

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:	04/14/2025
NYSDEC BCP Site No:	C224353	NYCOER Site No.:	Lot 1: 23TMP1319K / 23EHAN210K Lot 100: 25TMP1084K, 25EHAN206K	Time:	06:15 – 17:00

Consultant:

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

PERSONNEL ON SITE:

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 1 truckload of hazardous material from stockpile ST-9, originally generated from disposal grids WC30E and WC31E in the northern portion of the Site, for off-Site disposal to Clean Earth North Jersey in Kearney, NJ.
- United removed 34 truckloads of non-hazardous material for off-Site disposal to Clean Earth Carteret in Carteret, NJ.
 - United excavated an approximately 65-foot long by 30-foot wide area from between 0 and up to 2 feet below ground surface (bgs) in disposal grid WC30D in the northeastern portion of the Site. No staining, odors, or elevated PID readings were observed during excavation. All excavated material was loaded for off-Site disposal to Clean Earth Carteret in Carteret, NJ.
 - United excavated an approximately 85-foot long by 60-foot wide area from between 0 and up to 3 feet bgs in disposal grids WC31D and WC32D in the northeastern portion of the Site. No staining, odors, or elevated PID readings were observed during excavation. All excavated material was loaded for off-Site disposal to Clean Earth Carteret in Carteret, NJ.
- United removed 15 truckloads of non-hazardous material for off-Site disposal to Clean Earth Philadelphia in Philadelphia, PA.
 - United excavated an approximately 60-foot long by 25-foot wide area from between 0 and up to 4 feet bgs in disposal grid WC24 in the northeastern portion of the Site. No staining, odors, or elevated PID readings were observed during excavation. All excavated material was loaded for off-Site disposal to Clean Earth Philadelphia in Philadelphia, PA.
- United excavated an approximately 50-foot long area by 20-foot wide area from between 1 and up to 3 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 added to stockpile ST-9 in the central portion of the Site for future off-Site disposal. Stockpile ST-9 was covered with polyethylene sheeting at the end of the day.

BCP Site Activities (Continued)

- United excavated an approximately 30-foot-long area by 20-foot-wide area from between 0 and up to 2 feet bgs in disposal grid WC30D 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-16 in the central portion of the Site for future off-Site disposal. Stockpile ST-16 was covered with polyethylene sheeting at the end of the day.
- United excavated an approximately 80-foot-long area by 50-foot-wide area from between 0 and up to 3 feet bgs in disposal grids WC33B and WC35B 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-17 in the central portion of the Site for future off-Site disposal. Stockpile ST-17 was covered with polyethylene sheeting at the end of the day.
- United excavated an approximately 65-foot-long by 25-foot-wide area from between 0 and up to 3 feet bgs in disposal grids WC24 and WC25 in the northeastern portion of the Site. No staining, odors, or elevated PID readings were observed during excavation. All excavated material was staged on polyethylene sheeting as 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.
- 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 southern boundary of the Site for the construction of the SOE.

Lot 100 Site Activities

- United began constructing a truck wash station in the northern portion of Lot 100.
 - United excavated an approximately 55-foot-long by 30-foot-wide area between 0 and up to 3 feet bgs in the northern portion of Lot 100 for the construction of a truck wash station. No staining, odors, or elevated PID readings were observed during excavation. All excavated material was staged on polyethylene sheeting as stockpile ST-19 for future off-Site disposal. The truck wash station was sloped to the northeastern portion of the excavation area for the collection of wash water.
 - United excavated one approximately 10-foot-long by 5-foot-wide area from between 0 and 7 feet bgs in the northern portion of Lot 100 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 material was added to stockpile ST-19 for future off-Site disposal. Stockpile ST-19 was covered with polyethylene sheeting at the end of the day. United placed the settling tank for the truck wash within this excavation.

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 import material to the Site.
- United will continue excavating in the northeastern 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.

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

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:	15	300	0	0	0	0	8	160	0	0
Total:	85	1,700	20	400	394	7,880	71	1,420	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	1	20
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	26	520	---	---
Total:	2	40	0	0	0	0	52	1,040	---	---

Note: 20 cubic yards assumed per truckload

Photo Log

Photo 1 – United loading non-hazardous material from the eastern portion of the Site for off-Site disposal to Clean Earth Philadelphia, facing north.



Photo 2 – United excavating in the eastern portion of the Site, facing east.



Photo 3 – United excavating in the central portion of the Site, facing south.



Photo 4 – RYC Turbos installing the soil mix wall in the southern portion of the Site, facing southeast.



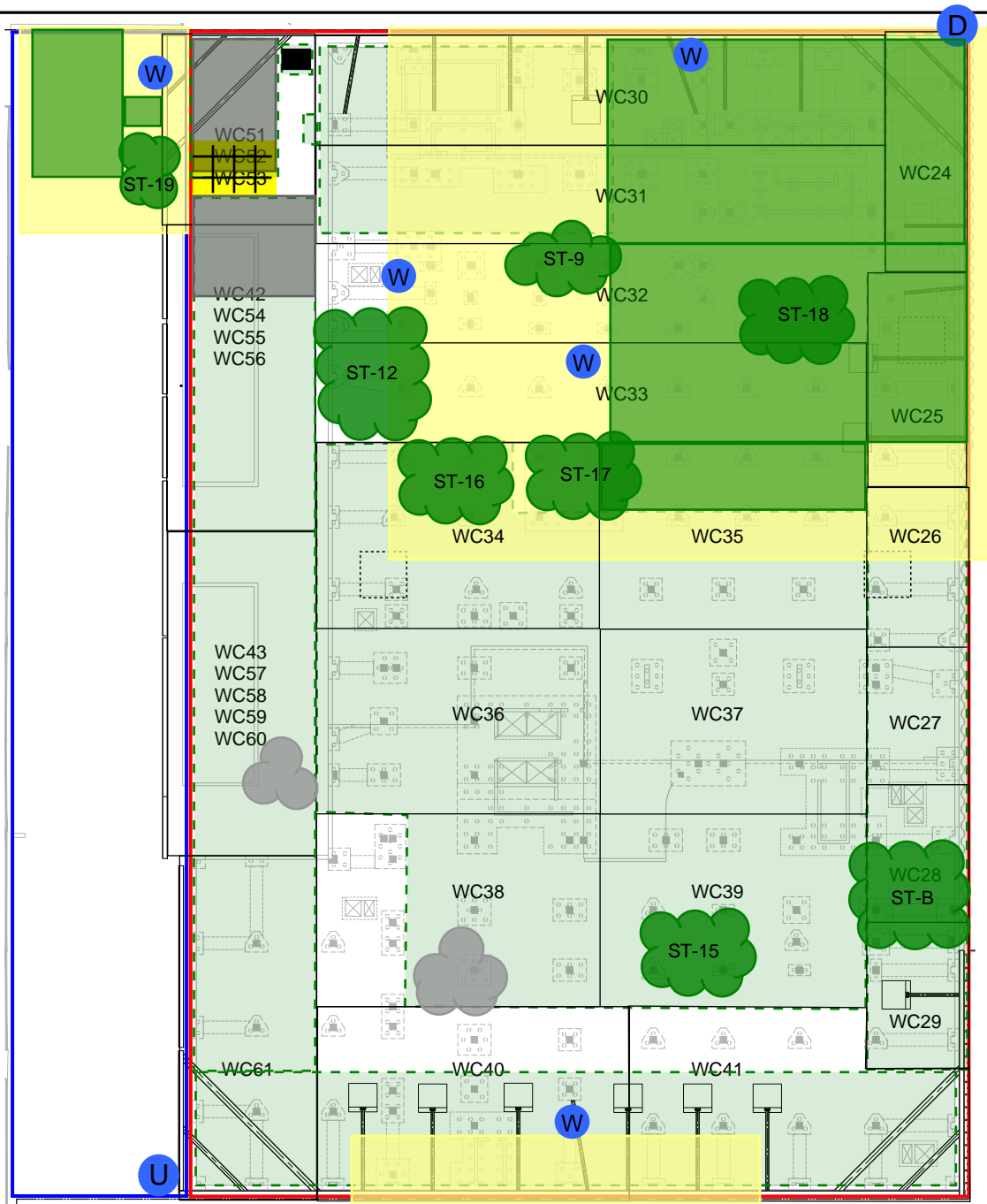
Photo 5 – United excavating in the northern portion of Lot 100 for the construction of a truck wash station, facing northwest.



Photo 6 – View of the truck wash water collection and settling tank placed within the excavated area in the northern portion of Lot 100, facing southeast.



SITE MAP



Approximate and Not to Scale

LEGEND

	12074 Flatlands Avenue Site Boundary (BCP Site No. C224353)		Work Zone Air Monitoring Station
	Lot 100 Site Boundary (NYCOER Site No. 25TMP1084K)		Downwind Perimeter Air Monitoring Station
	Disposal Grids		Upwind Perimeter Air Monitoring Station
	RAWP Hotspot Areas		Work Area
	Excavation Completed Today		Soil Stockpile
	Excavation Previously Completed		Clean Stone Stockpile
	Concrete Poured		Asphalt Stockpile
	Clean Stone		Concrete Stockpile
	FODS Trackout		
	Settling Tank for Truck Wash Station		
	Area Graded Today		

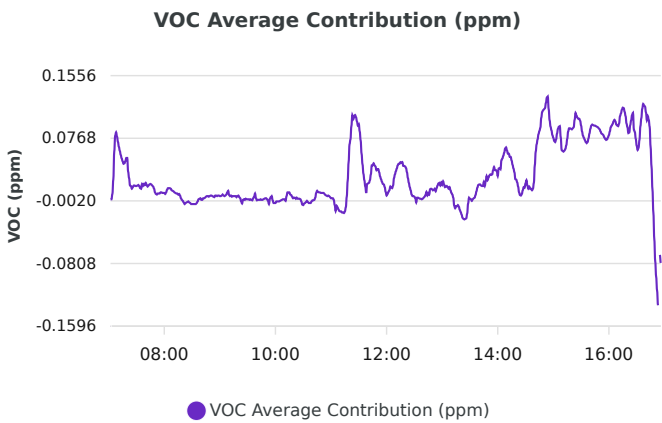
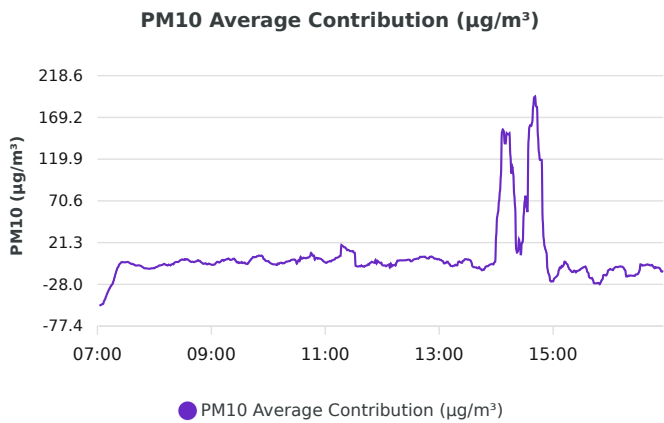
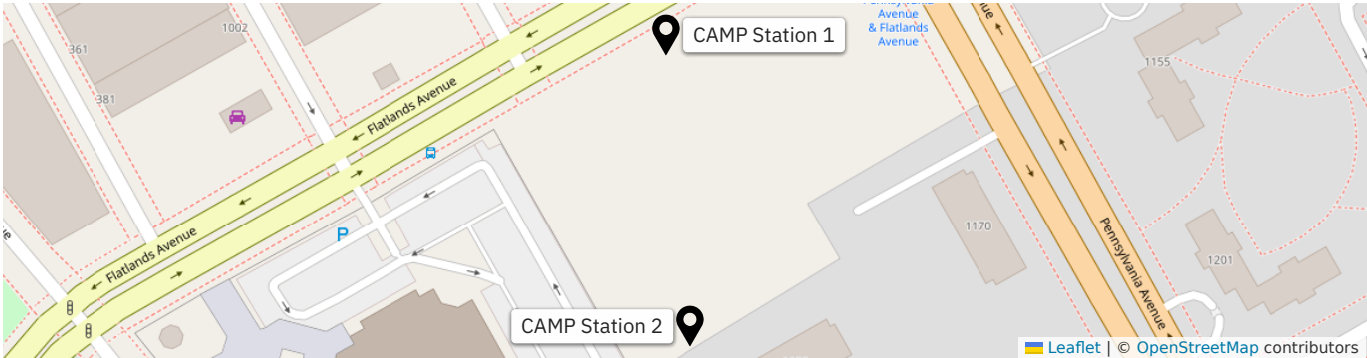
NOTES

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, WC31E, and WC32E in the northern portion of the Site for future off-Site disposal to Clean Earth North Jersey.
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-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.
7. 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.
8. Stockpile ST-17 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.
9. 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.
10. Stockpile ST-19 contains non-hazardous material excavated in the northern portion of Lot 100 for future off-Site disposal.

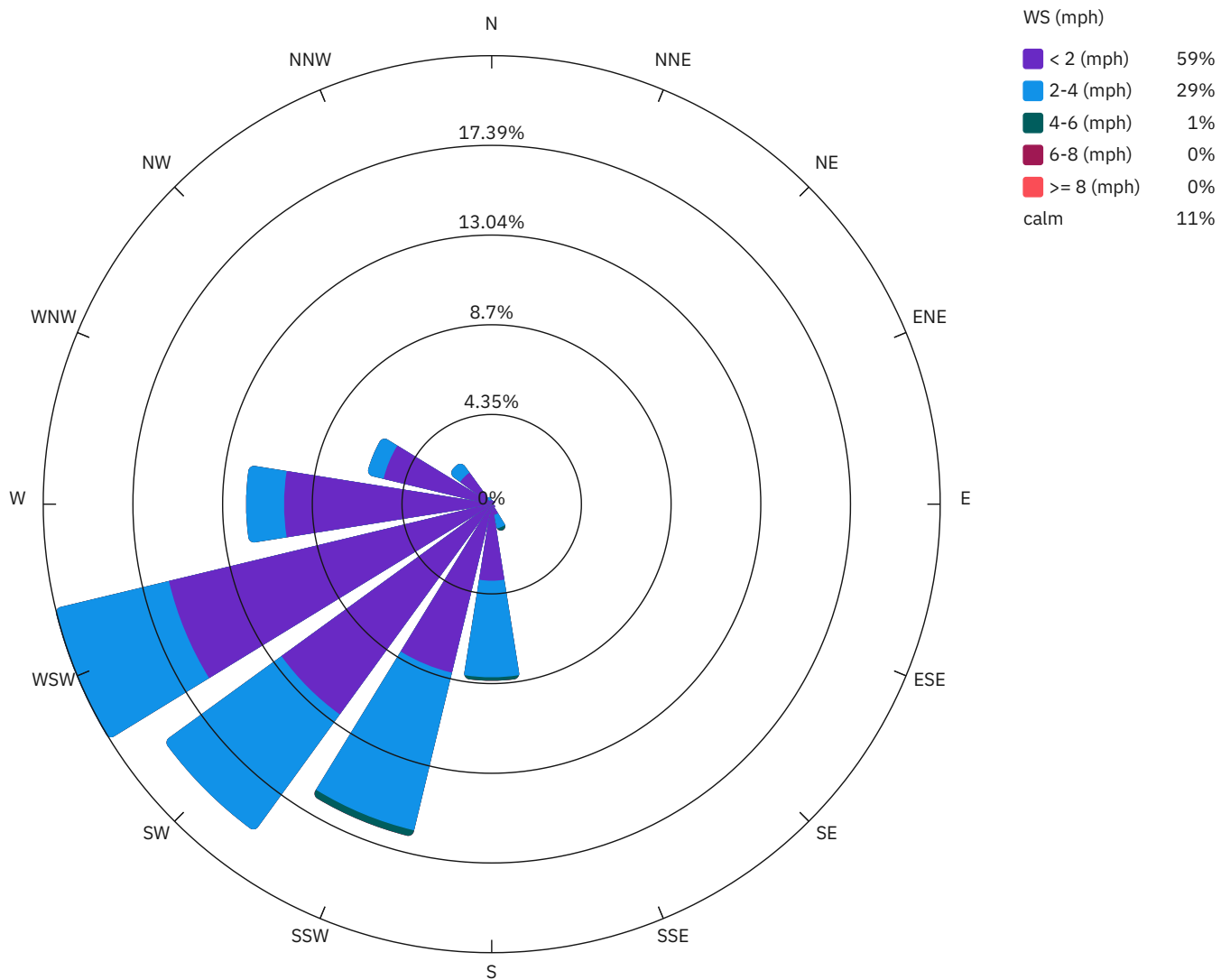
LANGAN	Site Contribution Report - CCC Phase 1B - 1 Report	100688803 - CCC - Phase 1B	
		Report Period	
		From:	4/14/2025 07:00
		To:	4/14/2025 19:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Windspeed (mph)	Prevailing wind direction
4/14/2025	43.5-67.1	30-58	29.7-29.9	0.4-5.3	SW

Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 4/14/2025	-28.7	07:15	-0.0153	11:15
Max Contribution (15 min avg.) - 4/14/2025	128.4	14:45	0.1153	16:15



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
4/14/2025 07:00:00	34.3	8.4	-25.9				0.9	SSW
4/14/2025 07:15:00	39.5	10.8	-28.7	0.0114	0.0593	0.0479	0.9	SW
4/14/2025 07:30:00	13.9	12.0	-1.9	0.0300	0.0467	0.0167	1.2	WSW
4/14/2025 07:45:00	14.5	8.6	-5.9	0.0200	0.0393	0.0193	1.3	WSW
4/14/2025 08:00:00	20.2	11.2	-9.0	0.0167	0.0247	0.0080	2.2	WSW
4/14/2025 08:15:00	19.8	15.0	-4.7	0.0180	0.0240	0.0060	1.8	WSW
4/14/2025 08:30:00	15.7	16.8	1.2	0.0287	0.0227	-0.0060	1.4	W
4/14/2025 08:45:00	15.3	15.0	-0.3	0.0233	0.0267	0.0033	1.5	W
4/14/2025 09:00:00	17.4	12.6	-4.8	0.0180	0.0220	0.0040	1.7	WSW
4/14/2025 09:15:00	15.2	16.2	1.0	0.0287	0.0327	0.0040	1.5	W
4/14/2025 09:30:00	18.5	16.2	-2.3	0.0227	0.0227	0.0000	1.8	W
4/14/2025 09:45:00	14.0	18.1	4.1	0.0240	0.0233	-0.0007	1.9	W
4/14/2025 10:00:00	16.2	15.6	-0.5	0.0187	0.0140	-0.0047	1.4	WNW
4/14/2025 10:15:00	16.4	13.0	-3.3	0.0120	0.0207	0.0087	1.3	WSW
4/14/2025 10:30:00	19.3	15.7	-3.6	0.0300	0.0227	-0.0073	1.2	W
4/14/2025 10:45:00	20.1	29.2	9.2	0.0147	0.0253	0.0107	1.3	WSW
4/14/2025 11:00:00	18.5	16.4	-2.2	0.0220	0.0233	0.0013	1.3	W
4/14/2025 11:15:00	15.4	20.7	5.3	0.0420	0.0267	-0.0153	1.3	W
4/14/2025 11:30:00	23.2	33.0	9.7	0.0420	0.1367	0.0947	1.2	WSW
4/14/2025 11:45:00	23.0	18.7	-4.4	0.0300	0.0727	0.0427	1.8	SW
4/14/2025 12:00:00	28.4	23.3	-5.2	0.0253	0.0300	0.0047	1.3	WSW
4/14/2025 12:15:00	13.3	11.0	-2.4	0.0113	0.0580	0.0467	1.3	SW
4/14/2025 12:30:00	15.2	14.6	-0.7	0.0280	0.0313	0.0033	1.4	SW
4/14/2025 12:45:00	13.2	17.9	4.7	0.0280	0.0360	0.0080	1.6	SW
4/14/2025 13:00:00	15.9	17.6	1.7	0.0313	0.0493	0.0180	1.3	SW
4/14/2025 13:15:00	17.2	11.2	-6.0	0.0540	0.0453	-0.0087	2.0	SSW
4/14/2025 13:30:00	13.5	14.6	1.1	0.0373	0.0380	0.0007	2.0	SSW
4/14/2025 13:45:00	20.5	9.1	-11.4	0.0213	0.0433	0.0220	1.8	SSW
4/14/2025 14:00:00	14.6	44.3	29.7	0.0273	0.0567	0.0293	1.8	SW
4/14/2025 14:15:00	54.2	178.2	124.0	0.0300	0.0787	0.0487	1.5	SW
4/14/2025 14:30:00	52.3	122.1	69.8	0.0313	0.0513	0.0200	1.3	SSW
4/14/2025 14:45:00	19.5	147.9	128.4	0.0253	0.1113	0.0860	1.5	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
4/14/2025 15:00:00	34.6	10.1	-24.5	0.0140	0.0913	0.0773	2.0	SSW
4/14/2025 15:15:00	24.3	20.0	-4.3	0.0273	0.1033	0.0760	1.9	SSW
4/14/2025 15:30:00	17.5	8.3	-9.2	0.0053	0.0980	0.0927	2.2	SSW
4/14/2025 15:45:00	35.0	8.2	-26.8	0.0073	0.1000	0.0927	2.4	SSW
4/14/2025 16:00:00	15.1	5.3	-9.8	0.0047	0.0853	0.0807	2.8	SSW
4/14/2025 16:15:00	15.1	5.1	-10.0	0.0360	0.1513	0.1153	1.6	SSW
4/14/2025 16:30:00	21.0	6.5	-14.5	0.0480	0.1153	0.0673	1.2	SSW
4/14/2025 16:45:00	11.9	5.6	-6.3	0.0833	0.1493	0.0660	1.6	SSW