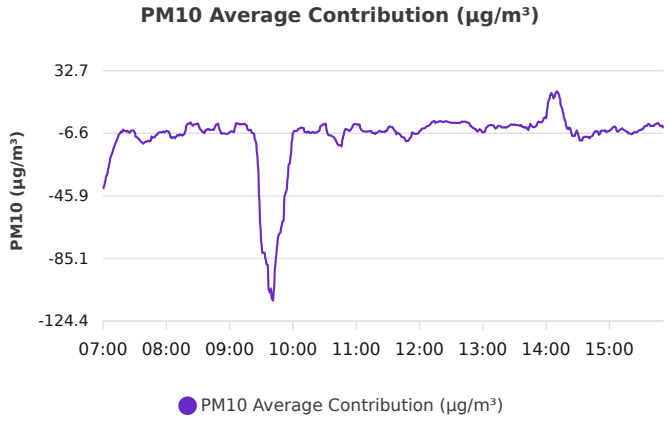
1. Basemap from the "Support of Excavation Plan" drawing prepared by Langan dated 3/3/2025.
2. Waste characterization grids are shown as presented in the Draft Disposal Map prepared by Clean Earth.
3. Stockpile ST-9 contains hazardous material excavated from disposal grids WC30E, WC30F, WC31E, WC31F, WC32E, WC32F, WC33E, and WC33F in the northern portion of the Site for future off-Site disposal to Clean Earth North Jersey.
4. Stockpile ST-19 contains non-hazardous material excavated in the northern portion of Lot 100 for future off-Site disposal to Clean Earth New Castle.
5. 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).
6. 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.
7. Truck Ramp TR-2 contains non-hazardous material excavated from disposal grids WC38B, WC38C, WC61B, WC61C, and WC61D in the western portion of the Site for off-Site disposal to Clean Earth Carteret.
8. Stockpile ST-29 contains hazardous material excavated from disposal grids WC30F, WC31F, and WC32F in the northern portion of the Site for off-Site disposal to Clean Earth of North Jersey.
9. Stockpile ST-31 contains hazardous material excavated from disposal grids WC30F and WC32F in the northern portion of the Site for off-Site disposal to Clean Earth of North Jersey.
10. 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.

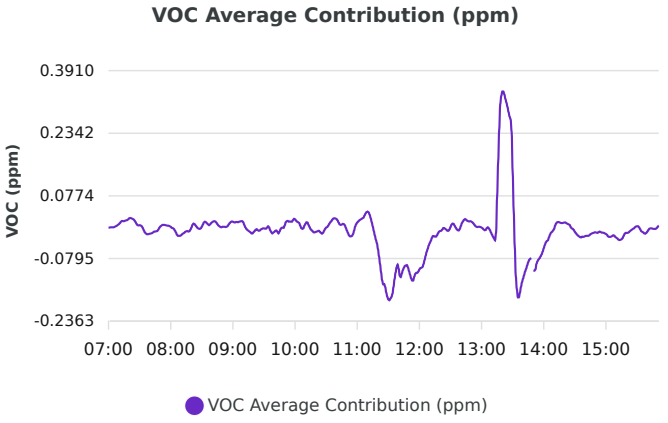
LANGAN	Site Contribution Report - CCC Phase 1B - 1 Report	100688803 - CCC - Phase 1B	
		Report Period	
		From:	5/2/2025 07:00
		To:	5/2/2025 19:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Windspeed (mph)	Prevailing wind direction
5/2/2025	55.9-75.4	49.1-78.7	29.8-29.9	0.4-5.3	SSW

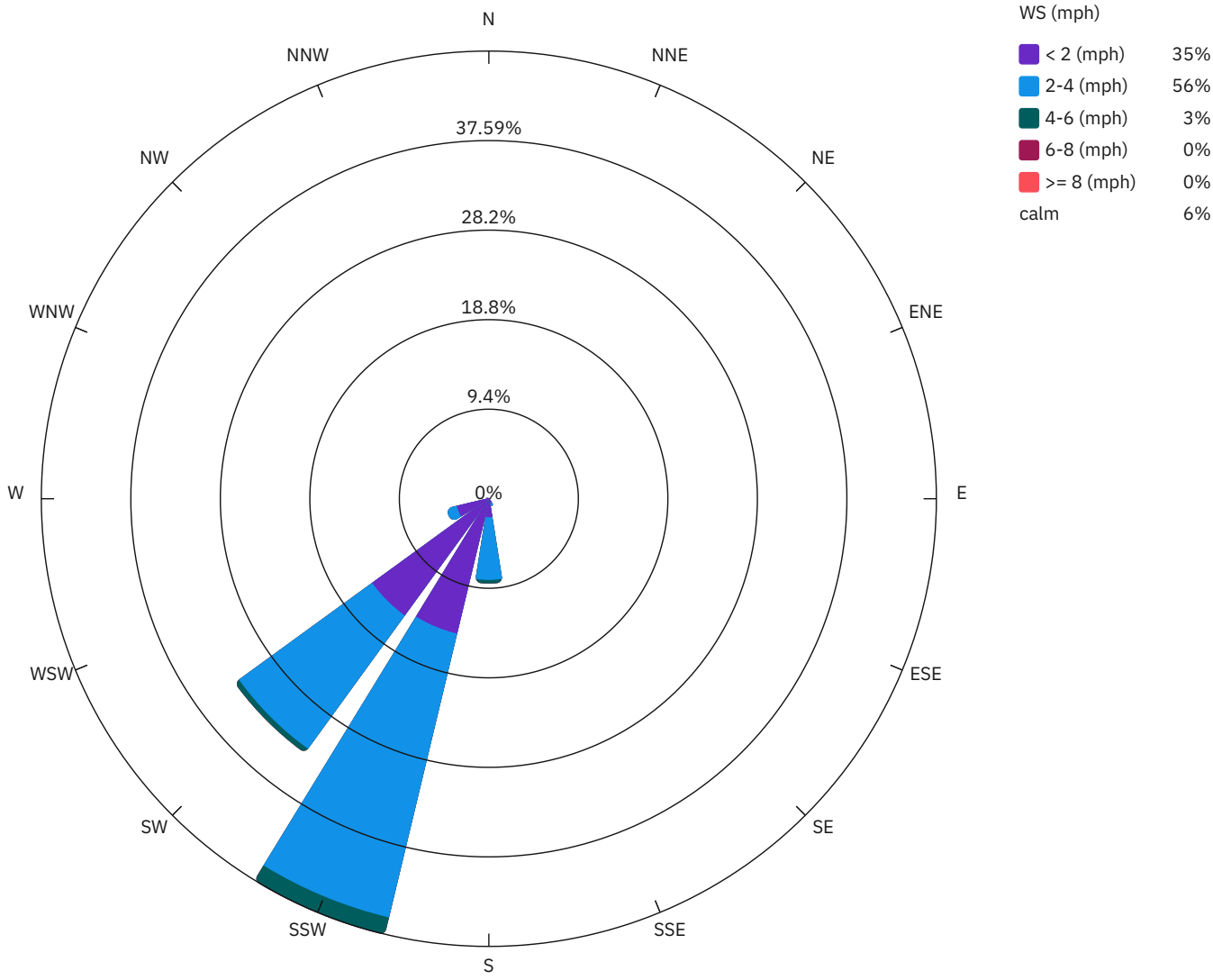
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 5/2/2025	-77.1	09:45	-0.1820	11:30
Max Contribution (15 min avg.) - 5/2/2025	9.4	14:15	0.1367	13:30







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
5/2/2025 07:00:00	90.9	49.4	-41.4	0.0071	0.0050	-0.0021	0.9	SW
5/2/2025 07:15:00	54.6	47.3	-7.3	0.0233	0.0373	0.0140	0.8	SW
5/2/2025 07:30:00	50.8	44.8	-5.9	0.0180	0.0220	0.0040	1.3	SSW
5/2/2025 07:45:00	48.9	37.5	-11.4	0.0367	0.0247	-0.0120	1.5	SW
5/2/2025 08:00:00	34.7	29.6	-5.1	0.0233	0.0233	0.0000	1.4	SW
5/2/2025 08:15:00	37.6	29.6	-8.0	0.0380	0.0267	-0.0113	1.4	SSW
5/2/2025 08:30:00	33.2	32.6	-0.6	0.0280	0.0280	0.0000	1.3	SW
5/2/2025 08:45:00	35.7	31.3	-4.4	0.0233	0.0300	0.0067	1.5	SW
5/2/2025 09:00:00	34.7	28.7	-5.9	0.0247	0.0373	0.0127	1.1	SSW
5/2/2025 09:15:00	31.0	29.7	-1.3	0.0287	0.0187	-0.0100	1.0	SW
5/2/2025 09:30:00	107.9	32.8	-75.2	0.0473	0.0433	-0.0040	1.4	SSW
5/2/2025 09:45:00	109.9	32.8	-77.1	0.0720	0.0600	-0.0120	1.8	SW
5/2/2025 10:00:00	33.6	27.0	-6.6	0.0527	0.0713	0.0187	2.5	SSW
5/2/2025 10:15:00	34.3	28.7	-5.6	0.0520	0.0460	-0.0060	2.3	SSW
5/2/2025 10:30:00	32.0	30.8	-1.2	0.0373	0.0353	-0.0020	2.5	SSW
5/2/2025 10:45:00	43.5	29.4	-14.1	0.0580	0.0633	0.0053	2.3	SSW
5/2/2025 11:00:00	33.8	33.0	-0.8	0.0487	0.0593	0.0107	2.3	SSW
5/2/2025 11:15:00	36.4	30.1	-6.3	0.0640	0.0647	0.0007	2.5	SSW
5/2/2025 11:30:00	34.8	31.2	-3.5	0.2107	0.0287	-0.1820	2.0	SSW
5/2/2025 11:45:00	34.0	24.9	-9.1	0.2020	0.0993	-0.1027	1.9	SW
5/2/2025 12:00:00	27.3	22.0	-5.3	0.1693	0.0627	-0.1067	3.4	SSW
5/2/2025 12:15:00	21.6	21.5	0.0	0.0933	0.0687	-0.0247	2.3	SSW
5/2/2025 12:30:00	21.7	21.8	0.0	0.0573	0.0567	-0.0007	2.5	SSW
5/2/2025 12:45:00	25.5	25.7	0.2	0.0280	0.0460	0.0180	2.6	SSW
5/2/2025 13:00:00	33.9	27.7	-6.2	0.0320	0.0300	-0.0020	2.1	SSW
5/2/2025 13:15:00	28.7	26.8	-1.9	0.0767	0.1527	0.0760	3.2	SSW
5/2/2025 13:30:00	26.9	26.0	-1.0	0.2007	0.3373	0.1367	3.0	SSW
5/2/2025 13:45:00	32.4	31.7	-0.7	0.1267	0.0380	-0.0887	2.5	SSW
5/2/2025 14:00:00	32.2	35.3	3.1	0.0873	0.0336	-0.0536	3.2	SSW
5/2/2025 14:15:00	36.3	45.8	9.4	0.0340	0.0453	0.0113	2.7	SSW
5/2/2025 14:30:00	33.3	26.5	-6.7	0.0573	0.0447	-0.0127	2.9	SSW
5/2/2025 14:45:00	30.8	24.1	-6.7	0.0380	0.0193	-0.0187	3.1	SSW

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
5/2/2025 15:00:00	28.3	23.2	-5.1	0.0280	0.0100	-0.0180	2.7	SSW
5/2/2025 15:15:00	27.6	22.7	-5.0	0.0387	0.0073	-0.0313	2.3	SW
5/2/2025 15:30:00	28.0	23.4	-4.6	0.0200	0.0213	0.0013	2.5	SSW
5/2/2025 15:45:00	25.1	24.6	-0.4	0.0227	0.0180	-0.0047	2.1	SW