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:	04/15/2025
NYSDEC BCP Site No:	C224353	NYCOER Site No.:	Lot 1: 23TMP1319K / 23EHAN210K Lot 100: 25TMP1084K, 25EHAN206K	Time:	06:15 – 17:00

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**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 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 41 truckloads of non-hazardous material for off-Site disposal to Clean Earth Carteret in Carteret, NJ.
    - United removed 5 truckloads of material from stockpile ST-12, originally excavated from disposal grids WC34B, WC34D, WC35B, WC36C, WC36D, WC37B, WC37C, WC37D, WC38B, WC38C, WC38D, WC39B, WC39C, and WC39D in the central portion of the Site, for off-Site disposal to Clean Earth Carteret. Stockpile ST-12 is no longer present on-Site.
    - United removed 36 truckloads of material from stockpile ST-17, originally excavated from disposal grids WC33B and WC35B in the central portion of the Site, for off-Site disposal to Clean Earth Carteret.
- United removed 10 truckloads of non-hazardous material from stockpile ST-16, originally excavated from disposal grid WC30D in the northern portion of the Site, for off-Site disposal to Clean Earth New Castle in New Castle, DE.
- United removed 10 truckloads of non-hazardous material from stockpile ST-18 originally excavated from disposal grids WC24 and WC25 in the eastern portion of the Site, for off-Site disposal to Clean Earth Philadelphia in Philadelphia, PA.
- United excavated an approximately 35-foot-long by 15-foot-wide area from between 3 and up to 9 feet below ground surface (bgs) in disposal grids WC33D and WC33E in the central portion of the Site. No staining, odors, or elevated PID readings were observed during excavation. Excavated material from between 3 and 6 feet bgs was added to stockpile ST-17 in the central portion of the Site for future off-Site disposal. Excavated material from between 6 and up to 9 feet bgs was staged as stockpile ST-20 in the northern portion of the Site for future off-Site disposal. Both stockpiles were covered with polyethylene sheeting at the end of the day.

BCP Site Activities (Continued)

- United excavated an approximately 30-foot-long by 30-foot-wide area from between 0 and up to 9 feet bgs in disposal grid WC25 in the eastern portion of the Site. No staining, odors, or elevated PID readings were observed during excavation. Previously imported 1.5-inch clean stone from Tilcon New York Inc. placed in the sloped area was excavated and staged as stockpile ST-21 in the central portion of the Site. The remainder of the excavated material was added to stockpile ST-18 in the central portion of the Site for future off-Site disposal. Stockpile ST-18 was covered with polyethylene sheeting at the end of the day.
- United excavated an approximately 35-foot long by 30-foot wide area from between 3 and up to 7 feet bgs in disposal grids WC31E and WC32E in the northern portion of the Site. No staining, odors, or elevated PID readings were observed during excavation. All excavated material was staged as stockpile ST-22 in the central portion of the Site for future off-Site disposal. Stockpile ST-22 was covered with polyethylene sheeting at the end of the day.
- United excavated an approximately 35-foot-long area by 15-foot-wide area from between 3 and up to 7 bgs in disposal grids WC31E and WC32E in the central portion of the Site. No staining, odors, or elevated PID readings were observed during excavation. All excavated material was staged as stockpile ST-23 in the northern portion of the Site. Stockpile ST-23 was covered with polyethylene sheeting at the end of the day.
- United pumped approximately 50 gallons of water from the truck wash settling tank on the Site to the truck wash settling tank on Lot 100.
- RYC Turbos continued installing the soil mix wall along the southern boundary of the Site for the construction of the Support of Excavation (SOE).
- RYC Turbos installed and poured concrete within the SOE guide wall formwork along the northern boundary of the Site for the construction of the SOE.
- RYC Turbos installed formwork within an approximately 10-foot-long by 10-foot-wide area in the northern portion of the Site and poured concrete for the construction of a concrete pad for the installation of a grout silo to be used for the construction of the soil mix wall.

Lot 100 Site Activities

- United continued constructing a truck wash station in the northern portion of Lot 100.
    - United excavated an approximately 30-foot-long by 5-foot-wide area between 1 and up to 3 feet bgs in the northern portion of Lot 100 for the construction of the truck wash station. No staining, odors, or elevated PID readings were observed during excavation. All excavated material was added to stockpile ST-19 for future off-Site disposal. The truck wash station was sloped to the eastern portion of the excavation area for the collection of wash water.
    - United then placed 15-mil Stego Wrap within an approximately 55-foot-long by 30-foot-wide area above the extents of the truck wash station.

Samples Collected

- Langan collected sample WC_stockpile_04152025 from stockpile ST-19 to be analyzed for waste characterization parameters for future off-Site disposal.

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.

4/15/2025 Dust Data			
	mg/m³	**Time**	**Comment**
Exceedance of STEL:	0.330	15:00	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:	0.577	15:30	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.

Problems Encountered

- None.

Activities Scheduled for Next Day

- United will export material from the Site.
- United will import material to Lot 100.
- United will continue excavating in the central portion of the Site.
- RYC Turbos will continue installing the soil mix wall for the SOE in the southern 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:	0	0	0	0	----	----	----	----	----	----
Total:	0	0	0	0	----	----	----	----	----	----
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:	10	200	0	0	41	820	0	0	10	200
Total:	95	1,900	20	400	435	8,700	71	1,420	31	620
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	0	0	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	52	1,040	----	----

Note: 20 cubic yards assumed per truckload

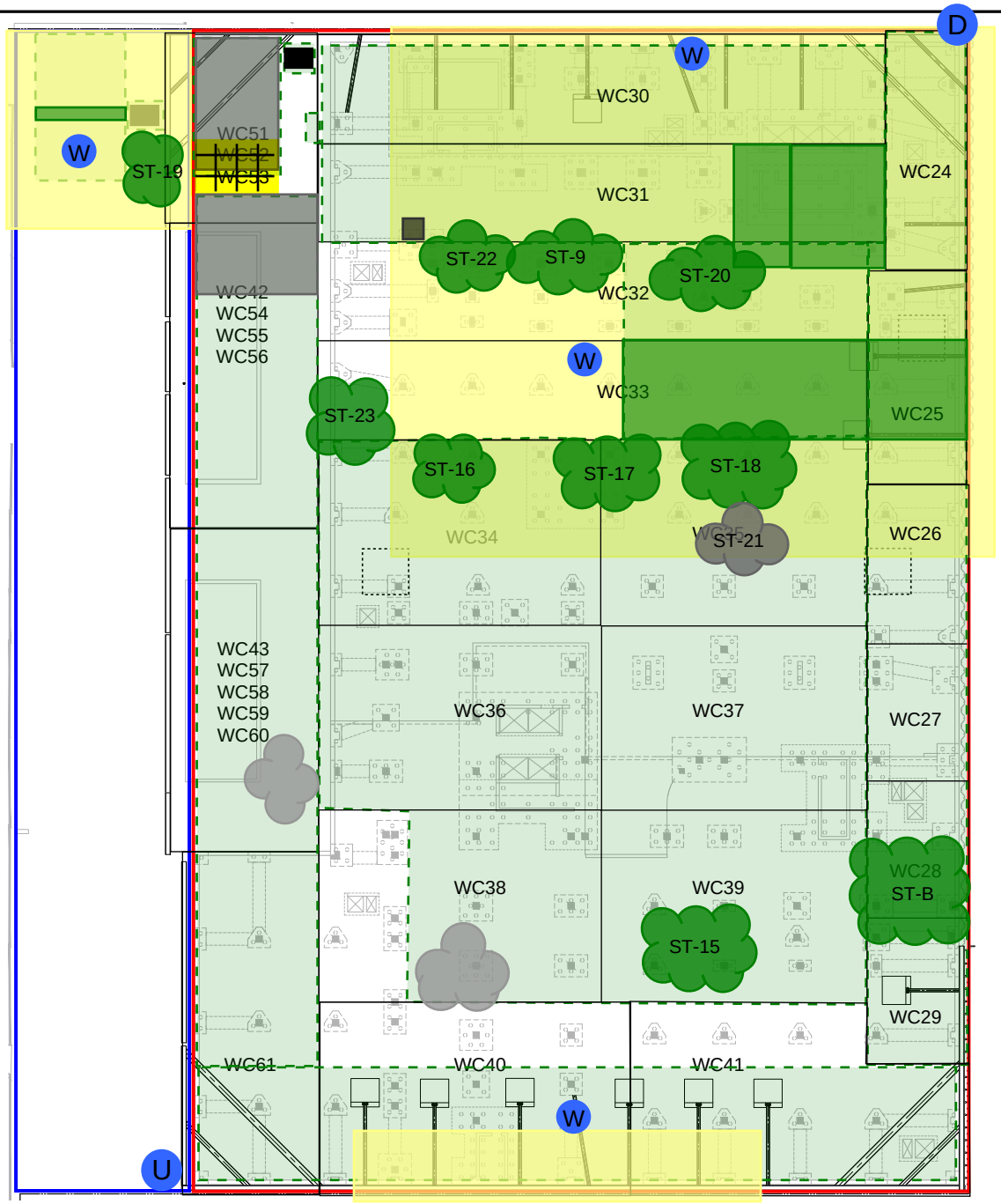
Photo Log

Photo 1 – United washing trucks at the truck wash station in the northwestern portion of the Site, facing northwest.	
Photo 2 – United excavating in the northern portion of the Site, facing southwest.	

Photo 3 – General Site conditions, facing north.	
Photo 4 – RYC Turbos installing the soil mix guide wall in the northern portion of the Site, facing west.	

Photo 5 – United excavating in the northern portion of Lot 100 for the construction of a truck wash station, facing northwest.	
Photo 6 – United installing Stego wrap above the excavated area in the northern portion of Lot 100 for the construction of the truck wash station, 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
- Poured Concrete
- 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

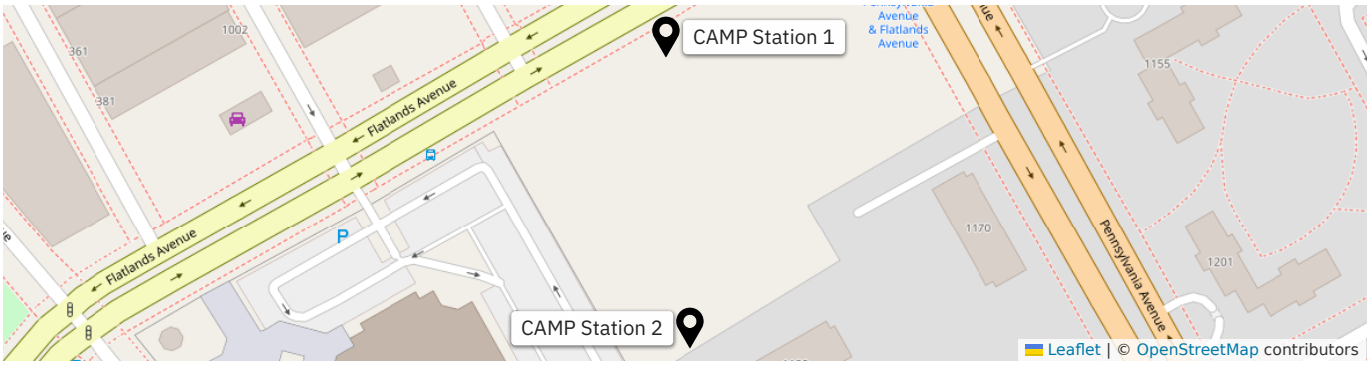
NOTES

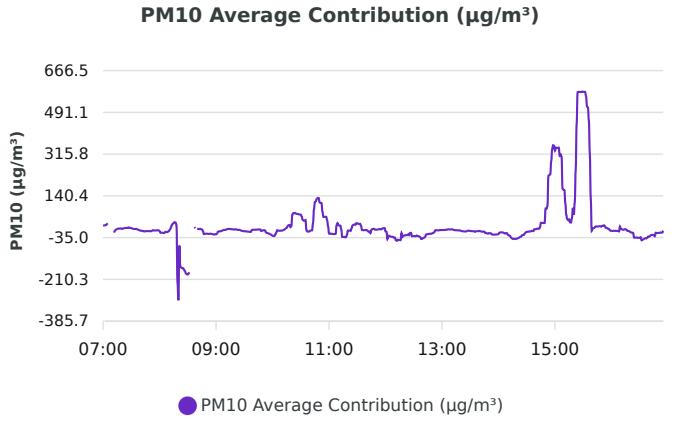
1. Basemap from the "Support of Excavation Plan" drawing prepared by Langan dated 3/3/2025.
2. Waste characterization grids are shown as presented in the Draft Disposal Map prepared by Clean Earth.
3. ST-B contains non-hazardous material excavated from disposal grids WC20, WC21, WC26, and WC27 and was previously used as a construction ramp for the adjacent BCP Site.
4. 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.
5. Stockpile ST-15 contains non-hazardous material excavated from disposal grids WC26 and WC27 in the eastern portion of the Site for off-Site disposal to Clean Earth Philadelphia.
6. Stockpile ST-16 contains non-hazardous material from disposal grid WC30D in the northern portion of the Site for off-Site disposal to Clean Earth Carteret.
7. 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.
8. Stockpile ST-18 contains non-hazardous material excavated from disposal grids WC24 and WC25 in the eastern portion of the Site for off-Site disposal to Clean Earth Philadelphia.
9. Stockpile ST-19 contains non-hazardous material excavated in the northern portion of Lot 100 for future off-Site disposal.
10. 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.
11. Stockpile ST-21 contains 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).
12. Stockpile ST-22 contains hazardous material excavated from disposal grids WC31E and WC32E in the northern portion of the Site for off-Site disposal to Clean Earth of North Jersey.
13. Stockpile ST-23 contains non-hazardous material excavated from disposal grid WC31E in the northern portion of the Site for off-Site disposal to Clean Earth New Castle.

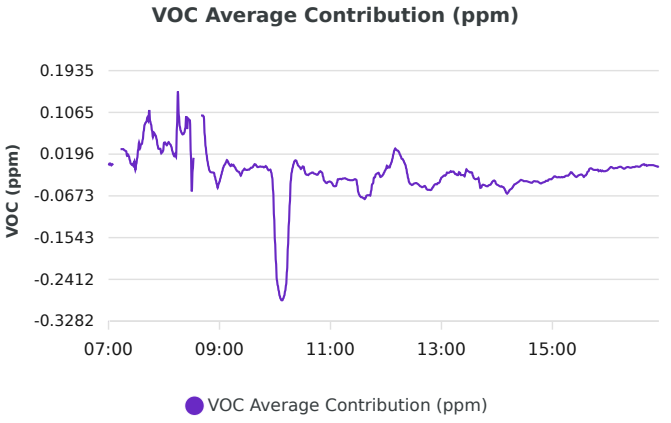
LANGAN	Site Contribution Report - CCC Phase 1B - 1 Report	100688803 - CCC - Phase 1B	
		Report Period	
		From:	4/15/2025 07:00
		To:	4/15/2025 19:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Windspeed (mph)	Prevailing wind direction
4/15/2025	46-71.6	29.8-84.2	29.3-29.6	0.2-7.1	SSW

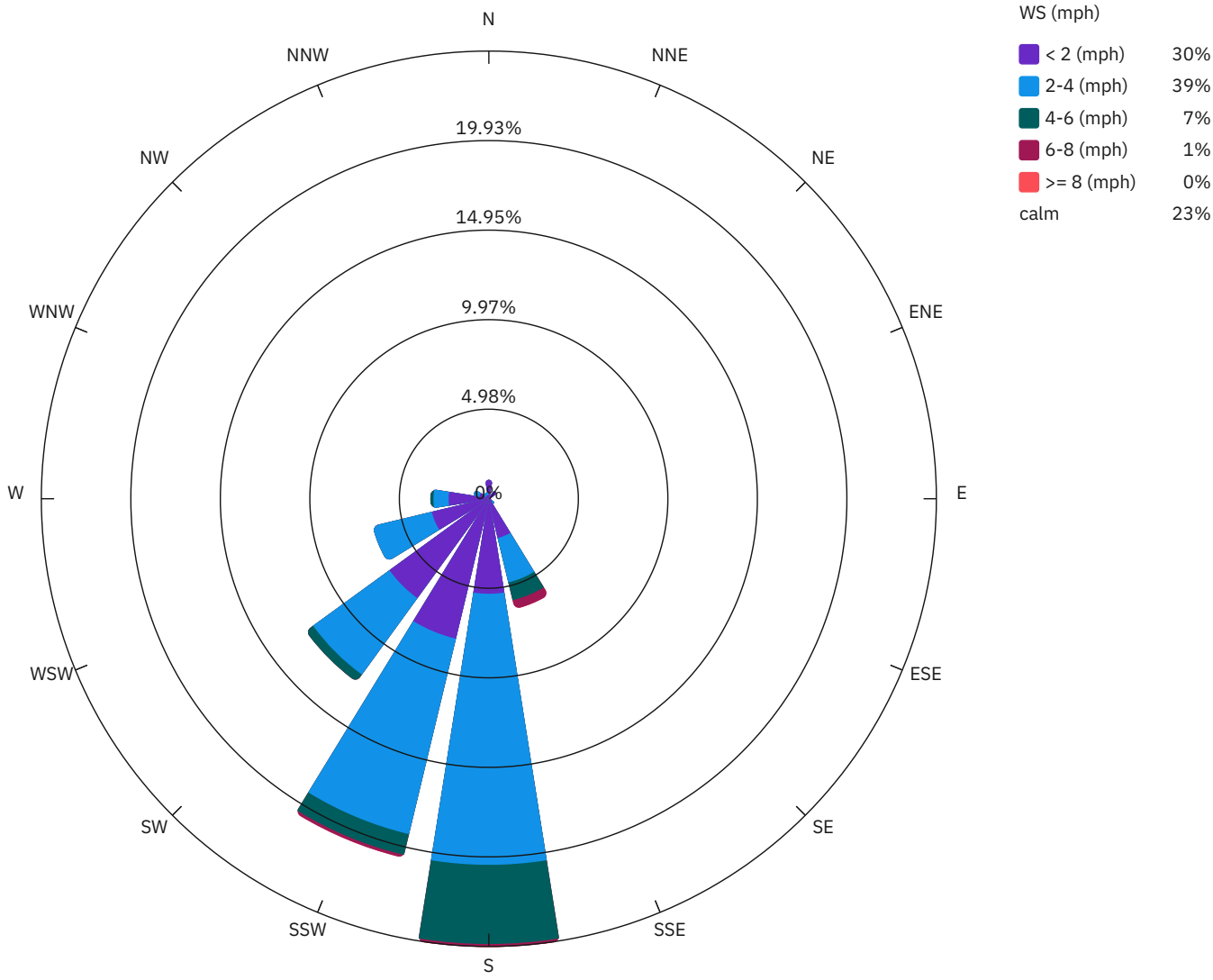
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 4/15/2025	-189.6	08:30	-0.1627	10:00
Max Contribution (15 min avg.) - 4/15/2025	577.3	15:30	0.1500	08:15







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
4/15/2025 07:00:00	56.1	71.7	15.6	0.0040	0.0000	-0.0040	0.3	N
4/15/2025 07:15:00	30.8	32.3	1.5	0.0200	0.0500	0.0300	0.3	NW
4/15/2025 07:30:00	33.1	37.8	4.7	0.0933	0.0927	-0.0007	0.3	WNW
4/15/2025 07:45:00	32.0	24.3	-7.7	0.0947	0.1827	0.0880	0.6	WSW
4/15/2025 08:00:00	34.6	27.0	-7.6	0.0627	0.1060	0.0433	0.6	WSW
4/15/2025 08:15:00	36.2	63.0	26.8	0.0833	0.2333	0.1500	0.3	WNW
4/15/2025 08:30:00	456.2	266.6	-189.6	0.1907	0.1327	-0.0580	0.7	W
4/15/2025 08:45:00	23.1	22.6	-0.5	0.0650	0.1000	0.0350	0.7	NNE
4/15/2025 09:00:00	39.3	18.1	-21.2	0.0820	0.0440	-0.0380	1.7	S
4/15/2025 09:15:00	31.1	32.6	1.5	0.0800	0.0773	-0.0027	0.4	W
4/15/2025 09:30:00	28.4	20.6	-7.9	0.0833	0.0700	-0.0133	1.3	S
4/15/2025 09:45:00	28.0	27.3	-0.7	0.0727	0.0660	-0.0067	1.5	S
4/15/2025 10:00:00	46.9	20.1	-26.8	0.2393	0.0767	-0.1627	0.8	SW
4/15/2025 10:15:00	35.8	42.1	6.3	0.1960	0.0713	-0.1247	0.9	SSW
4/15/2025 10:30:00	37.0	98.3	61.2	0.0940	0.0880	-0.0060	1.5	SW
4/15/2025 10:45:00	44.3	159.1	114.9	0.0733	0.0500	-0.0233	2.0	SSW
4/15/2025 11:00:00	87.4	69.5	-17.9	0.0940	0.0560	-0.0380	2.1	S
4/15/2025 11:15:00	53.0	20.9	-32.2	0.0767	0.0460	-0.0307	1.7	SSW
4/15/2025 11:30:00	31.6	56.9	25.4	0.1000	0.0407	-0.0593	1.4	SSW
4/15/2025 11:45:00	37.5	34.7	-2.8	0.0800	0.0367	-0.0433	1.3	SSW
4/15/2025 12:00:00	29.5	20.9	-8.5	0.0727	0.0613	-0.0113	0.9	SSW
4/15/2025 12:15:00	78.8	33.7	-45.1	0.0580	0.0773	0.0193	1.4	SSW
4/15/2025 12:30:00	44.7	15.9	-28.8	0.0640	0.0220	-0.0420	2.2	SSW
4/15/2025 12:45:00	33.8	13.6	-20.2	0.0687	0.0140	-0.0547	2.4	SSW
4/15/2025 13:00:00	17.1	14.1	-3.1	0.0480	0.0187	-0.0293	1.8	SSW
4/15/2025 13:15:00	17.9	14.1	-3.9	0.0360	0.0140	-0.0220	1.9	SW
4/15/2025 13:30:00	21.0	14.0	-7.0	0.0433	0.0260	-0.0173	1.8	SW
4/15/2025 13:45:00	25.1	14.9	-10.1	0.0800	0.0360	-0.0440	2.8	SSW
4/15/2025 14:00:00	32.6	12.7	-19.9	0.0713	0.0273	-0.0440	2.8	S
4/15/2025 14:15:00	51.5	11.5	-40.0	0.0573	0.0040	-0.0533	3.2	SSW
4/15/2025 14:30:00	22.7	12.2	-10.5	0.0447	0.0080	-0.0367	4.1	S
4/15/2025 14:45:00	25.9	53.0	27.1	0.0460	0.0073	-0.0387	3.7	S

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
4/15/2025 15:00:00	27.3	357.3	330.1	0.0393	0.0087	-0.0307	2.9	SSW
4/15/2025 15:15:00	21.8	63.2	41.4	0.0313	0.0060	-0.0253	3.7	S
4/15/2025 15:30:00	28.9	606.1	577.3	0.0367	0.0133	-0.0233	3.0	SSW
4/15/2025 15:45:00	28.2	39.5	11.3	0.0267	0.0133	-0.0133	2.8	SSW
4/15/2025 16:00:00	32.9	26.9	-6.0	0.0167	0.0033	-0.0133	2.8	SSW
4/15/2025 16:15:00	32.7	32.9	0.3	0.0153	0.0073	-0.0080	2.6	SSW
4/15/2025 16:30:00	50.6	15.2	-35.4	0.0140	0.0080	-0.0060	2.8	SSW
4/15/2025 16:45:00	45.9	20.7	-25.1	0.0093	0.0060	-0.0033	2.3	SW