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		70-85		>85	

Langan Project No:	100688803	Project:	12074 Flatlands Avenue p/o Lot 1	Date:	04/10/2025
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), 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 88 truckloads of non-hazardous material for off-Site disposal to Clean Earth Carteret in Carteret, NJ.
    - United removed 15 truckloads of material from stockpile ST-13, consisting of material originally generated from disposal grids WC34C and WC35D. Stockpile ST-13 is no longer present on-Site.
    - United removed 73 truckloads of material from stockpile ST-12, consisting of material originally generated from disposal grids WC34B, WC34D, WC35B, WC35C, WC36C, WC36D, WC37B, WC37C, WC37D, WC38B, WC38C, WC38D, WC39B, WC39C and WC39D.
- United relocated stockpile ST-14 to disposal grid WC33B. The stockpile was staged on and covered with polyethylene sheeting.
- United excavated an approximately 20-foot long area ranging between 30- and 85-feet-wide from between 0 and up to 2 feet below ground surface (bgs) in disposal grids WC34B in the central portion of the Site. No staining, odors, or elevated PID readings were observed during excavation. All excavated material was added to stockpile ST-12 in the central portion of the Site for future off-Site disposal.
- United excavated an approximately 45-foot-long by 35-foot-wide area from between 0 and up to 8 feet bgs in disposal grids WC36B, WC36C, and WC36D in the central portion of the Site. No staining, odors, or elevated PID readings were observed during excavation. Excavated material from between 0 and 2 feet bgs was added to stockpile ST-14 in the central portion of the Site for future off-Site disposal. Excavated material from between 2 and up to 8 feet bgs was added to stockpile ST-12 in the central portion of the Site for future off-Site disposal. Stockpiles ST-12 and ST-14 were covered with polyethylene sheeting at the end of the day.
- RYC Turbos continued installing the soil mix wall along the southeastern boundary of the Site for the construction of the Support of Excavation (SOE).

BCP Site Activities (continued)

- RYC Turbos installed and poured concrete within the guide wall formwork along the southern boundary of the Site for the construction of the SOE.
- RYC Turbos continued installing sheet piles along the southwestern boundary of the Site for the construction of the SOE.
- RYC Turbos used the TM18/22 HD Drill Rig with an auger attachment to drill to approximately 40 feet bgs in disposal grid WC61 in the southwestern portion of the Site to break up obstructions to facilitate sheet pile installation.

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 daily 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 to excavate in the central portion of the Site.
- RYC Turbos will continue installing the soil mix wall for the SOE in the southeastern portion of the Site.
- RYC Turbos will continue installing sheet piles for the SOE in the southwestern portion of the Site.

Two Week Outlook

- United will excavate and export material from the southern and western portions of the Site.
- RYC Turbos will install the SOE along the eastern 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:	0	0	0	0	73	1,460	15	300	0	0
Total:	70	1,400	20	400	312	6,240	63	1,260	21	420
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	0	0
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	10	200	----	----
Total:	2	40	0	0	0	0	20	400	----	----

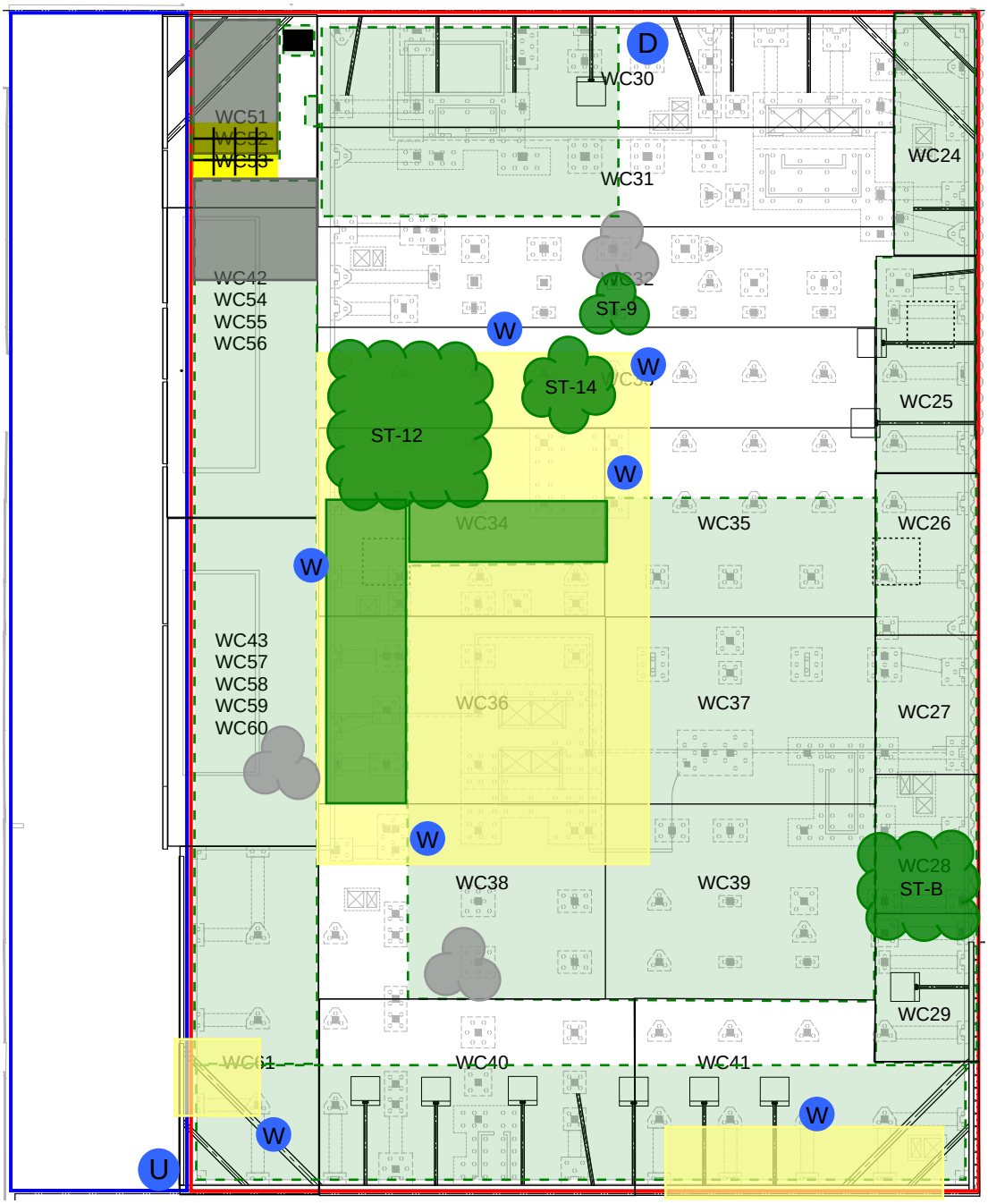
Note: 20 cubic yards assumed per truckload

Photo Log

Photo 1 – United loading non-hazardous material from stockpile ST-12 for off-Site disposal to Clean Earth Carteret, facing east.	
Photo 2 – United excavating in the central portion of the Site, facing northeast.	

Photo 3 – RYC Turbos installing the SOE guide wall in the southern portion of the Site, facing east.	
Photo 4 – RYC Turbos drilling in the southwestern portion of the Site to facilitate sheet pile installation, 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
- Surficial Asphalt/Concrete Removed Today
- 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

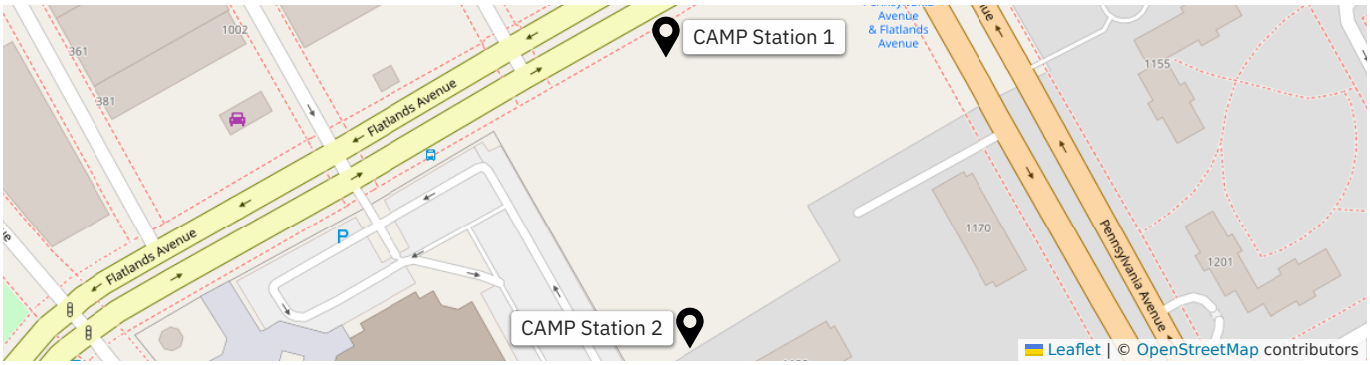
NOTES

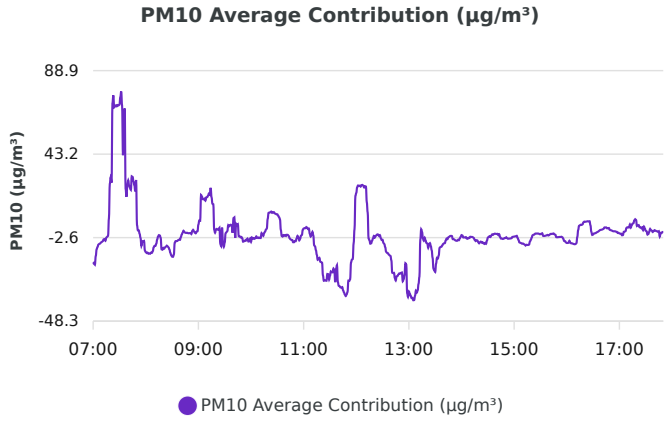
1. Basemap from the "Support of Excavation Plan" drawing prepared by Langan dated 3/3/2025.
2. Waste characterization grids are shown as presented in the Draft Disposal Map prepared by Clean Earth.
3. ST-B contains non-hazardous material excavated from disposal grids WC20, WC21, WC26, and WC27 and was 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-12 contains non-hazardous material 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.
6. Stockpile ST-14 contains non-hazardous material excavated from disposal grid WC36B in the central portion of the Site for off-Site disposal to Clean Earth Carteret.

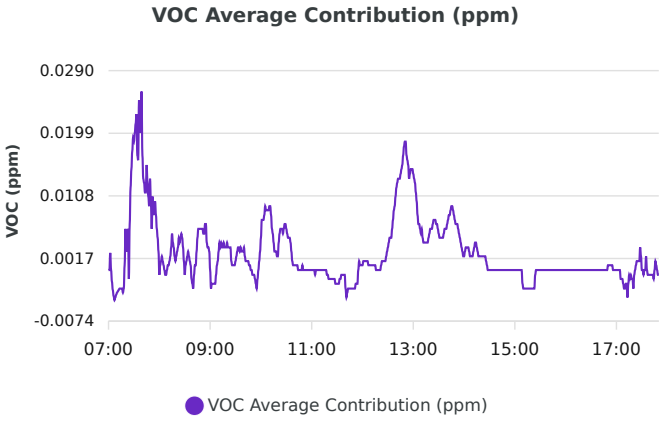
LANGAN	Site Contribution Report - CCC Phase 1B - 1 Report	100688803 - CCC - Phase 1B	
		Report Period	
		From:	4/10/2025 07:00
		To:	4/10/2025 19:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Windspeed (mph)	Prevailing wind direction
4/10/2025	38.5-52.7	42.8-64.4	30.3-30.3	0.3-7.4	S

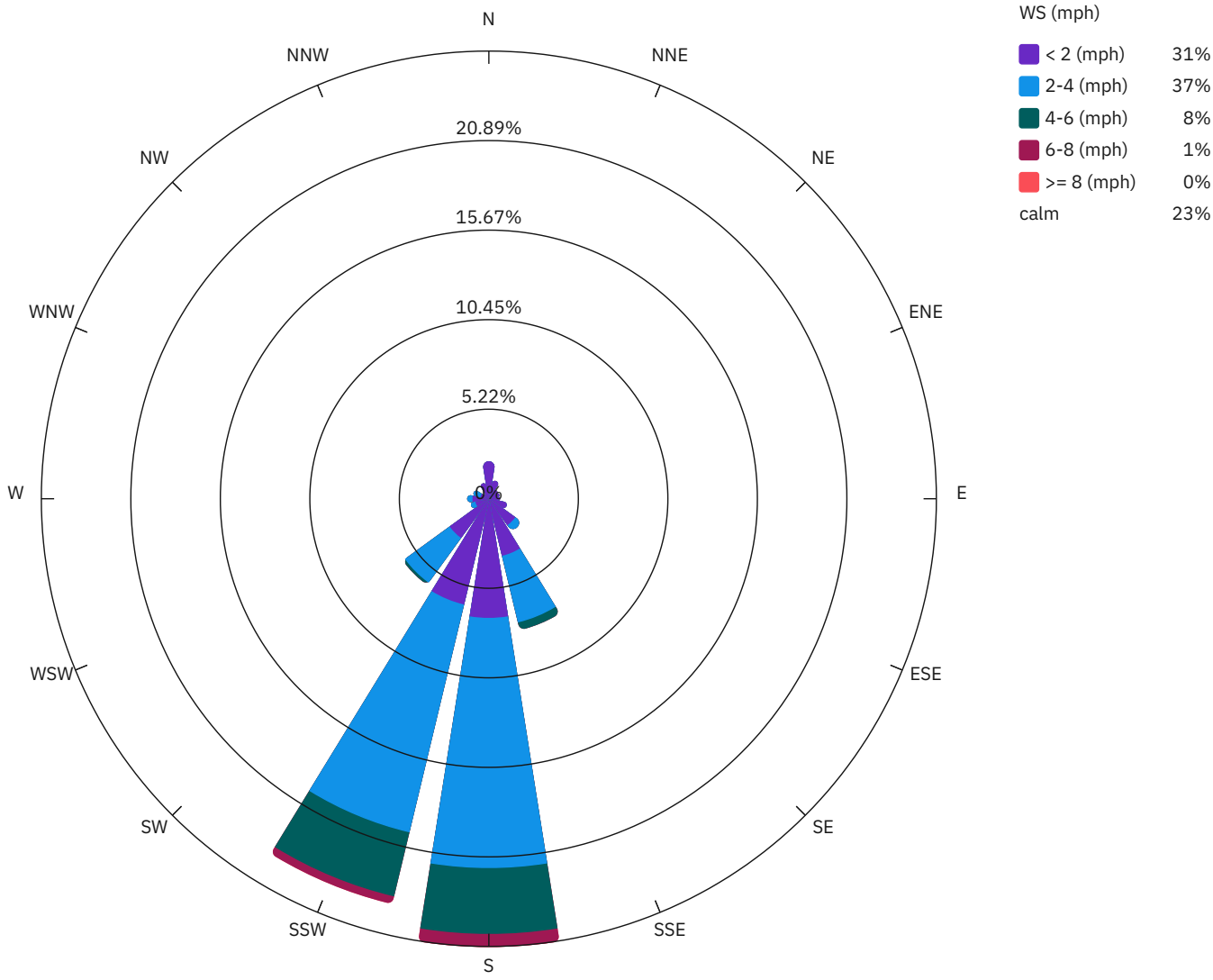
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 4/10/2025	-32.1	13:00	-0.0027	07:15
Max Contribution (15 min avg.) - 4/10/2025	70.3	07:30	0.0187	07:30







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
4/10/2025 07:00:00	35.9	19.8	-16.0	0.0000	0.0000	0.0000	0.5	SE
4/10/2025 07:15:00	27.5	25.0	-2.6	0.0093	0.0067	-0.0027	0.5	SE
4/10/2025 07:30:00	36.4	106.7	70.3	0.0267	0.0453	0.0187	0.5	SE
4/10/2025 07:45:00	36.4	67.2	30.7	0.0233	0.0387	0.0153	0.3	SSE
4/10/2025 08:00:00	26.7	16.2	-10.5	0.0167	0.0160	-0.0007	0.3	SSE
4/10/2025 08:15:00	13.8	12.7	-1.2	0.0040	0.0093	0.0053	0.4	SSE
4/10/2025 08:30:00	23.2	10.2	-13.0	0.0060	0.0053	-0.0007	0.4	SSE
4/10/2025 08:45:00	15.4	15.5	0.1	0.0073	0.0120	0.0047	0.5	SSW
4/10/2025 09:00:00	13.0	17.5	4.6	0.0040	0.0040	0.0000	0.2	SSW
4/10/2025 09:15:00	19.4	38.8	19.5	0.0080	0.0113	0.0033	0.5	SE
4/10/2025 09:30:00	37.5	32.2	-5.3	0.0047	0.0060	0.0013	0.3	S
4/10/2025 09:45:00	15.0	19.7	4.7	0.0020	0.0033	0.0013	1.2	S
4/10/2025 10:00:00	18.8	13.9	-4.9	0.0027	0.0073	0.0047	0.5	SW
4/10/2025 10:15:00	12.8	12.8	0.0	0.0033	0.0073	0.0040	1.6	S
4/10/2025 10:30:00	12.5	22.7	10.2	0.0027	0.0087	0.0060	2.4	SSW
4/10/2025 10:45:00	13.8	10.3	-3.5	0.0000	0.0000	0.0000	2.3	SSW
4/10/2025 11:00:00	18.3	20.7	2.4	0.0007	0.0007	0.0000	2.1	S
4/10/2025 11:15:00	19.9	7.9	-12.0	0.0000	0.0000	0.0000	2.8	S
4/10/2025 11:30:00	32.1	8.5	-23.5	0.0020	0.0000	-0.0020	3.2	SSW
4/10/2025 11:45:00	39.4	8.0	-31.5	0.0033	0.0007	-0.0027	2.4	S
4/10/2025 12:00:00	32.0	54.0	21.9	0.0000	0.0007	0.0007	2.2	S
4/10/2025 12:15:00	19.1	15.1	-4.0	0.0000	0.0007	0.0007	3.7	SSW
4/10/2025 12:30:00	18.0	14.2	-3.8	0.0000	0.0033	0.0033	2.7	S
4/10/2025 12:45:00	39.8	13.7	-26.1	0.0000	0.0140	0.0140	4.3	S
4/10/2025 13:00:00	42.4	10.4	-32.1	0.0013	0.0153	0.0140	3.5	S
4/10/2025 13:15:00	27.8	28.3	0.5	0.0000	0.0040	0.0040	4.3	SSW
4/10/2025 13:30:00	31.3	9.9	-21.4	0.0000	0.0053	0.0053	4.3	SSW
4/10/2025 13:45:00	13.6	11.2	-2.4	0.0000	0.0093	0.0093	2.7	SSW
4/10/2025 14:00:00	10.8	9.6	-1.2	0.0000	0.0020	0.0020	2.8	SSW
4/10/2025 14:15:00	13.7	9.8	-3.8	0.0000	0.0033	0.0033	1.6	S
4/10/2025 14:30:00	14.3	11.7	-2.6	0.0000	0.0000	0.0000	1.8	SSW
4/10/2025 14:45:00	12.1	8.9	-3.1	0.0000	0.0000	0.0000	2.0	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
4/10/2025 15:00:00	11.5	9.5	-2.0	0.0000	0.0000	0.0000	1.8	S
4/10/2025 15:15:00	15.2	8.6	-6.6	0.0027	0.0000	-0.0027	2.3	SSW
4/10/2025 15:30:00	10.6	9.9	-0.7	0.0000	0.0000	0.0000	2.1	SSW
4/10/2025 15:45:00	9.1	8.8	-0.3	0.0000	0.0000	0.0000	1.6	SSW
4/10/2025 16:00:00	13.7	8.1	-5.5	0.0000	0.0000	0.0000	1.8	S
4/10/2025 16:15:00	11.6	15.8	4.2	0.0000	0.0000	0.0000	1.7	S
4/10/2025 16:30:00	8.3	7.4	-0.9	0.0000	0.0000	0.0000	1.9	S
4/10/2025 16:45:00	7.9	10.9	3.0	0.0000	0.0000	0.0000	2.6	S
4/10/2025 17:00:00	7.1	6.8	-0.3	0.0007	0.0007	0.0000	2.1	S
4/10/2025 17:15:00	10.6	15.7	5.1	0.0040	0.0033	-0.0007	0.2	S
4/10/2025 17:30:00	14.9	16.0	1.2	0.0047	0.0047	0.0000	0.5	ENE
4/10/2025 17:45:00	7.1	8.1	0.9	0.0007	0.0007	0.0000	0.5	SE