

DAILY STATUS REPORT

Prepared By: Alex Carter

WEATHER	Snow		Rain	X	Overcast		Partly Cloudy		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:	05/23/2025
NYSDEC BCP Site No:	C224353	NYCOER Site No.:	<u>Lot 1:</u> 23TMP1319K / 23EHAN210K <u>Lot 100:</u> 25TMP1084K, 25EHAN206K	Time:	06:15 – 17:45

Consultant:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

PERSONNEL ON SITE:

Langan: Alex Carter (Environmental), Ravi Gadhi (Geotechnical)
Monadnock: Seamus Lavin (Superintendent)
United Concrete: Claudio Cappiello, Miguel Flores and laborers
RYC Turbos: Ronan Cooke and crew
Morris-Shea: Crew
American Dewatering Group: 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 non-hazardous material for off-Site disposal to Clean Earth of New Castle.
 - United excavated an approximately 50-foot-long by 30-foot-wide area between 4 and up to 11.5 feet bgs in disposal grids WC36D and WC36E. No staining, odors, or elevated PID readings were observed during excavation. All excavated material was loaded for off-Site disposal to Clean Earth of New Castle in New Castle, DE.
- United removed 20 truckloads of non-hazardous material from stockpile ST-45, originally excavated from disposal grids WC35F, WC37F, WC38C, WC38D, WC38E, WC 39C, WC39D, WC39E, WC40C, WC40D, WC40E, WC43, WC57, and WC58 in the southern portion of the Site, for off-Site disposal to Clean Earth of Carteret.
- American Dewatering Grouting (ADG) continued drilling dewatering wells in the northwestern portion of the site. ADG created a soil berm and placed filter fabric to collect water and any cuttings. The accumulated water was left to evaporate overnight.
- 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-42 in the southern portion of the Site. Stockpile ST-42 was covered with polyethylene sheeting at the end of the day.
- Morris-Shea continued mobilizing equipment to the Site.

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 to excavate in the southern portion of the Site.
- RYC Turbos will continue installing the SOE along the southwestern portion of the Site.
- ADG will continue installation of the dewatering wells in the northwestern 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.
- ADG will continue installation of the dewatering wells.
- Morris-Shea will begin 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	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:	0	0	0	0	---	---	---	---	---	---
Total:	6	120	1	20	---	---	---	---	---	---
Approved Quantity:	---	3,000	---	3,000	---	---	---	---	---	---

Note: 20 cubic yards assumed per truckload

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	20	400	30	600
Total:	175	3,500	51	1,020	717	14,340	101	2,020	617	12,340
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

Photo Log

Photo 1 – United loading material from stockpile ST-45 for off-Site disposal to Clean Earth Carteret, facing east.



Photo 2 – ADG installing a dewatering well in the northwestern portion of the Site, facing north.



Photo 3 – RYC Turbos installing the secant pile wall along the southwestern boundary of the Site for the construction of the SOE, facing south.

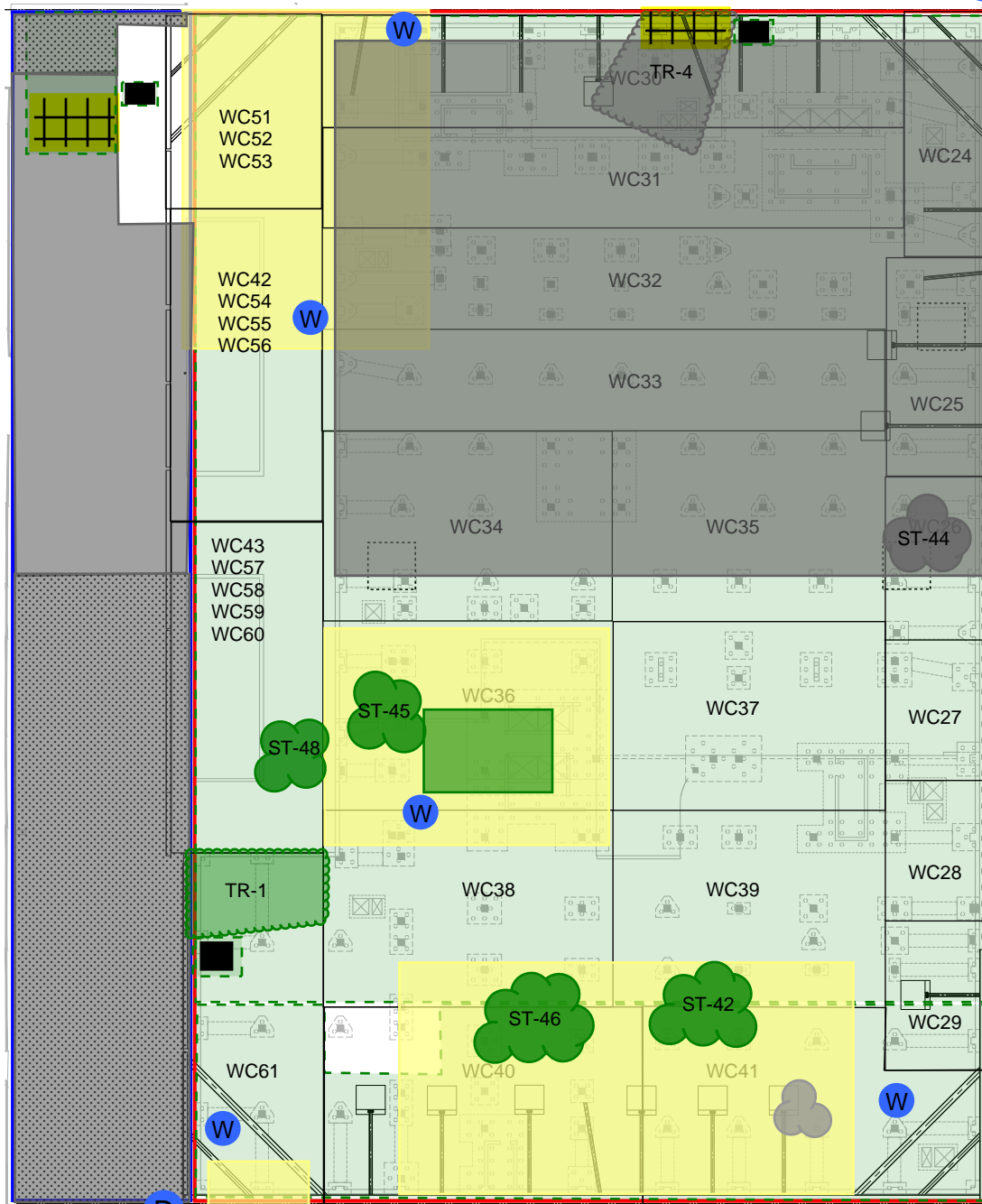


Photo 4 – General Site conditions in the southern portion of the Site, facing north.



SITE MAP

U



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

- Work Zone Air Monitoring Station
- Downwind Perimeter Air Monitoring Station
- Upwind Perimeter Air Monitoring Station
- Work Area
- Soil Stockpile
- Clean Stone Stockpile
- Asphalt Stockpile
- Concrete Stockpile
- Truck Ramp

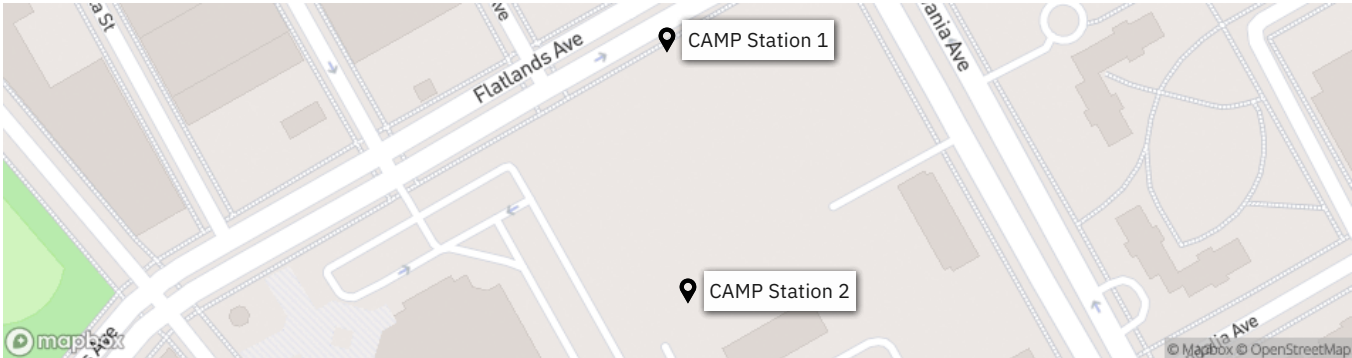
NOTES

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-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.
5. Stockpile ST-44 contains imported 1.5-inch clean stone from Braen Stone of Sparta in Lafayette, NJ.
6. Truck Ramp TR-4 contains imported DGA from Braen Stone of Sparta in Lafayette, NJ.
7. Stockpile ST-45 contains non-hazardous material excavated from disposal grids WC35F, WC37F, WC38C, WC38D, WC38E, WC39C, WC39D, WC39E, WC40C, WC40D, WC40E, WC43, WC57, and WC58 in the western, central, and southern portions of the Site for off-Site disposal to Clean Earth Carteret.
8. Stockpile ST-46 contains non-hazardous material excavated from disposal grids WC35F, WC37F, WC38C, WC38D, WC38E, WC39C, WC39D, WC39E, WC40C, WC40D, WC40E, WC43, WC57, and WC58 in the western, central, and southern portions of the Site for off-Site disposal to Clean Earth Carteret.
9. Stockpile ST-48 contains non-hazardous material excavated from disposal grids WC43 and WC57 in the southern portion of the Site for off-Site disposal to Clean Earth Carteret.

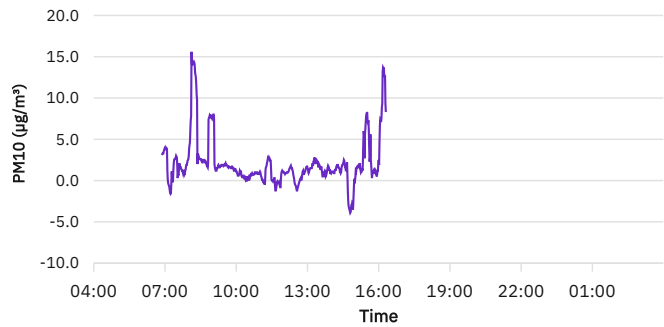
<div> <div>LANGAN</div> </div>	<div>Site Contribution Report - CCC Phase 1B</div> <div>- 1 Report</div>	100688803 - CCC - Phase 1B	
		Report Period	
		From:	5/23/2025 00:00
		To:	5/23/2025 23:59
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Windspeed (mph)	Prevailing wind direction
5/23/2025	47.3-63.7	47.3-80.5	29.7-30.2	0.3-5.5	SW

Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 5/23/2025	-3.3	14:45	-0.0100	07:00
Max Contribution (15 min avg.) - 5/23/2025	14.0	08:15	0.0200	08:45

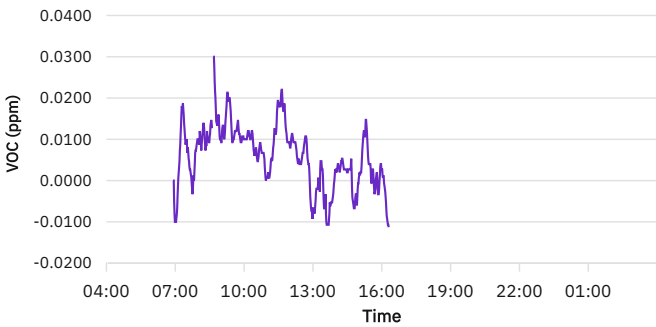


PM10 Average Contribution (µg/m³)



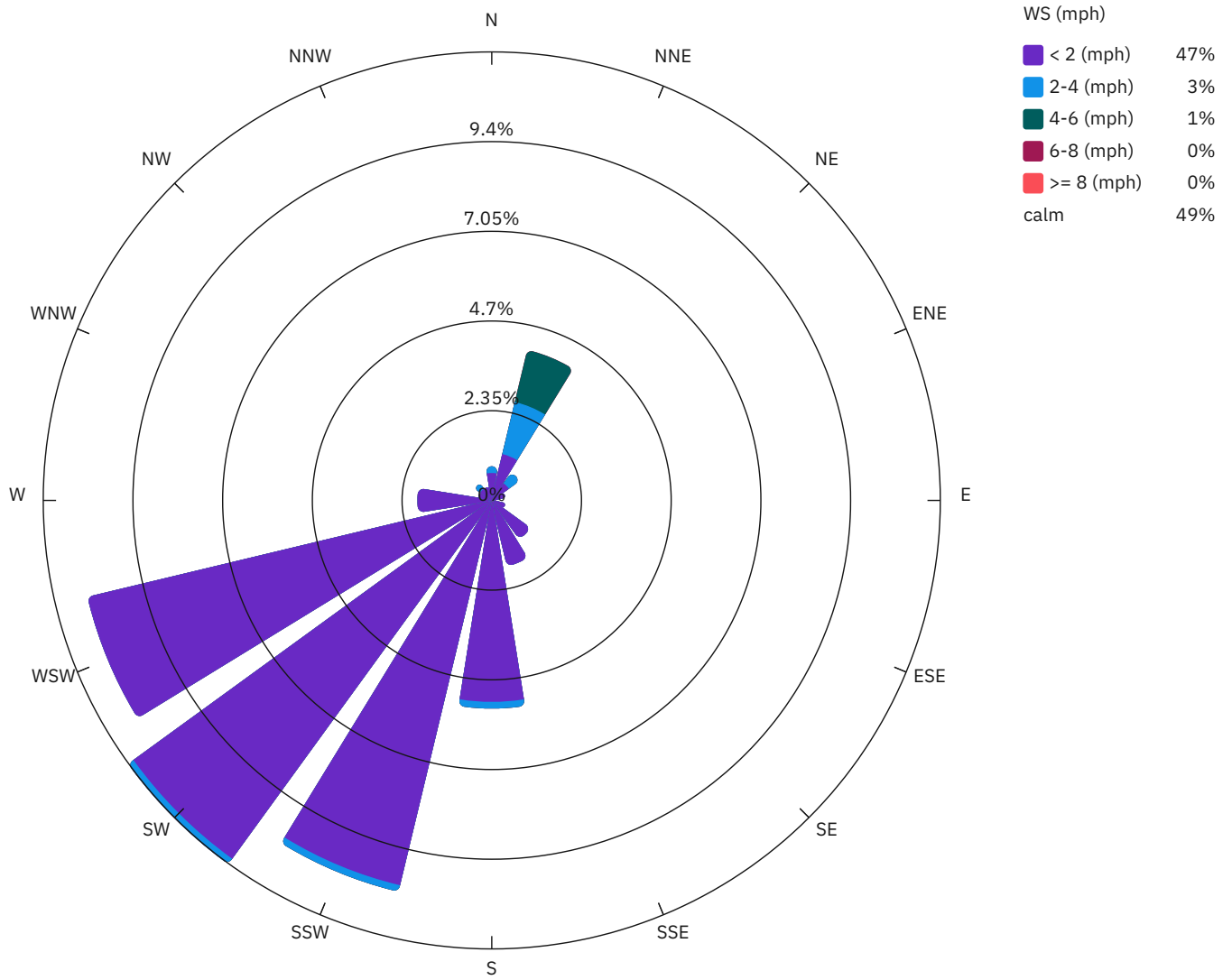
● PM10 Average Contribution (µg/m³)

VOC Average Contribution (ppm)



● VOC Average Contribution (ppm)

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
5/23/2025 07:00:00	6.1	10.2	4.0	0.0100	0.0000	-0.0100	0.9	N
5/23/2025 07:15:00	7.9	6.5	-1.5	0.0047	0.0180	0.0133	0.5	N
5/23/2025 07:30:00	5.9	8.6	2.8	0.0100	0.0200	0.0100	0.6	WSW
5/23/2025 07:45:00	3.0	4.0	1.0	0.0080	0.0047	-0.0033	0.8	WSW
5/23/2025 08:00:00	2.0	4.9	3.0	0.0027	0.0127	0.0100	0.7	WSW
5/23/2025 08:15:00	2.9	16.8	14.0	0.0047	0.0180	0.0133	0.8	WSW
5/23/2025 08:30:00	2.2	4.8	2.6	0.0040	0.0147	0.0107	1.0	WSW
5/23/2025 08:45:00	2.9	4.9	1.9	0.0000	0.0200	0.0200	0.8	WSW
5/23/2025 09:00:00	6.1	13.8	7.7	0.0013	0.0107	0.0093	1.0	SW
5/23/2025 09:15:00	4.1	6.0	1.9	0.0000	0.0200	0.0200	1.0	SW
5/23/2025 09:30:00	3.4	5.2	1.8	0.0000	0.0093	0.0093	1.0	SW
5/23/2025 09:45:00	4.4	6.0	1.6	0.0000	0.0133	0.0133	1.1	SW
5/23/2025 10:00:00	3.0	4.1	1.1	0.0000	0.0100	0.0100	1.1	SW
5/23/2025 10:15:00	5.0	5.4	0.4	0.0020	0.0127	0.0107	1.1	WSW
5/23/2025 10:30:00	2.5	2.9	0.3	0.0007	0.0080	0.0073	0.9	WSW
5/23/2025 10:45:00	2.2	2.9	0.8	0.0000	0.0073	0.0073	0.9	SW
5/23/2025 11:00:00	1.2	2.3	1.1	0.0040	0.0047	0.0007	1.0	SW
5/23/2025 11:15:00	3.2	4.8	1.6	0.0000	0.0067	0.0067	0.9	SW
5/23/2025 11:30:00	3.9	3.8	0.0	0.0000	0.0180	0.0180	0.9	SW
5/23/2025 11:45:00	5.0	4.8	-0.2	0.0000	0.0187	0.0187	1.0	SW
5/23/2025 12:00:00	3.3	4.4	1.0	0.0000	0.0080	0.0080	1.0	SW
5/23/2025 12:15:00	3.3	4.8	1.5	0.0000	0.0087	0.0087	1.2	SSW
5/23/2025 12:30:00	6.2	5.6	-0.6	0.0000	0.0047	0.0047	1.0	SW
5/23/2025 12:45:00	5.6	5.8	0.1	0.0020	0.0087	0.0067	1.0	SW
5/23/2025 13:00:00	4.0	5.5	1.5	0.0147	0.0080	-0.0067	0.7	SSW
5/23/2025 13:15:00	2.2	4.5	2.3	0.0033	0.0027	-0.0007	0.6	SW
5/23/2025 13:30:00	2.2	4.2	1.9	0.0173	0.0107	-0.0067	0.7	SSW
5/23/2025 13:45:00	3.3	4.1	0.9	0.0080	0.0020	-0.0060	0.8	SSW
5/23/2025 14:00:00	4.0	4.9	0.9	0.0013	0.0040	0.0027	0.3	SSW
5/23/2025 14:15:00	3.4	5.1	1.7	0.0000	0.0047	0.0047	1.0	SSW
5/23/2025 14:30:00	3.4	5.5	2.1	0.0000	0.0020	0.0020	0.7	SSW
5/23/2025 14:45:00	9.2	5.9	-3.3	0.0093	0.0040	-0.0053	0.6	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
5/23/2025 15:00:00	3.6	3.7	0.0	0.0033	0.0040	0.0007	0.8	SSW
5/23/2025 15:15:00	5.1	6.1	1.0	0.0020	0.0127	0.0107	0.5	SSW
5/23/2025 15:30:00	7.0	15.3	8.2	0.0013	0.0053	0.0040	0.2	SE
5/23/2025 15:45:00	3.5	4.6	1.1	0.0073	0.0080	0.0007	0.4	S
5/23/2025 16:00:00	3.9	6.4	2.5	0.0007	0.0033	0.0027	0.7	S
5/23/2025 16:15:00	7.8	20.4	12.6	0.0100	0.0000	-0.0100	3.4	NNE