LANGAN

## DAILY STATUS REPORT

Prepared By: Daniel Horvath

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

| Langan Project No: | 100688803 | Project: | 12074 Flatlands Avenue p/o Lot 1 | Date: | 04/29/2025 |
|---|---|---|---|---|---|
| NYSDEC BCP Site No: | C224353 | NYCOER Site No.: | Lot 1: 23TMP1319K / 23EHAN210K<br>Lot 100: 25TMP1084K, 25EHAN206K | Time: | 06:15 – 17:30 |

| **Consultant:** | **PERSONNEL ON SITE:** |
|---|---|
| Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. | **Langan:** Daniel Horvath (Environmental), Lakshman Dontha (Geotechnical)<br>**Monadnock:** Seamus Lavin (Superintendent)<br>**United Concrete:** Claudio Cappiello, Miguel Flores and laborers<br>**RYC Turbos:** Ronan Cooke & 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

***Site Activities***

*BCP Site Activities*

- Langan provided oversight during implementation of the 1 May 2024 RAWP.
- United Concrete (United) removed 31 truckloads of non-hazardous material for off-Site disposal to Clean Earth New Castle.
    - United removed 16 truckloads of material from stockpile ST-26, originally excavated from disposal grids WC33E, WC34E, WC35E, and WC36E in the central portion of the Site, for off-Site disposal to Clean Earth New Castle. Stockpile ST-26 is no longer present on-Site.
    - United removed 15 truckloads of material from stockpile ST-24, originally excavated from disposal grids WC35D and WC51E the northern portion of the Site, for off-Site disposal to Clean Earth New Castle. Stockpile ST-24 is no longer present on-Site.
- United removed 45 truckloads of non-hazardous material for off-Site disposal to Clean Earth Philadelphia.
    - United removed 25 truckloads of material from stockpile ST-27, originally excavated from disposal grids WC24 and WC25 in the western portion of the Site, for off-Site disposal to Clean Earth New Castle. Stockpile ST-27 is no longer present on-Site.
    - United excavated an 65-foot-long by 30-foot-wide area between 5 and up to 10.5 feet below ground surface (bgs) in disposal grids WC25 and WC26. No staining, odors, or elevated PID readings were observed during excavation. All excavated material was loaded for off-Site disposal to Clean Earth Philadelphia.
- United removed 6 truckloads of hazardous material from stockpile ST-29, originally excavated from disposal grids WC30F and WC31F in the northern portion of the Site, for off-Site disposal to Clean Earth of North Jersey.

*BCP Site Activities (continued)*

- United excavated an approximately 65-foot-long by 30-foot-wide area between 3 and up to 8 feet bgs in disposal grids WC30E and WC31E. Some staining and odors were observed, however no elevated PID readings were recorded during excavation. All excavated material was added to stockpile ST-28 in the northern portion of the Site. Stockpile ST-28 was covered with polyethylene sheeting at the end of the day.
- United excavated an 85-foot-long area ranging between 20- and 30-feet-wide between 3 and up to 9 feet bgs in disposal grids WC30E, WC31E, and WC32E. Some staining and odors were observed, however no elevated PID readings were recorded during excavation. All excavated material was staged as stockpile ST-30 in the central portion of the Site.
- United excavated an 60-foot-long by 85-foot-wide area between 9.5 and up to 14 feet bgs in disposal grid WC35F. Some staining and odors were observed, however no elevated PID readings were recorded during excavation. All excavated material was added to stockpile ST-30 in the central portion of the Site. Stockpile ST-30 was covered with polyethylene sheeting at the end of the day.
- RYC Turbos continued installing the soil mix wall along the northern and western boundaries of the Site for the construction of the Support of Excavation (SOE).

*Lot 100 Site Activities*

- United poured concrete in an approximately 20-foot-long by 30-foot-wide area in the northern portion of Lot 100 as an alternative stabilization measure.

***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 concentrations were detected in exceedance of the short-term exposure limit (STEL) at the downwind CAMP station.
    - Dust exceedances of the STEL at the downwind CAMP station are as follows.

| 4/29/2025 Dust Data | | | |
|---|---|---|---|
| | **mg/m³** | **Time** | **Comment** |
| *Exceedance of STEL:* | 0.170 | 9:00 | Elevated particulate concentrations and visible dust were observed due to a laborer using a grinder to cut ceramic tiles in the vicinity. The downwind station was moved away from the area. Dust was not observed to be migrating off-site. |
| *Exceedance of STEL:* | 0.243 | 9:15 | Elevated particulate concentrations and visible dust were observed due to a laborer using a grinder to cut ceramic tiles in the vicinity. The downwind station was moved away from the area. Dust was not observed to be migrating off-site. |

***Problems Encountered***

- None.

***Activities Scheduled for Next Day***

- United will continue to excavate in the northern and central portions of the Site.
- United will export material from the Site.
- RYC Turbos will continue installing the soil mix wall along the western boundary of the Site for the SOE.

***Two Week Outlook***

- United will excavate and export material from the northern and central 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.

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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 | 35 | 700 | 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:** | 6 | 120 | 1 | 20 | ---- | ---- | ---- | ---- | ---- | ---- |
| **Approved Quantity:** | ---- | 3,000 | ---- | 3,000 | ---- | ---- | ---- | ---- | ---- | ---- |

Note: 20 cubic yards assumed per truckload

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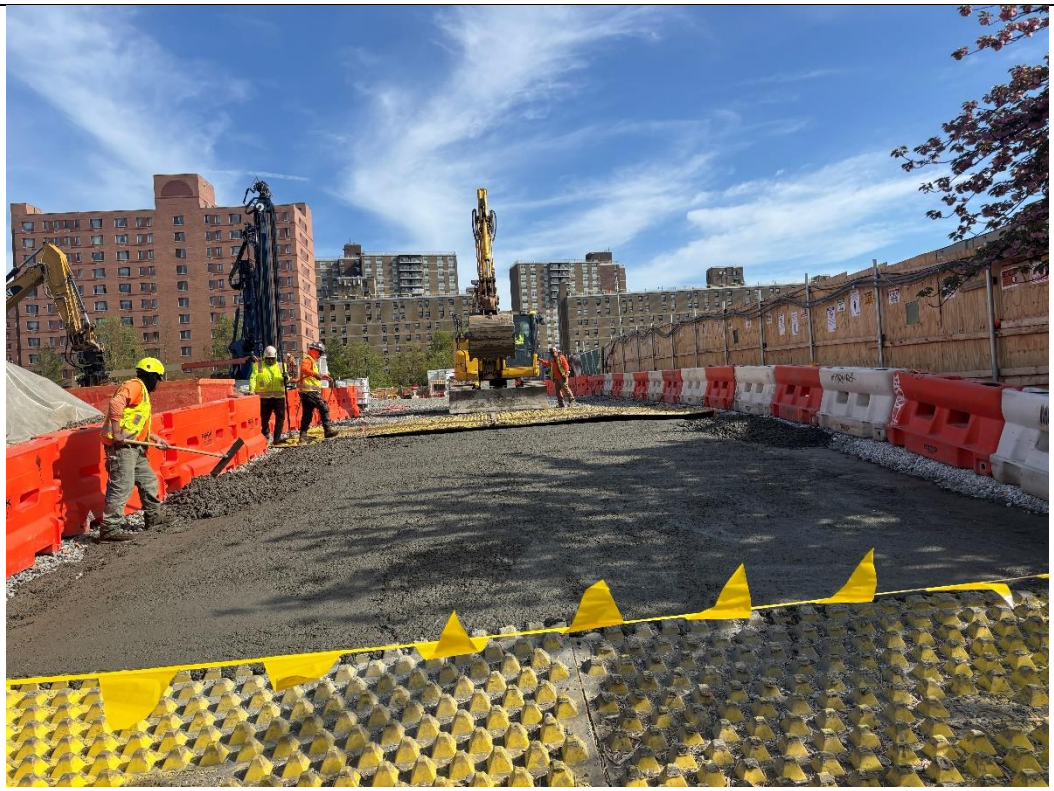
| Truck Count Log of Exported Material | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Facility/Material:** | Clean Earth Philadelphia Philadelphia, Pennsylvania Approval # 243100026 (7,000 tons) | | Clean Earth Carteret Carteret, New Jersey Approval #243070587 (4,000 tons) | | 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:** | 45 | 900 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 620 |
| **Total:** | 175 | 3,500 | 51 | 1,020 | 580 | 11,600 | 71 | 1,420 | 201 | 4,020 |
| **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 | 6 | 120 | 0 | 0 | 0 | 0 |
| **Total:** | 1 | 20 | 0 | 0 | 9 | 180 | 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 | 91 | 1,820 | ---- | ---- |

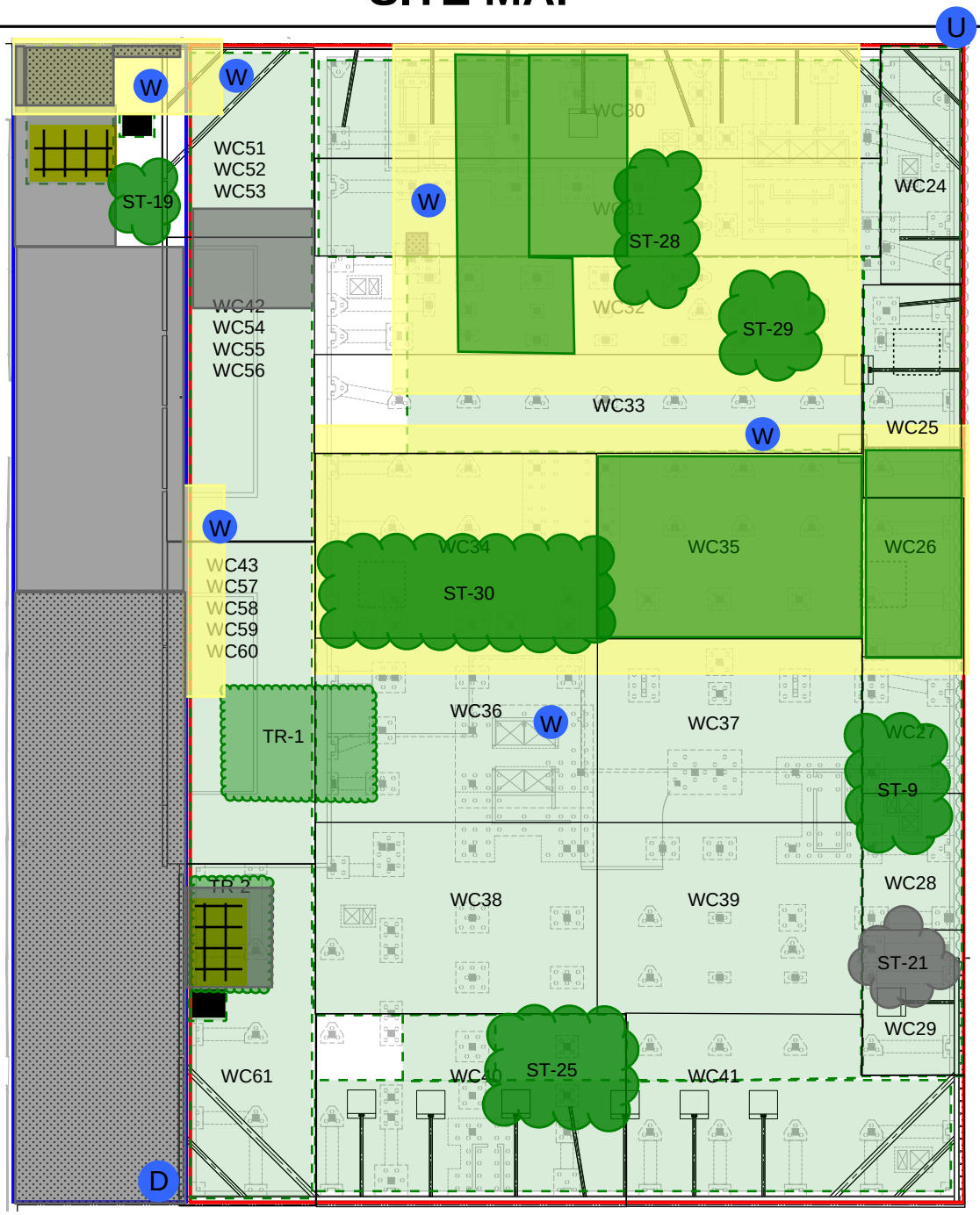
Note: 20 cubic yards assumed per truckload

## Photo Log

| | |
|---|---|
| Photo 1 – United loading hazardous material from stockpile ST-29 for off-Site disposal to Clean Earth of North Jersey, facing east. |  |
| Photo 2 – Excavation area in the northern portion of the Site, facing southeast. |  |

| | |
|---|---|
| Photo 3 – Excavation extents in the northeastern portion of the Site, facing north. |  |
| Photo 4 – Concrete poured in the northern portion of Lot 100, 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
- 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

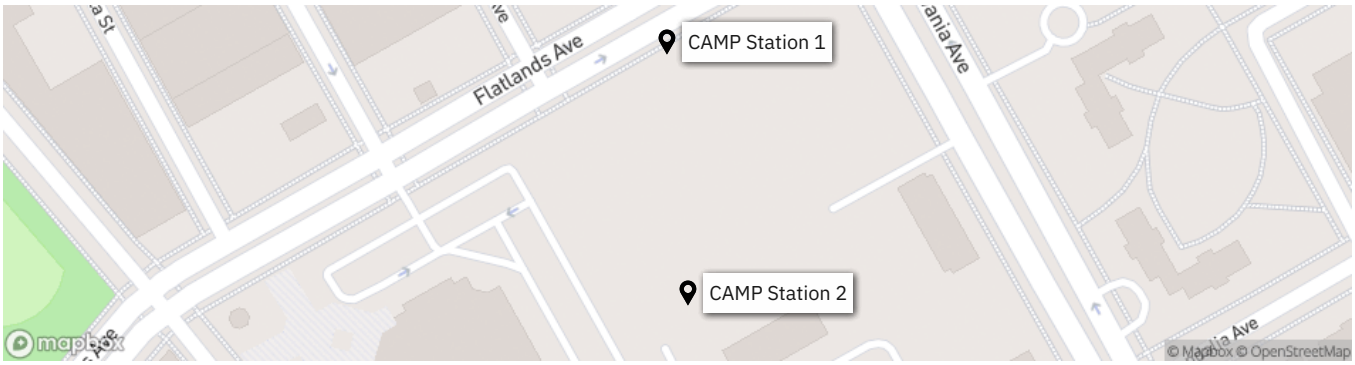
## NOTES

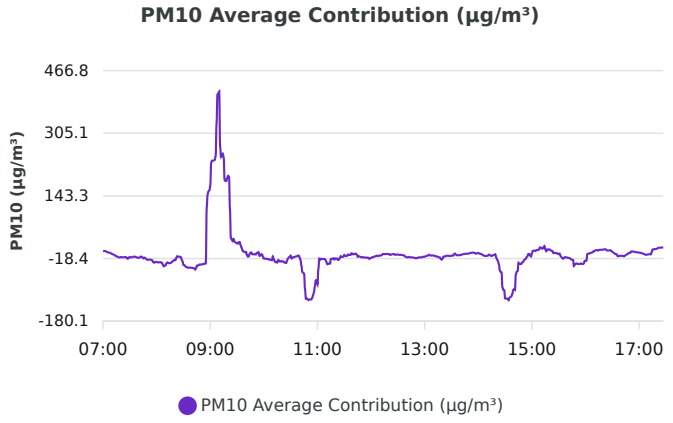
1. Basemap from the "Support of Excavation Plan" drawing prepared by Langan dated 3/3/2025.
2. Waste characterization grids are shown as presented in the Draft Disposal Map prepared by Clean Earth.
3. Stockpile ST-9 contains hazardous material excavated from disposal grids WC30E, WC31E, and WC33E in the northern portion of the Site for future off-Site disposal to Clean Earth Carteret.
4. Stockpile ST-19 contains non-hazardous material excavated in the northern portion of Lot 100 for future off-Site disposal.
5. 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).
6. Stockpile ST-25 contains non-hazardous material excavated from disposal grids WC38B, WC40AB, WC41AB, WC41C, and WC61B in the southern portion of the Site for off-Site disposal to Clean Earth Carteret.
7. 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.
8. Truck Ramp TR-2 contains non-hazardous material excavated from disposal grids WC61B, WC61C, WC61D, WC38B, and WC38C in the western portion of the Site for off-Site disposal to Clean Earth Carteret.
9. Stockpile ST-28 contains contains hazardous material excavated from disposal grid WC30F in the northern portion of the Site for off-Site disposal to Clean Earth of North Jersey.
10. Stockpile ST-29 contains hazardous material excavated from disposal grids WC30F and WC31F in the northern portion of the Site for off-Site disposal to Clean Earth of North Jersey.
11. Stockpile ST-30 contains non-hazardous material excavated from disposal grids WC30E, WC31E, WC32E, and WC35F in the northern portion of the Site for off-Site disposal to Clean Earth New Castle.

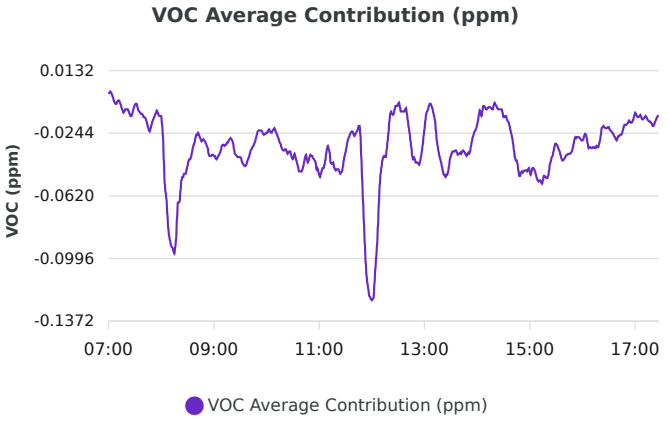
| LANGAN | Site Contribution Report - CCC Phase 1B - 1 Report | 100688803 - CCC - Phase 1B | |
|---|---|---|---|
| | | Report Period | |
| | | From: | 4/29/2025 07:00 |
| | | To: | 4/29/2025 19:00 |
| | | PM10 Action Level: | 150 µg/m³ |
| | | VOC Action Level: | 5 ppm |

| Daily Environmental Summary | Temp (°F) | Relative Humidity (%) | Barometer (inHg) | Windspeed (mph) | Prevailing wind direction |
|---|---|---|---|---|---|
| 4/29/2025 | 53.6-69.8 | 29.4-53.2 | 29.9-30.3 | 1.5-7.9 | SSW |

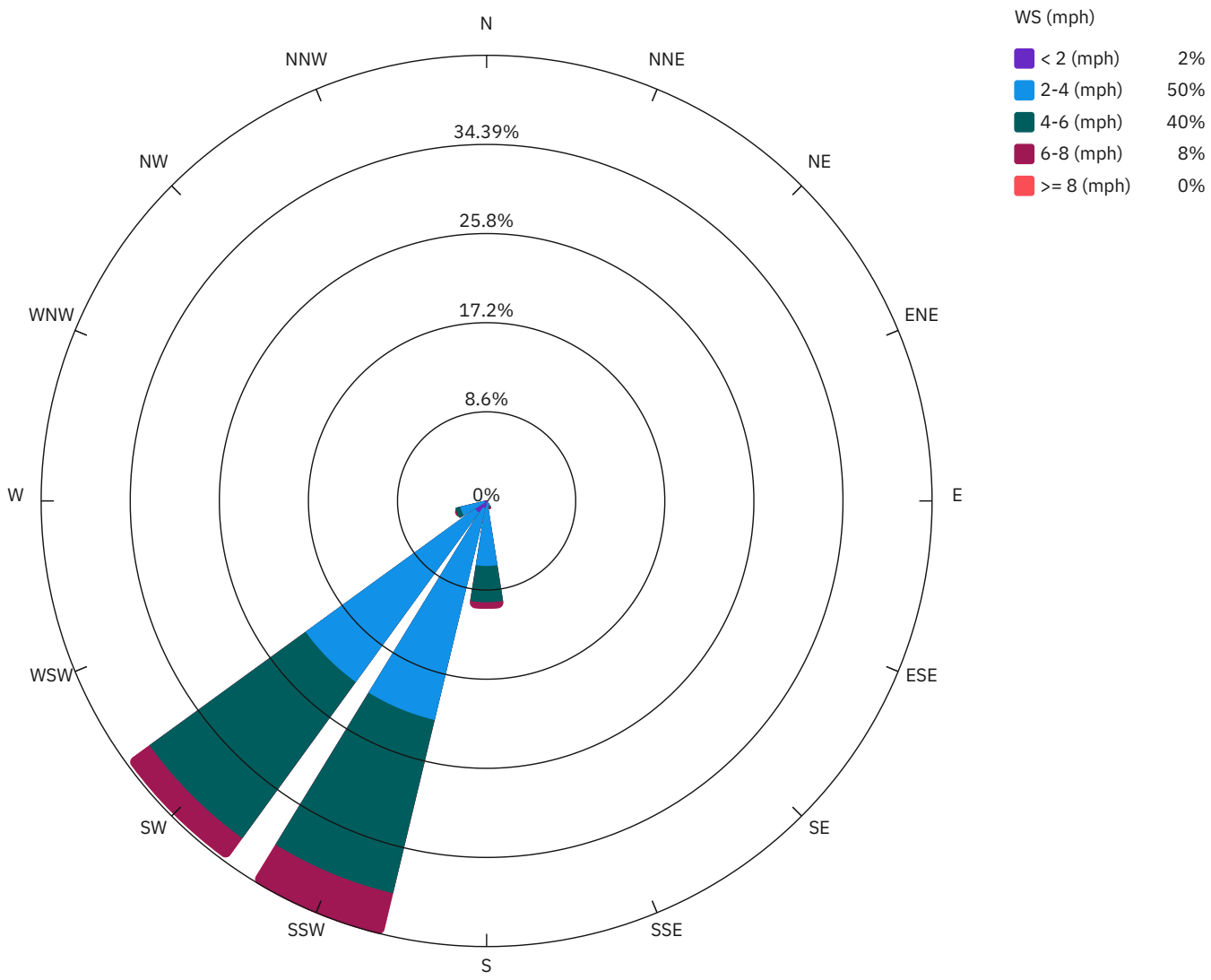
| Daily Monitoring Summary | PM10 (µg/m³) | Time | VOC (ppm) | Time |
|---|---|---|---|---|
| Min Contribution (15 min avg.) - 4/29/2025 | -121.5 | 14:30 | -0.1247 | 12:00 |
| Max Contribution (15 min avg.) - 4/29/2025 | 242.5 | 09:15 | -0.0007 | 07:00 |



**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 |
|---|---|---|---|---|---|---|---|---|
| 4/29/2025 07:00:00 | 7.0 | 7.3 | 0.3 | 0.0060 | 0.0053 | -0.0007 | 1.9 | SSW |
| 4/29/2025 07:15:00 | 21.9 | 9.5 | -12.5 | 0.0200 | 0.0107 | -0.0093 | 2.3 | SSW |
| 4/29/2025 07:30:00 | 23.1 | 8.7 | -14.4 | 0.0220 | 0.0147 | -0.0073 | 2.5 | SW |
| 4/29/2025 07:45:00 | 27.6 | 9.7 | -17.9 | 0.0307 | 0.0100 | -0.0207 | 3.4 | SW |
| 4/29/2025 08:00:00 | 37.5 | 10.4 | -27.0 | 0.0227 | 0.0087 | -0.0140 | 2.8 | SW |
| 4/29/2025 08:15:00 | 39.6 | 9.3 | -30.3 | 0.1080 | 0.0113 | -0.0967 | 2.9 | SW |
| 4/29/2025 08:30:00 | 44.6 | 9.6 | -35.0 | 0.0487 | 0.0047 | -0.0440 | 3.6 | SW |
| 4/29/2025 08:45:00 | 46.2 | 9.6 | -36.7 | 0.0340 | 0.0060 | -0.0280 | 4.6 | SW |
| 4/29/2025 09:00:00 | 35.6 | 205.6 | 170.0 | 0.0453 | 0.0073 | -0.0380 | 4.6 | SW |
| 4/29/2025 09:15:00 | 9.9 | 252.4 | 242.5 | 0.0313 | 0.0013 | -0.0300 | 4.9 | SSW |
| 4/29/2025 09:30:00 | 12.1 | 32.5 | 20.4 | 0.0387 | 0.0000 | -0.0387 | 4.5 | SSW |
| 4/29/2025 09:45:00 | 29.2 | 26.0 | -3.1 | 0.0320 | 0.0000 | -0.0320 | 4.9 | SSW |
| 4/29/2025 10:00:00 | 23.9 | 5.3 | -18.6 | 0.0240 | 0.0000 | -0.0240 | 4.6 | SSW |
| 4/29/2025 10:15:00 | 37.1 | 8.3 | -28.8 | 0.0300 | 0.0000 | -0.0300 | 5.4 | SSW |
| 4/29/2025 10:30:00 | 30.7 | 19.6 | -11.1 | 0.0400 | 0.0000 | -0.0400 | 5.3 | SSW |
| 4/29/2025 10:45:00 | 69.0 | 11.6 | -57.4 | 0.0373 | 0.0000 | -0.0373 | 4.4 | SSW |
| 4/29/2025 11:00:00 | 105.4 | 20.5 | -85.0 | 0.0687 | 0.0193 | -0.0493 | 3.5 | SSW |
| 4/29/2025 11:15:00 | 32.3 | 12.9 | -19.4 | 0.0453 | 0.0027 | -0.0427 | 2.7 | SSW |
| 4/29/2025 11:30:00 | 28.7 | 19.8 | -9.0 | 0.0360 | 0.0000 | -0.0360 | 3.0 | SSW |
| 4/29/2025 11:45:00 | 25.5 | 11.7 | -13.9 | 0.0200 | 0.0000 | -0.0200 | 3.4 | SSW |
| 4/29/2025 12:00:00 | 27.7 | 10.7 | -17.0 | 0.1247 | 0.0000 | -0.1247 | 3.3 | SSW |
| 4/29/2025 12:15:00 | 20.0 | 12.8 | -7.2 | 0.0387 | 0.0000 | -0.0387 | 2.8 | SSW |
| 4/29/2025 12:30:00 | 21.4 | 13.5 | -8.0 | 0.0067 | 0.0000 | -0.0067 | 3.3 | SSW |
| 4/29/2025 12:45:00 | 29.8 | 14.4 | -15.5 | 0.0327 | 0.0000 | -0.0327 | 3.0 | SSW |
| 4/29/2025 13:00:00 | 29.2 | 15.8 | -13.5 | 0.0220 | 0.0000 | -0.0220 | 3.1 | SSW |
| 4/29/2025 13:15:00 | 29.9 | 15.2 | -14.7 | 0.0320 | 0.0000 | -0.0320 | 3.6 | SSW |
| 4/29/2025 13:30:00 | 31.8 | 21.0 | -10.8 | 0.0380 | 0.0000 | -0.0380 | 4.4 | SW |
| 4/29/2025 13:45:00 | 23.3 | 16.8 | -6.5 | 0.0353 | 0.0000 | -0.0353 | 4.2 | SW |
| 4/29/2025 14:00:00 | 26.1 | 22.3 | -3.9 | 0.0193 | 0.0000 | -0.0193 | 3.4 | SSW |
| 4/29/2025 14:15:00 | 29.6 | 17.7 | -11.9 | 0.0087 | 0.0000 | -0.0087 | 3.0 | SSW |
| 4/29/2025 14:30:00 | 139.4 | 17.9 | -121.5 | 0.0147 | 0.0000 | -0.0147 | 2.8 | SSW |
| 4/29/2025 14:45:00 | 55.5 | 25.9 | -29.6 | 0.0407 | 0.0000 | -0.0407 | 4.3 | 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 |
|---|---|---|---|---|---|---|---|---|
| 4/29/2025 15:00:00 | 41.2 | 36.1 | -5.1 | 0.0473 | 0.0000 | -0.0473 | 4.7 | SSW |
| 4/29/2025 15:15:00 | 27.1 | 32.3 | 5.2 | 0.0527 | 0.0000 | -0.0527 | 4.5 | SW |
| 4/29/2025 15:30:00 | 38.4 | 31.5 | -6.9 | 0.0307 | 0.0000 | -0.0307 | 4.8 | SSW |
| 4/29/2025 15:45:00 | 42.0 | 20.8 | -21.3 | 0.0367 | 0.0000 | -0.0367 | 5.2 | SSW |
| 4/29/2025 16:00:00 | 48.5 | 24.2 | -24.3 | 0.0287 | 0.0000 | -0.0287 | 4.3 | SSW |
| 4/29/2025 16:15:00 | 22.6 | 26.0 | 3.4 | 0.0333 | 0.0000 | -0.0333 | 4.0 | SSW |
| 4/29/2025 16:30:00 | 25.9 | 24.8 | -1.1 | 0.0207 | 0.0000 | -0.0207 | 4.7 | SSW |
| 4/29/2025 16:45:00 | 32.0 | 22.2 | -9.8 | 0.0247 | 0.0000 | -0.0247 | 4.9 | SW |
| 4/29/2025 17:00:00 | 26.0 | 22.8 | -3.2 | 0.0120 | 0.0000 | -0.0120 | 4.2 | SW |
| 4/29/2025 17:15:00 | 38.6 | 43.4 | 4.9 | 0.0167 | 0.0000 | -0.0167 | 5.4 | SSW |