LANGAN

DAILY STATUS REPORT

Prepared By: Daniel Horvath

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

Langan Project No:	100688803	Project:	12074 Flatlands Avenue p/o Lot 1	Date:	05/13/2025
NYSDEC BCP Site No:	C224353	NYCOER Site No.:	Lot 1: 23TMP1319K / 23EHAN210K Lot 100: 25TMP1084K, 25EHAN206K	Time:	06:15 – 18:00

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

Site Activities

BCP Site Activities

- Langan provided oversight during implementation of the 1 May 2024 RAWP.
- United Concrete (United) removed 40 truckloads of non-hazardous material from stockpile ST-43, originally excavated from disposal grid WC34E in the central portion of the Site, for off-Site disposal to Clean Earth Carteret. Stockpile ST-43 is no longer present on-Site.
- United removed 10 truckloads of hazardous material from stockpile ST-31, originally 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.
- United removed 3 truckloads of concrete for off-Site disposal to Riverfront Recycling in Camden, NJ.
- United removed truck ramp TR-3, consisting of non-hazardous material originally from disposal grid WC33F in the northern portion of the Site, and staged it on polyethylene sheeting in the southern portion of the Site for future off-Site disposal.
- United added material from truck ramp TR-2, consisting of non-hazardous material originally excavated from disposal grids WC38B, WC38C, WC61B, WC61C, and WC61D in the western portion of the Site, to stockpile ST-42 in the southwestern portion of the Site.
- United began construction of a truck wash station in the northern portion of the Site.
    - United excavated an approximately 10-foot-long by 5-foot-wide area from between 5.5 and 6.5 feet bgs in disposal grid WC30G for the placement of the truck wash water collection and settling tank east of the truck wash station. No staining, odors, or elevated PID readings were observed during excavation. All excavated was added to stockpile TR-3 in the southern portion of the Site for future off-Site disposal. United placed the settling tank for the truck wash within this excavation.
    - United placed dense graded aggregate (DGA) from stockpile ST-41 above polyethylene sheeting in the northern portion of the Site for the construction of truck ramp TR-4. Stockpile ST-41 is no longer present on-Site. Mirafi filter fabric was placed above TR-4, followed by 15-mil Stego Wrap, followed by an approximately 6-inch-thick layer of imported 1.5-inch clean stone from stockpile ST-44.

BCP Site Activities (continued)

- United placed a 6-inch thick layer of imported 1.5-inch clean stone from stockpile ST-44 above Mirafi filter fabric in an approximately 80-foot-long by 85-foot-wide area in the central portion of the Site for the construction of a stabilized surface for future pile installation.
- United placed a 6-inch thick layer of imported 1.5-inch clean stone from stockpile ST-40 above Mirafi filter fabric in an approximately 100-foot-long by 15-foot-wide area in the central portion of the Site for the construction of a stabilized surface for future pile installation. Stockpile ST-40 is no longer present on-Site.
- United continued installing walers for the support of excavation (SOE) in the northwestern portion of the Site.
- United used a hammer attachment to break up previously stockpiled concrete in the southeastern portion of the Site.
- RYC Turbos continued installing the secant pile wall along the southwestern and western boundaries 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.
- RYC Turbos continued installing sheet piles for the construction of the SOE for deep foundation elements in the northeastern portion of the Site. RYC Turbos cut sheet piles to grade.

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 continue installing walers in the northwestern portion of the Site.
- RYC Turbos will continue installing the SOE along the western boundary of the Site and the southwestern 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 mobilize to the Site for the installation of 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)*		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	72	1,440	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	0	0
Total:	175	3,500	51	1,020	694	13,880	81	1,620	471	9,420
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	10	200	0	0	0	0	0	0
Total:	54	1,080	15	300	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	40	800	----	----
Total:	2	40	0	0	0	0	131	2,620	----	----
Facility/Material (Lot 100):	Clean Earth North Jersey Kearny, New Jersey Approval #253020014 (cumulative 96,400 tons)		----		----		----		----	
Volume:	Trucks	Cu. Yds.	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks
Today:	0	0	----	----	----	----	----	----	----	----
Total:	4	80	----	----	----	----	----	----	----	----

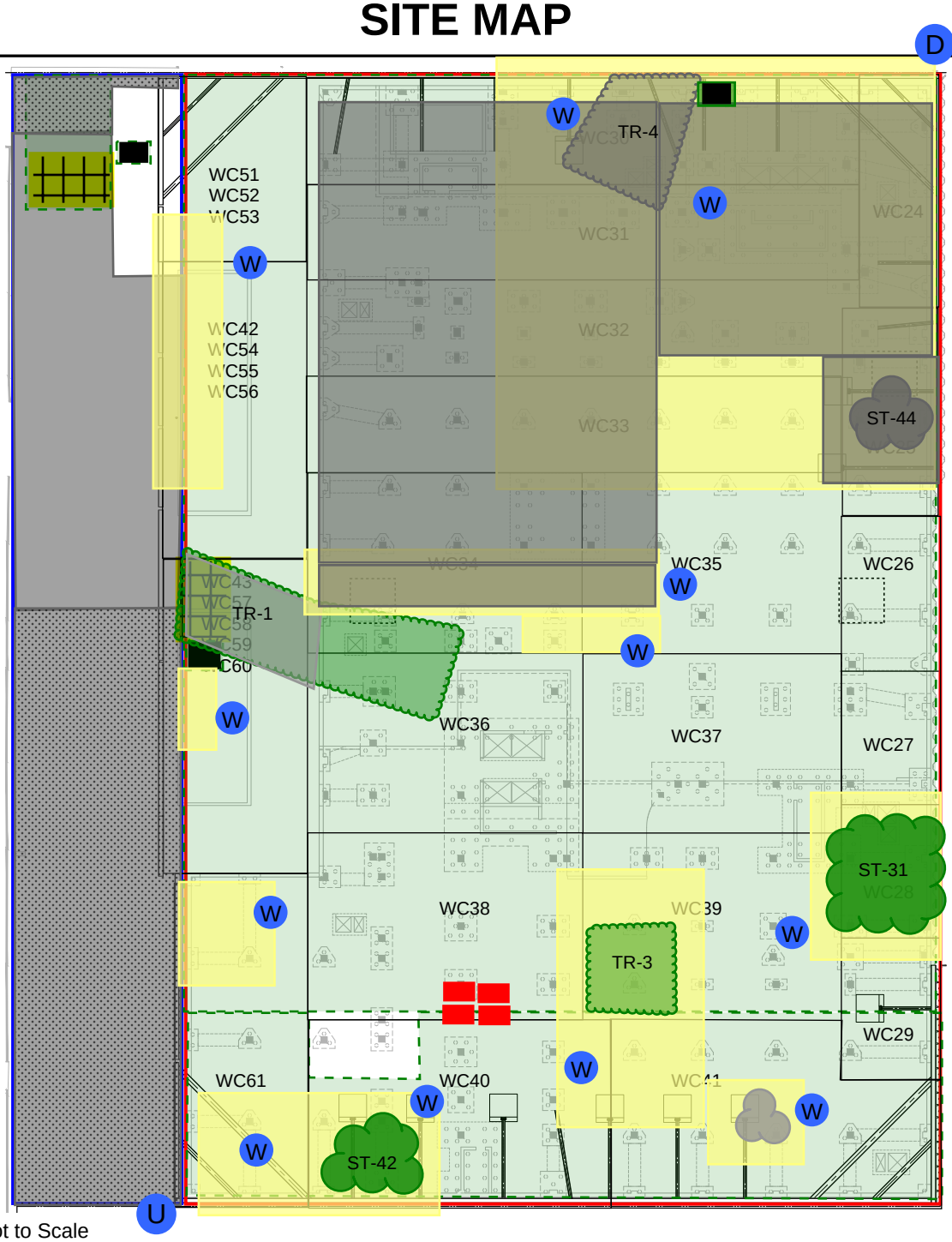
Note: 20 cubic yards assumed per truckload

Photo Log

Photo 1 – United removing truck ramp TR-3 in the central portion of the Site, facing southeast.	
Photo 2 – United constructing truck ramp TR-4 in the northern portion of the Site, facing north.	

Photo 3 – View of Truck Ramp TR-4 prior to the FODS placement in the northern portion of the Site, facing south.	
Photo 4 – RYC Turbos installing sheet piles in the northeastern portion of the Site, facing south.	

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

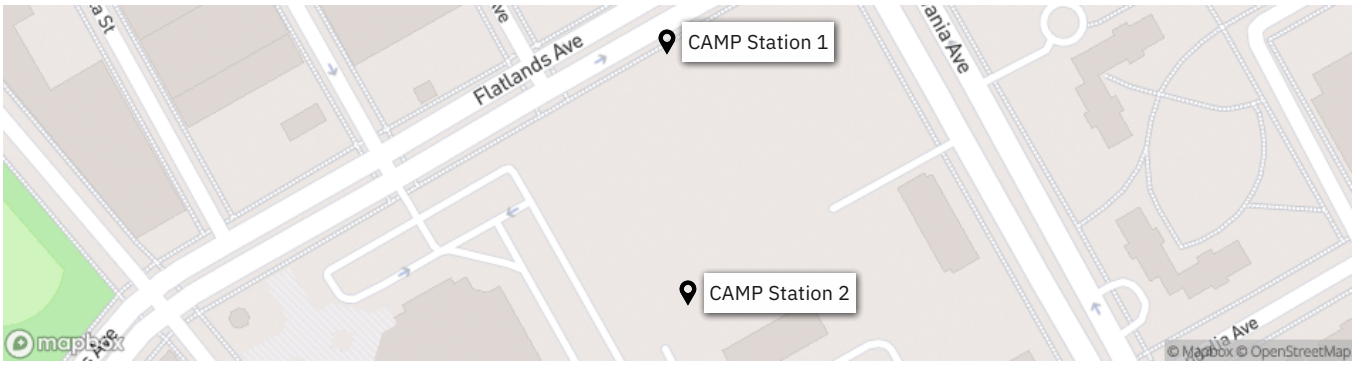
NOTES

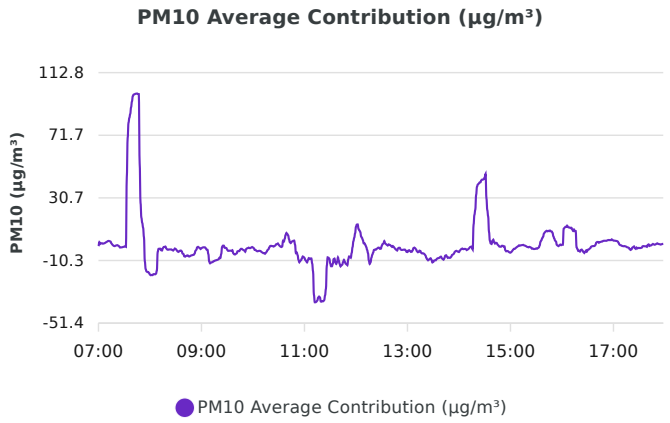
1. Basemap from the "Support of Excavation Plan" drawing prepared by Langan dated 3/3/2025.
2. Waste characterization grids are shown as presented in the Draft Disposal Map prepared by Clean Earth.
3. Truck Ramp TR-1 contains non-hazardous material excavated from disposal grids WC57 and WC58 in the western 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.
6. 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.
5. Stockpile ST-44 contains imported 1.5-inch clean stone from Braen Stone of Sparta in Lafayette, NJ.
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.
8. Truck Ramp TR-4 contains imported DGA from Braen Stone of Sparta in Lafayette, NJ.

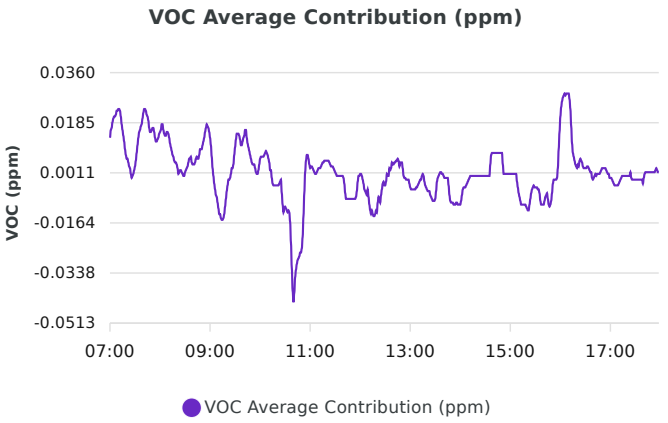
LANGAN	Site Contribution Report - CCC Phase 1B - 1 Report	100688803 - CCC - Phase 1B	
		Report Period	
		From:	5/13/2025 07:00
		To:	5/13/2025 19:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Windspeed (mph)	Prevailing wind direction
5/13/2025	61.2-71.4	58-76	30.1-30.2	0.5-3.8	SW

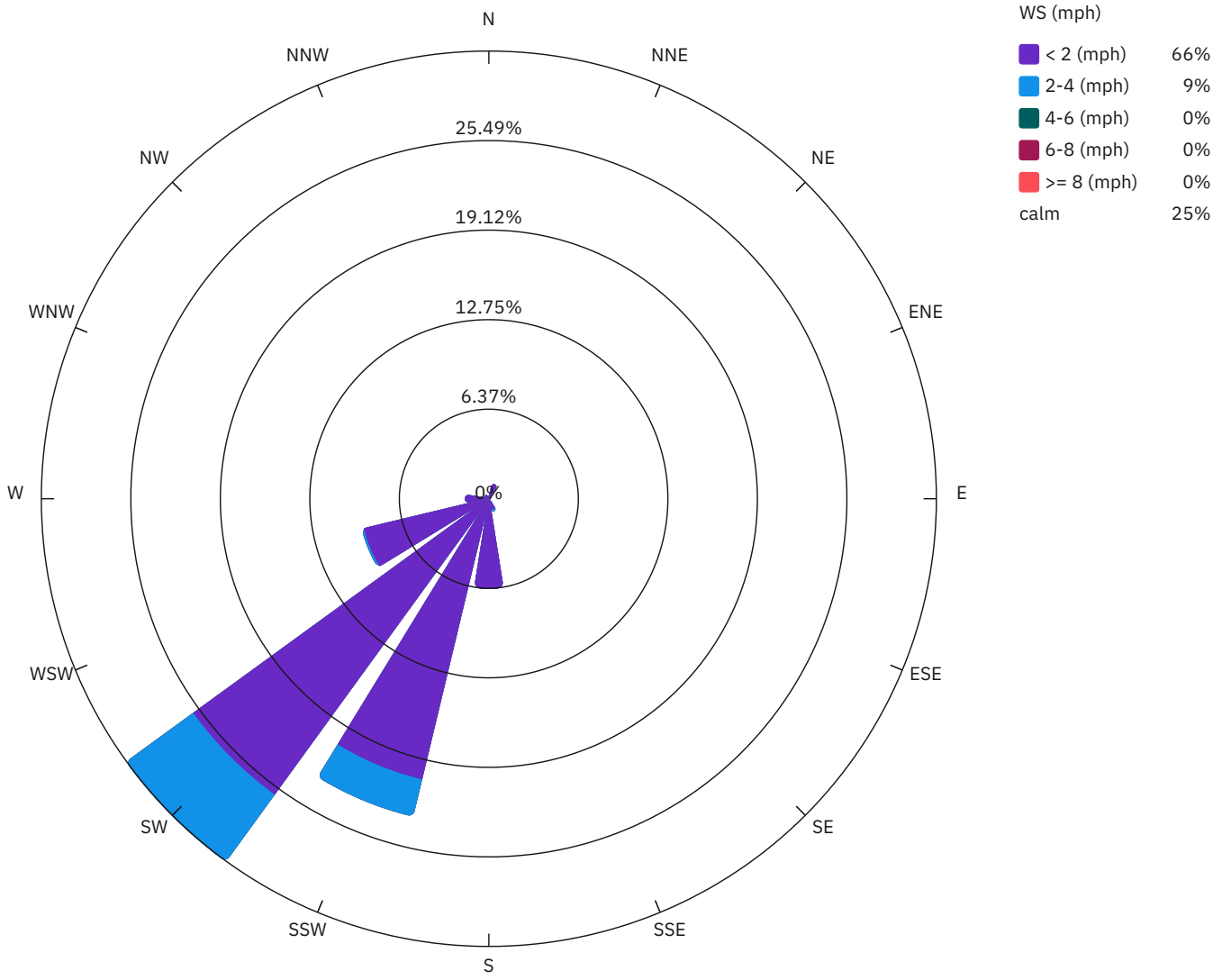
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 5/13/2025	-36.5	11:15	-0.0293	10:45
Max Contribution (15 min avg.) - 5/13/2025	99.1	07:45	0.0207	07:45







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
5/13/2025 07:00:00	20.9	19.9	-0.9	0.0027	0.0160	0.0133	0.8	SW
5/13/2025 07:15:00	15.9	17.0	1.0	0.0093	0.0253	0.0160	1.1	SSW
5/13/2025 07:30:00	16.2	14.8	-1.3	0.0140	0.0173	0.0033	1.1	SSW
5/13/2025 07:45:00	14.1	113.2	99.1	0.0033	0.0240	0.0207	1.4	SW
5/13/2025 08:00:00	34.5	14.8	-19.6	0.0093	0.0247	0.0153	1.1	SSW
5/13/2025 08:15:00	15.4	13.1	-2.3	0.0013	0.0087	0.0073	1.3	SW
5/13/2025 08:30:00	12.6	9.8	-2.8	0.0060	0.0073	0.0013	1.1	SSW
5/13/2025 08:45:00	17.3	9.7	-7.6	0.0033	0.0093	0.0060	1.3	SSW
5/13/2025 09:00:00	14.0	11.7	-2.3	0.0173	0.0307	0.0133	1.4	SSW
5/13/2025 09:15:00	19.7	8.9	-10.7	0.0247	0.0093	-0.0153	1.5	SW
5/13/2025 09:30:00	14.0	10.7	-3.3	0.0047	0.0147	0.0100	1.3	SSW
5/13/2025 09:45:00	13.5	10.2	-3.3	0.0053	0.0167	0.0113	1.1	SSW
5/13/2025 10:00:00	13.1	11.3	-1.8	0.0053	0.0113	0.0060	1.2	SSW
5/13/2025 10:15:00	15.2	9.9	-5.3	0.0060	0.0033	-0.0027	0.8	SSW
5/13/2025 10:30:00	13.1	13.1	0.0	0.0120	0.0013	-0.0107	0.9	SW
5/13/2025 10:45:00	27.9	29.9	2.0	0.0493	0.0200	-0.0293	1.0	SW
5/13/2025 11:00:00	17.8	9.1	-8.7	0.0000	0.0027	0.0027	1.4	SSW
5/13/2025 11:15:00	45.8	9.4	-36.5	0.0013	0.0060	0.0047	1.5	SSW
5/13/2025 11:30:00	20.1	7.9	-12.2	0.0000	0.0013	0.0013	1.5	SSW
5/13/2025 11:45:00	21.3	10.1	-11.3	0.0080	0.0000	-0.0080	0.9	SW
5/13/2025 12:00:00	13.9	25.7	11.8	0.0013	0.0020	0.0007	0.6	SW
5/13/2025 12:15:00	32.6	22.2	-10.4	0.0200	0.0067	-0.0133	0.7	N
5/13/2025 12:30:00	16.1	15.3	-0.8	0.0120	0.0087	-0.0033	0.6	WNW
5/13/2025 12:45:00	12.1	9.9	-2.2	0.0020	0.0080	0.0060	1.0	SW
5/13/2025 13:00:00	13.0	8.2	-4.8	0.0053	0.0013	-0.0040	1.4	SW
5/13/2025 13:15:00	13.1	9.0	-4.1	0.0013	0.0020	0.0007	1.7	SW
5/13/2025 13:30:00	18.9	7.6	-11.3	0.0093	0.0013	-0.0080	1.5	SW
5/13/2025 13:45:00	17.0	10.1	-6.9	0.0033	0.0027	-0.0007	1.7	SW
5/13/2025 14:00:00	16.4	11.6	-4.8	0.0100	0.0000	-0.0100	2.1	SW
5/13/2025 14:15:00	12.7	11.5	-1.2	0.0000	0.0000	0.0000	2.0	SSW
5/13/2025 14:30:00	18.0	62.2	44.2	0.0000	0.0000	0.0000	1.9	SSW
5/13/2025 14:45:00	14.9	15.1	0.1	0.0000	0.0080	0.0080	1.7	SW

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
5/13/2025 15:00:00	15.1	9.9	-5.2	0.0000	0.0007	0.0007	1.7	SW
5/13/2025 15:15:00	12.6	12.4	-0.1	0.0100	0.0000	-0.0100	1.4	SW
5/13/2025 15:30:00	11.2	8.7	-2.4	0.0040	0.0000	-0.0040	1.4	SW
5/13/2025 15:45:00	9.1	18.0	8.9	0.0100	0.0020	-0.0080	1.7	SW
5/13/2025 16:00:00	8.5	8.5	0.0	0.0027	0.0233	0.0207	1.8	SW
5/13/2025 16:15:00	12.1	21.1	8.9	0.0007	0.0087	0.0080	0.9	SW
5/13/2025 16:30:00	13.7	10.4	-3.3	0.0040	0.0067	0.0027	0.7	WSW
5/13/2025 16:45:00	8.3	10.0	1.8	0.0007	0.0013	0.0007	0.8	WSW
5/13/2025 17:00:00	6.4	9.2	2.7	0.0033	0.0027	-0.0007	1.1	WSW
5/13/2025 17:15:00	10.2	8.9	-1.3	0.0000	0.0000	0.0000	1.0	WSW
5/13/2025 17:30:00	12.1	10.0	-2.1	0.0027	0.0013	-0.0013	1.0	SW
5/13/2025 17:45:00	8.2	8.2	0.1	0.0000	0.0013	0.0013	1.0	SW