

DAILY FIELD REPORT 139

Prepared By: LANGAN

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

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|------------------------|---------|--------------|------------------|
| BCP Project No: | C231153 | Date: | December 9, 2023 |
|------------------------|---------|--------------|------------------|

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|----------------------|---|--------------|--------------------|
| Project Name: | Kasser Scrap Metal and Rector Cleaners Site | Time: | 8:45 am to 4:30 pm |
|----------------------|---|--------------|--------------------|

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|--|---|
| Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) | Langan Field Personnel: Camille Quick (Environmental) |
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| Construction Manager: Consigli Construction Co., Inc. (Consigli) |
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| Foundation Contractor: Urban Foundation/Engineering (Urban) |
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Work Activities Performed:

- Urban excavated an about 25-foot-long by 20-foot-wide area around existing caissons from about 18 feet below grade surface (bgs) to about 20 feet bgs in the southwestern part of grid WC03_15-20 for the foundation core mat. Excavated soil/fill was stockpiled in the western part of WC02 pending off-site disposal.
- Urban excavated an about 30-foot-long by 27-foot-wide area around existing caissons from about 15 feet below grade surface (bgs) to about 20 feet bgs in the south-central part of grid WC03_15-20 for the foundation core mat. Excavated soil/fill was stockpiled in the western part of WC02 pending off-site disposal.
- Urban removed timber piles from historic foundation elements encountered in the eastern part of WC03 to further excavate in the area; the timber piles were stockpiled in the western part of WC02.
- Urban graded an approximate 25-foot-long by 17-foot-wide area along in the southern part of WC03 to level site grade.
- Urban demolished and removed concrete from existing caissons in the south-central part of waste characterization grid WC03 to prepare for equipment mobilization.

Material Tracking:

- No soil/fill was exported from the site.
- No material was imported to the site.

| Materials Export Summary | | | | | | | | |
|--------------------------|-------------------------------|---------------------|------------------------------|---------------------|--------------------|---------------------|-------------------|-------------------------|
| Facility Name | Bayshore Soil Management, LLC | | Clean Earth of Carteret, LLC | | PPark NJ | | Faztec Solutions | |
| Location | Keasbey, NJ | | Carteret, NJ | | Prospect Park, NJ | | Staten Island, NY | |
| Type of Waste | Non-hazardous Soil | | Non-hazardous Soil | | Non-hazardous Soil | | C&D | |
| Today | Number of Loads | Approx. Volume (CY) | Number of Loads | Approx. Volume (CY) | Number of Loads | Approx. Volume (CY) | Number of Loads | Approximate Volume (CY) |
| | | 0 | - | 0 | - | 0 | - | 0 |
| Total | Number of Loads | Approx. Volume (CY) | Number of Loads | Approx. Volume (CY) | Number of Loads | Approx. Volume (CY) | Number of Loads | Approximate Volume (CY) |
| | 132 | 2,600 | 204 | 4,080 | 0 | - | 15 | 300 |

| Materials Export Summary | | |
|--------------------------|---------------------|---------------------|
| Facility Name | Dale Transfer Corp. | |
| Location | West Babylon, NY | |
| Type of Waste | Concrete | |
| Today | Number of Loads | Approx. Volume (CY) |
| | | 0 |
| Total | Number of Loads | Approx. Volume (CY) |
| | 2 | 40 |

| Materials Import Summary | | | | | | | | |
|--------------------------|--|---------------------|--|---------------------|-----------------|---------------------|-----------------|-------------------------|
| Facility Name | Greenpoint Quarry / North Shore Terminal | | Stavola Bound Brook / North Shore Terminal | | | | | |
| Location | Staten Island, NY | | Staten Island, NY | | | | | |
| Type of Material | ASTM57 0.75-inch Stone | | ASTM2 2.5-inch Stone | | | | | |
| Today | Number of Loads | Approx. Volume (CY) | Number of Loads | Approx. Volume (CY) | Number of Loads | Approx. Volume (CY) | Number of Loads | Approximate Volume (CY) |
| | | 0 | - | 0 | - | 0 | - | 0 |
| Total | Number of Loads | Approx. Volume (CY) | Number of Loads | Approx. Volume (CY) | Number of Loads | Approx. Volume (CY) | Number of Loads | Approximate Volume (CY) |
| | 0 | - | 0 | - | 0 | - | 0 | - |

Samples Collected:

- No samples were collected.

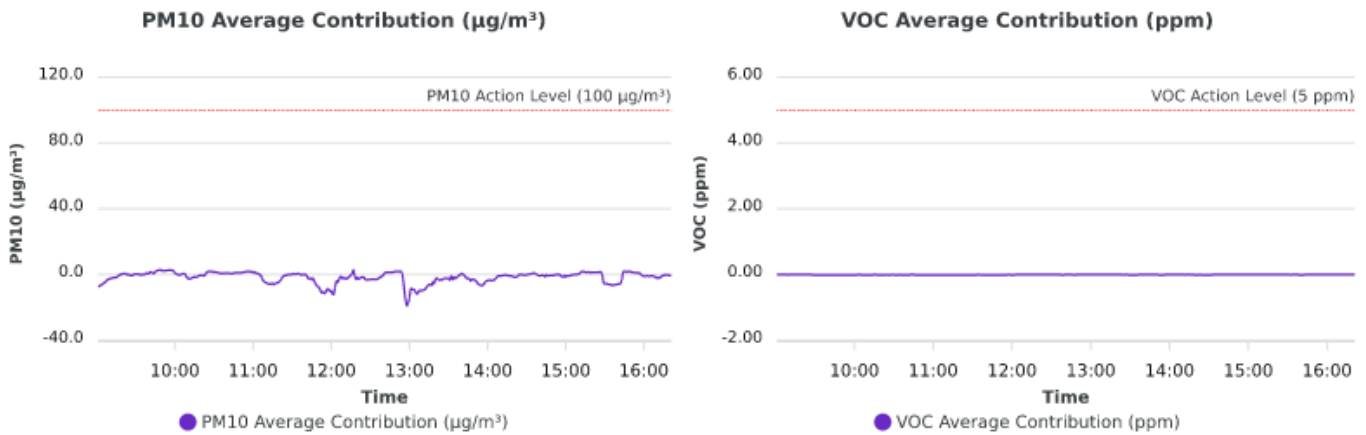
Air Monitoring:

The 15-minute average site contributions for particulates and volatile organic compounds (VOCs) are calculated by subtracting the upwind readings from the downwind readings. A true action level exceedance is realized when this net result exceeds 100 µg/m³ for particulates and 5 ppm for organic vapors. No particulates (PM10) or organic vapors exceeded the 15-minute average site contribution action level of 100 µg/m³ or 5 ppm, respectively, on this day.

| Particulate Monitoring (µg/m ³) | | Organic Vapor Monitoring (ppm) | |
|---|-------|---|-------|
| Daily Background | 30.8 | Daily Background | 0.00 |
| PM10 Average Site Contribution (Minimum) | -19.2 | VOC Average Site Contribution (Minimum) | -0.02 |
| PM10 Average Site Contribution (Maximum) | 2.9 | VOC Average Site Contribution (Maximum) | 0.01 |

µg/m³: micrograms per cubic meter.

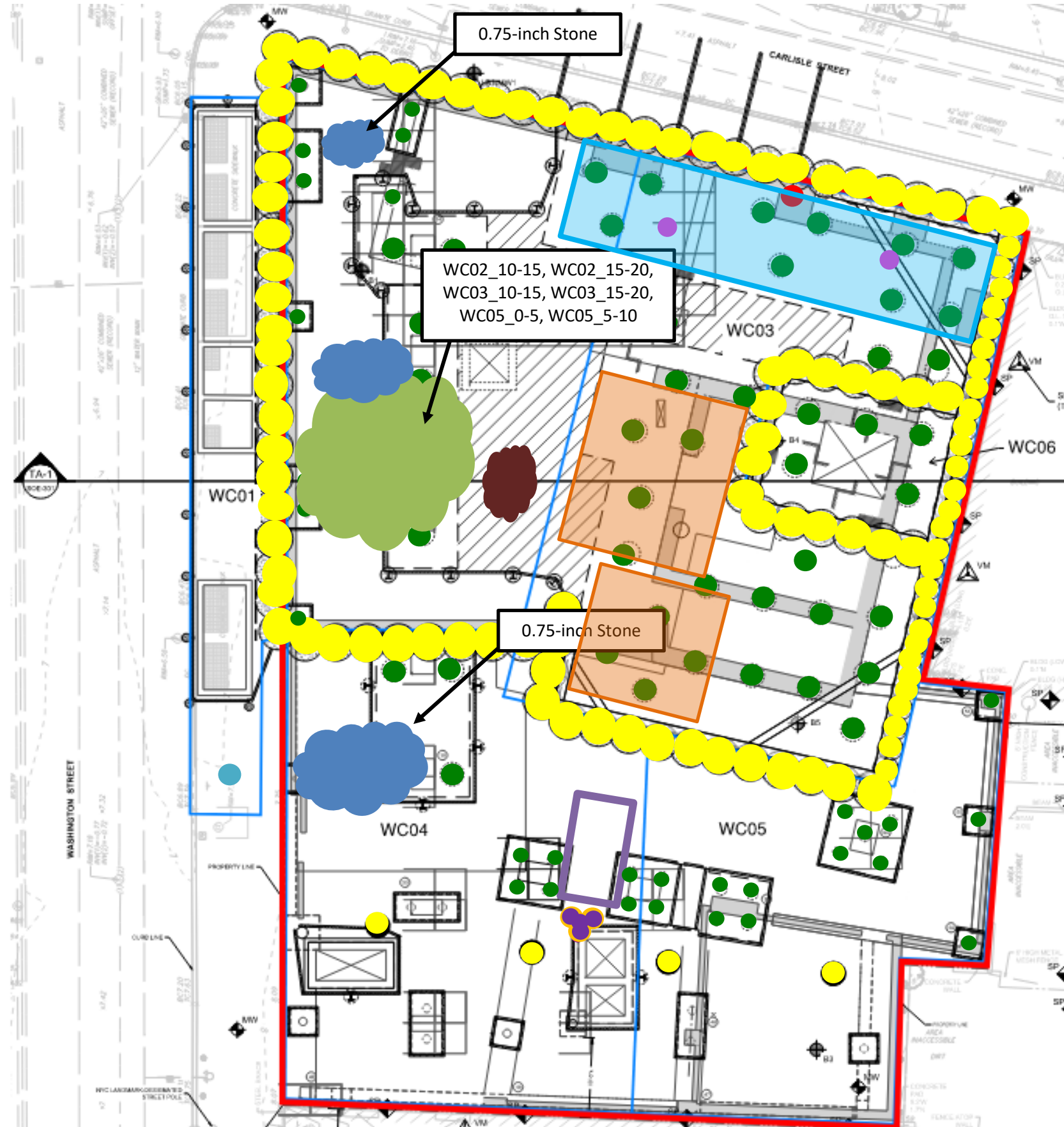
ppm: parts per million.



Planned Activities:

- Urban will continue excavation throughout the site to assist in the advancement of caissons, soldier piles and foundation mat.

SITE PLAN



- Site Boundary**
- Waste Characterization Grid Boundary**
- **CAMP station 1**
- **CAMP station 2**
- **Stockpile – Soil (no impacts)**
- **Stockpile – C&D**
- **Stockpile – Timber Piles**
- Approximate Location of Excavation**
- Approximate Area of Grading**
- Approximate Backfill Location**
- **Completed Soil-Mix Column**
- **Completed Caisson Casing**
- **Completed Caisson**
- **Reinstalled Soil-Mix Column as part of the In-Situ Stabilization of NAPL-contaminated Soil**
- **Soil-Mix Core Advanced**
- **Documentation Endpoint Sample**
- Completed Waterproofing Installation**
- Approximate Location of the Former UST**

Note: Waste characterization grid areas were developed by PT Consultants and Urban and is shown on this site plan for reference only.

Photo Log

Photo 1: View of Urban excavating soil/fill in the central part of the site (facing northwest).



Photo 2: View of Urban stockpiling soil/fill in the western part of the site (facing east).



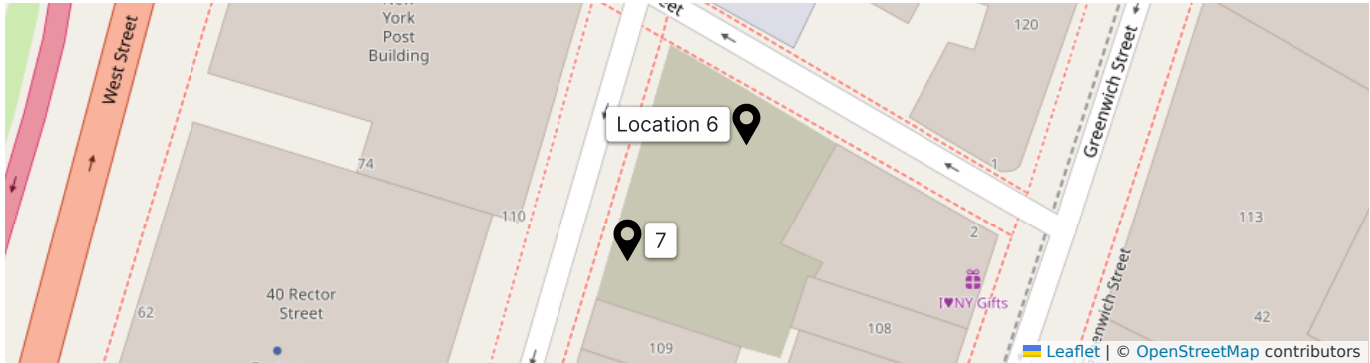
Photo 3: View Urban removing concrete from existing caissons in the central part of the site (facing northwest).



| | | | |
|--------------------------|------------------------------|--------------------------------------|--------------------------------|
| LANGAN | Air Monitoring Report | 170695201 - 111 Washington St | |
| | | Report Period | |
| | | From: | 12/9/2023 06:00 |
| | | To: | 12/9/2023 19:00 |
| | | PM10 Action Level: | 100.0 $\mu\text{g}/\text{m}^3$ |
| VOC Action Level: | 5.00 ppm | | |

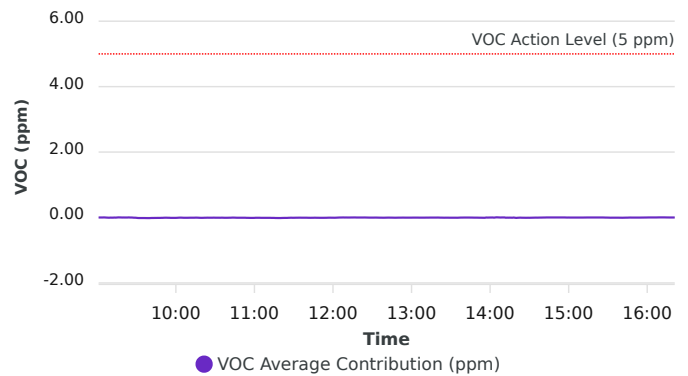
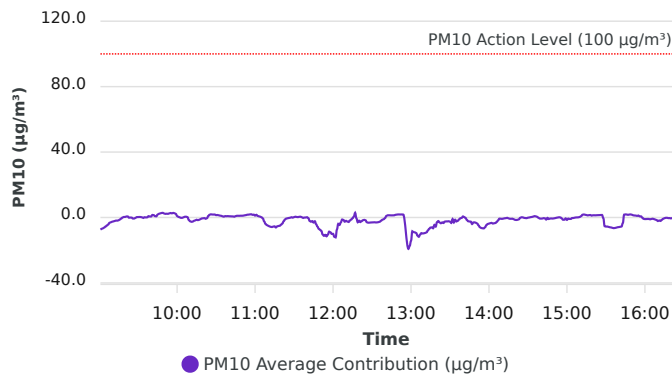
| | | |
|------------------------------------|------------------------|----------------------------------|
| Daily Environmental Summary | Windspeed (mph) | Prevailing wind direction |
| 12/9/2023 | 0.2-1.6 | WSW |

| | | | | |
|---|---|-------------|------------------|-------------|
| Daily Monitoring Summary | PM10 ($\mu\text{g}/\text{m}^3$) | Time | VOC (ppm) | Time |
| Min Contribution (15 min avg.) - 12/9/2023 | -19.2 | 12:58 | -0.02 | 09:38 |
| Max Contribution (15 min avg.) - 12/9/2023 | 2.9 | 12:17 | 0.01 | 14:05 |

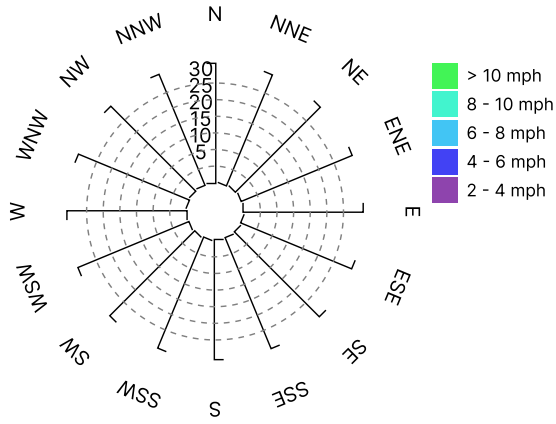


PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)

VOC Average Contribution (ppm)



Contribution 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 |
|--------------------|-----------------------------|-------------------------------|-----------------------------------|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 12/9/2023 09:00:00 | | | | | | | 0.5 | W |
| 12/9/2023 09:01:00 | 30.8 | 23.4 | -7.4 | 0.00 | 0.00 | 0.00 | 0.4 | WNW |
| 12/9/2023 09:02:00 | 29.5 | 22.6 | -6.9 | 0.00 | 0.00 | 0.00 | 0.4 | WSW |
| 12/9/2023 09:03:00 | 28.1 | 21.5 | -6.6 | 0.00 | 0.00 | 0.00 | 0.5 | SSW |
| 12/9/2023 09:04:00 | 26.8 | 20.7 | -6.1 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |
| 12/9/2023 09:05:00 | 25.7 | 20.2 | -5.5 | 0.00 | 0.00 | 0.00 | 0.5 | SW |
| 12/9/2023 09:06:00 | 24.8 | 19.9 | -4.9 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |
| 12/9/2023 09:07:00 | 24.0 | 19.7 | -4.3 | 0.01 | 0.00 | 0.00 | 0.5 | WSW |
| 12/9/2023 09:08:00 | 23.2 | 20.0 | -3.2 | 0.01 | 0.00 | -0.01 | 0.5 | WSW |
| 12/9/2023 09:09:00 | 22.5 | 19.6 | -2.9 | 0.01 | 0.00 | -0.01 | 0.5 | WSW |
| 12/9/2023 09:10:00 | 21.9 | 19.3 | -2.6 | 0.01 | 0.00 | 0.00 | 0.5 | ESE |
| 12/9/2023 09:11:00 | 21.3 | 19.0 | -2.4 | 0.01 | 0.00 | -0.01 | 0.5 | W |
| 12/9/2023 09:12:00 | 20.8 | 18.7 | -2.1 | 0.01 | 0.01 | -0.01 | 0.5 | E |
| 12/9/2023 09:13:00 | 20.4 | 18.5 | -1.9 | 0.01 | 0.01 | 0.00 | 0.5 | W |
| 12/9/2023 09:14:00 | 20.2 | 18.2 | -1.9 | 0.01 | 0.01 | 0.00 | 0.5 | NNW |
| 12/9/2023 09:15:00 | 19.8 | 18.1 | -1.7 | 0.01 | 0.01 | 0.00 | 0.5 | NW |
| 12/9/2023 09:16:00 | 18.7 | 17.5 | -1.2 | 0.02 | 0.02 | 0.00 | 0.5 | SSE |
| 12/9/2023 09:17:00 | 17.8 | 17.1 | -0.6 | 0.02 | 0.02 | 0.00 | 0.5 | WSW |
| 12/9/2023 09:18:00 | 17.0 | 17.0 | 0.0 | 0.02 | 0.02 | 0.00 | 0.5 | WSW |
| 12/9/2023 09:19:00 | 16.5 | 16.8 | 0.3 | 0.02 | 0.02 | 0.00 | 0.6 | WSW |
| 12/9/2023 09:20:00 | 16.4 | 16.7 | 0.3 | 0.02 | 0.02 | 0.00 | 0.6 | SE |
| 12/9/2023 09:21:00 | 16.1 | 16.7 | 0.6 | 0.02 | 0.02 | 0.00 | 0.5 | NW |
| 12/9/2023 09:22:00 | 15.8 | 16.4 | 0.6 | 0.02 | 0.02 | 0.00 | 0.5 | NW |
| 12/9/2023 09:23:00 | 16.1 | 16.0 | -0.1 | 0.02 | 0.02 | 0.00 | 0.5 | W |
| 12/9/2023 09:24:00 | 15.9 | 15.9 | 0.0 | 0.02 | 0.02 | 0.00 | 0.5 | NE |
| 12/9/2023 09:25:00 | 15.9 | 15.8 | -0.1 | 0.02 | 0.02 | 0.00 | 0.5 | WSW |
| 12/9/2023 09:26:00 | 16.4 | 15.7 | -0.7 | 0.02 | 0.02 | 0.00 | 0.6 | WSW |
| 12/9/2023 09:27:00 | 16.5 | 15.9 | -0.6 | 0.02 | 0.02 | 0.00 | 0.6 | W |
| 12/9/2023 09:28:00 | 16.4 | 16.2 | -0.2 | 0.02 | 0.02 | -0.01 | 0.6 | W |
| 12/9/2023 09:29:00 | 16.1 | 16.3 | 0.2 | 0.02 | 0.01 | -0.01 | 0.7 | SSE |
| 12/9/2023 09:30:00 | 16.0 | 16.2 | 0.3 | 0.02 | 0.01 | -0.01 | 0.7 | WSW |
| 12/9/2023 09:31:00 | 15.8 | 16.2 | 0.3 | 0.02 | 0.00 | -0.02 | 0.7 | WSW |

| Date/Time | Average Upwind PM10 ($\mu\text{g}/\text{m}^3$) | Average Downwind PM10 ($\mu\text{g}/\text{m}^3$) | Average Contribution PM10 ($\mu\text{g}/\text{m}^3$) | Average Upwind VOC (ppm) | Average Downwind VOC (ppm) | Average Contribution VOC (ppm) | Wind Speed 15 min Avg | Wind Direction |
|--------------------|--|--|--|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 12/9/2023 09:32:00 | 15.7 | 16.0 | 0.3 | 0.02 | 0.00 | -0.02 | 0.6 | WSW |
| 12/9/2023 09:33:00 | 15.7 | 15.8 | 0.1 | 0.02 | 0.00 | -0.02 | 0.7 | W |
| 12/9/2023 09:34:00 | 15.9 | 15.6 | -0.3 | 0.02 | 0.00 | -0.02 | 0.7 | SW |
| 12/9/2023 09:35:00 | 15.6 | 15.8 | 0.1 | 0.02 | 0.00 | -0.02 | 0.7 | SE |
| 12/9/2023 09:36:00 | 15.4 | 15.4 | 0.0 | 0.02 | 0.00 | -0.02 | 0.7 | WSW |
| 12/9/2023 09:37:00 | 15.3 | 15.4 | 0.1 | 0.02 | 0.00 | -0.02 | 0.7 | WSW |
| 12/9/2023 09:38:00 | 14.5 | 15.3 | 0.8 | 0.02 | 0.00 | -0.02 | 0.7 | WSW |
| 12/9/2023 09:39:00 | 14.4 | 15.0 | 0.6 | 0.02 | 0.00 | -0.02 | 0.7 | NE |
| 12/9/2023 09:40:00 | 14.3 | 14.9 | 0.6 | 0.02 | 0.00 | -0.02 | 0.7 | WSW |
| 12/9/2023 09:41:00 | 13.7 | 15.3 | 1.6 | 0.02 | 0.00 | -0.02 | 0.6 | N |
| 12/9/2023 09:42:00 | 13.5 | 14.9 | 1.4 | 0.02 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 09:43:00 | 13.6 | 14.4 | 0.8 | 0.02 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 09:44:00 | 13.8 | 14.5 | 0.7 | 0.02 | 0.00 | -0.01 | 0.6 | S |
| 12/9/2023 09:45:00 | 13.8 | 15.6 | 1.8 | 0.02 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 09:46:00 | 13.7 | 16.0 | 2.3 | 0.02 | 0.00 | -0.01 | 0.6 | SW |
| 12/9/2023 09:47:00 | 13.7 | 16.1 | 2.5 | 0.02 | 0.00 | -0.01 | 0.6 | SSE |
| 12/9/2023 09:48:00 | 13.5 | 16.3 | 2.7 | 0.02 | 0.00 | -0.01 | 0.6 | S |
| 12/9/2023 09:49:00 | 13.3 | 16.1 | 2.9 | 0.01 | 0.01 | -0.01 | 0.5 | NNE |
| 12/9/2023 09:50:00 | 13.3 | 15.8 | 2.4 | 0.01 | 0.00 | -0.01 | 0.5 | E |
| 12/9/2023 09:51:00 | 13.5 | 15.7 | 2.2 | 0.01 | 0.01 | -0.01 | 0.5 | E |
| 12/9/2023 09:52:00 | 13.5 | 15.8 | 2.3 | 0.01 | 0.01 | -0.01 | 0.5 | W |
| 12/9/2023 09:53:00 | 13.6 | 15.8 | 2.2 | 0.01 | 0.01 | -0.01 | 0.5 | WSW |
| 12/9/2023 09:54:00 | 13.6 | 16.1 | 2.5 | 0.01 | 0.00 | -0.01 | 0.5 | WSW |
| 12/9/2023 09:55:00 | 13.5 | 16.2 | 2.7 | 0.01 | 0.00 | -0.01 | 0.5 | WSW |
| 12/9/2023 09:56:00 | 13.4 | 15.9 | 2.5 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 09:57:00 | 13.2 | 16.0 | 2.8 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 09:58:00 | 13.6 | 16.2 | 2.6 | 0.01 | 0.00 | -0.01 | 0.6 | WNW |
| 12/9/2023 09:59:00 | 13.9 | 16.1 | 2.2 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 10:00:00 | 14.4 | 15.3 | 0.9 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 10:01:00 | 14.8 | 15.2 | 0.4 | 0.01 | 0.00 | -0.01 | 0.6 | E |
| 12/9/2023 10:02:00 | 15.0 | 15.1 | 0.1 | 0.01 | 0.01 | -0.01 | 0.6 | NE |
| 12/9/2023 10:03:00 | 15.3 | 15.0 | -0.2 | 0.01 | 0.01 | -0.01 | 0.6 | ENE |

| 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 |
|--------------------|-----------------------------|-------------------------------|-----------------------------------|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 12/9/2023 10:04:00 | 15.3 | 15.1 | -0.2 | 0.01 | 0.01 | -0.01 | 0.6 | NNW |
| 12/9/2023 10:05:00 | 15.1 | 15.3 | 0.1 | 0.01 | 0.01 | -0.01 | 0.6 | W |
| 12/9/2023 10:06:00 | 15.0 | 15.4 | 0.5 | 0.01 | 0.01 | -0.01 | 0.6 | WSW |
| 12/9/2023 10:07:00 | 14.9 | 15.4 | 0.5 | 0.01 | 0.01 | -0.01 | 0.6 | WSW |
| 12/9/2023 10:08:00 | 15.1 | 15.3 | 0.2 | 0.01 | 0.01 | -0.01 | 0.6 | W |
| 12/9/2023 10:09:00 | 16.8 | 15.3 | -1.5 | 0.01 | 0.01 | -0.01 | 0.6 | WSW |
| 12/9/2023 10:10:00 | 17.6 | 15.3 | -2.3 | 0.01 | 0.01 | -0.01 | 0.6 | W |
| 12/9/2023 10:11:00 | 17.9 | 15.3 | -2.6 | 0.01 | 0.01 | -0.01 | 0.6 | WSW |
| 12/9/2023 10:12:00 | 18.0 | 15.4 | -2.5 | 0.01 | 0.01 | -0.01 | 0.6 | WSW |
| 12/9/2023 10:13:00 | 17.4 | 15.4 | -2.0 | 0.01 | 0.01 | -0.01 | 0.6 | W |
| 12/9/2023 10:14:00 | 17.1 | 15.3 | -1.8 | 0.01 | 0.01 | -0.01 | 0.6 | WSW |
| 12/9/2023 10:15:00 | 16.9 | 15.5 | -1.4 | 0.01 | 0.01 | -0.01 | 0.6 | ENE |
| 12/9/2023 10:16:00 | 16.8 | 15.1 | -1.6 | 0.01 | 0.01 | -0.01 | 0.6 | SE |
| 12/9/2023 10:17:00 | 16.6 | 15.1 | -1.4 | 0.01 | 0.01 | -0.01 | 0.6 | NW |
| 12/9/2023 10:18:00 | 16.4 | 15.4 | -1.0 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 10:19:00 | 16.1 | 15.6 | -0.6 | 0.01 | 0.00 | -0.01 | 0.7 | SW |
| 12/9/2023 10:20:00 | 16.0 | 15.5 | -0.5 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 10:21:00 | 15.9 | 15.6 | -0.4 | 0.01 | 0.00 | -0.01 | 0.6 | SSW |
| 12/9/2023 10:22:00 | 16.2 | 15.4 | -0.8 | 0.01 | 0.00 | -0.01 | 0.6 | NNE |
| 12/9/2023 10:23:00 | 15.9 | 15.5 | -0.4 | 0.01 | 0.00 | -0.01 | 0.6 | SW |
| 12/9/2023 10:24:00 | 14.4 | 15.3 | 0.9 | 0.01 | 0.01 | -0.01 | 0.6 | N |
| 12/9/2023 10:25:00 | 13.7 | 15.3 | 1.7 | 0.01 | 0.01 | -0.01 | 0.6 | S |
| 12/9/2023 10:26:00 | 13.4 | 15.3 | 1.9 | 0.01 | 0.01 | -0.01 | 0.6 | W |
| 12/9/2023 10:27:00 | 13.4 | 15.2 | 1.8 | 0.01 | 0.01 | -0.01 | 0.6 | WSW |
| 12/9/2023 10:28:00 | 13.3 | 15.1 | 1.8 | 0.01 | 0.01 | -0.01 | 0.6 | WNW |
| 12/9/2023 10:29:00 | 13.3 | 15.1 | 1.8 | 0.01 | 0.01 | -0.01 | 0.5 | WSW |
| 12/9/2023 10:30:00 | 13.2 | 14.6 | 1.4 | 0.01 | 0.01 | -0.01 | 0.5 | ESE |
| 12/9/2023 10:31:00 | 13.0 | 14.6 | 1.5 | 0.01 | 0.01 | -0.01 | 0.5 | E |
| 12/9/2023 10:32:00 | 13.1 | 14.5 | 1.4 | 0.01 | 0.01 | -0.01 | 0.5 | SW |
| 12/9/2023 10:33:00 | 13.2 | 14.3 | 1.1 | 0.01 | 0.01 | -0.01 | 0.6 | W |
| 12/9/2023 10:34:00 | 13.3 | 14.4 | 1.0 | 0.02 | 0.01 | -0.01 | 0.6 | WSW |
| 12/9/2023 10:35:00 | 13.6 | 14.3 | 0.7 | 0.01 | 0.01 | -0.01 | 0.6 | ESE |

| 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 |
|--------------------|-----------------------------|-------------------------------|-----------------------------------|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 12/9/2023 10:36:00 | 13.6 | 14.2 | 0.5 | 0.02 | 0.01 | -0.01 | 0.6 | SW |
| 12/9/2023 10:37:00 | 13.5 | 14.4 | 0.8 | 0.02 | 0.01 | -0.01 | 0.6 | W |
| 12/9/2023 10:38:00 | 13.6 | 14.3 | 0.8 | 0.02 | 0.01 | -0.01 | 0.6 | SW |
| 12/9/2023 10:39:00 | 13.5 | 14.3 | 0.8 | 0.02 | 0.01 | -0.01 | 0.6 | E |
| 12/9/2023 10:40:00 | 13.4 | 14.2 | 0.8 | 0.02 | 0.01 | -0.01 | 0.6 | WSW |
| 12/9/2023 10:41:00 | 13.4 | 14.1 | 0.7 | 0.02 | 0.01 | -0.01 | 0.6 | WSW |
| 12/9/2023 10:42:00 | 13.3 | 14.0 | 0.7 | 0.02 | 0.01 | -0.01 | 0.6 | W |
| 12/9/2023 10:43:00 | 13.4 | 14.0 | 0.7 | 0.02 | 0.01 | 0.00 | 0.6 | ENE |
| 12/9/2023 10:44:00 | 13.5 | 14.0 | 0.5 | 0.01 | 0.01 | 0.00 | 0.6 | ESE |
| 12/9/2023 10:45:00 | 13.5 | 14.3 | 0.8 | 0.01 | 0.01 | -0.01 | 0.6 | W |
| 12/9/2023 10:46:00 | 13.3 | 14.3 | 1.0 | 0.01 | 0.01 | -0.01 | 0.6 | W |
| 12/9/2023 10:47:00 | 13.3 | 14.3 | 1.0 | 0.01 | 0.01 | -0.01 | 0.6 | WSW |
| 12/9/2023 10:48:00 | 13.1 | 14.2 | 1.0 | 0.01 | 0.01 | -0.01 | 0.6 | S |
| 12/9/2023 10:49:00 | 13.1 | 14.2 | 1.1 | 0.01 | 0.01 | -0.01 | 0.6 | SW |
| 12/9/2023 10:50:00 | 13.0 | 14.1 | 1.1 | 0.01 | 0.01 | -0.01 | 0.5 | E |
| 12/9/2023 10:51:00 | 13.0 | 14.1 | 1.1 | 0.01 | 0.01 | -0.01 | 0.6 | SW |
| 12/9/2023 10:52:00 | 12.9 | 14.2 | 1.3 | 0.01 | 0.01 | -0.01 | 0.5 | W |
| 12/9/2023 10:53:00 | 12.8 | 14.2 | 1.5 | 0.01 | 0.01 | -0.01 | 0.5 | WSW |
| 12/9/2023 10:54:00 | 12.6 | 14.3 | 1.7 | 0.02 | 0.01 | -0.01 | 0.5 | S |
| 12/9/2023 10:55:00 | 12.5 | 14.2 | 1.8 | 0.02 | 0.01 | -0.01 | 0.5 | W |
| 12/9/2023 10:56:00 | 12.4 | 14.2 | 1.9 | 0.02 | 0.01 | -0.01 | 0.5 | SW |
| 12/9/2023 10:57:00 | 12.3 | 14.2 | 2.0 | 0.02 | 0.00 | -0.01 | 0.5 | SW |
| 12/9/2023 10:58:00 | 12.3 | 13.9 | 1.6 | 0.02 | 0.00 | -0.01 | 0.5 | E |
| 12/9/2023 10:59:00 | 12.2 | 13.9 | 1.7 | 0.02 | 0.00 | -0.01 | 0.5 | SE |
| 12/9/2023 11:00:00 | 12.6 | 13.7 | 1.2 | 0.02 | 0.00 | -0.01 | 0.5 | W |
| 12/9/2023 11:01:00 | 12.6 | 14.2 | 1.6 | 0.01 | 0.01 | -0.01 | 0.5 | ENE |
| 12/9/2023 11:02:00 | 13.2 | 14.1 | 1.0 | 0.01 | 0.01 | -0.01 | 0.5 | WSW |
| 12/9/2023 11:03:00 | 13.3 | 14.0 | 0.7 | 0.01 | 0.01 | -0.01 | 0.5 | SW |
| 12/9/2023 11:04:00 | 13.4 | 13.9 | 0.5 | 0.01 | 0.01 | -0.01 | 0.6 | WSW |
| 12/9/2023 11:05:00 | 13.8 | 13.9 | 0.1 | 0.01 | 0.00 | -0.01 | 0.6 | NW |
| 12/9/2023 11:06:00 | 14.3 | 13.8 | -0.6 | 0.01 | 0.00 | -0.01 | 0.6 | SSW |
| 12/9/2023 11:07:00 | 16.0 | 13.6 | -2.4 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |

| 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 |
|--------------------|-----------------------------|-------------------------------|-----------------------------------|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 12/9/2023 11:08:00 | 17.3 | 13.4 | -3.9 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 11:09:00 | 18.0 | 13.4 | -4.6 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 11:10:00 | 18.5 | 13.5 | -5.0 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 11:11:00 | 18.9 | 13.4 | -5.4 | 0.01 | 0.00 | -0.01 | 0.6 | WNW |
| 12/9/2023 11:12:00 | 19.0 | 13.3 | -5.7 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 11:13:00 | 19.2 | 13.4 | -5.8 | 0.02 | 0.00 | -0.01 | 0.6 | SSE |
| 12/9/2023 11:14:00 | 19.1 | 13.5 | -5.5 | 0.02 | 0.00 | -0.01 | 0.6 | ESE |
| 12/9/2023 11:15:00 | 18.8 | 13.4 | -5.4 | 0.02 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 11:16:00 | 18.9 | 12.8 | -6.1 | 0.02 | 0.00 | -0.02 | 0.6 | W |
| 12/9/2023 11:17:00 | 18.2 | 12.8 | -5.4 | 0.02 | 0.00 | -0.02 | 0.6 | W |
| 12/9/2023 11:18:00 | 17.9 | 12.7 | -5.2 | 0.02 | 0.00 | -0.02 | 0.6 | S |
| 12/9/2023 11:19:00 | 17.7 | 12.6 | -5.1 | 0.02 | 0.00 | -0.02 | 0.6 | SW |
| 12/9/2023 11:20:00 | 17.0 | 12.6 | -4.4 | 0.02 | 0.00 | -0.02 | 0.6 | W |
| 12/9/2023 11:21:00 | 16.7 | 13.0 | -3.7 | 0.02 | 0.00 | -0.01 | 0.6 | NE |
| 12/9/2023 11:22:00 | 15.3 | 13.1 | -2.3 | 0.02 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 11:23:00 | 14.3 | 13.1 | -1.2 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 11:24:00 | 13.8 | 13.1 | -0.7 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 11:25:00 | 13.4 | 13.0 | -0.5 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 11:26:00 | 13.2 | 12.9 | -0.3 | 0.01 | 0.00 | -0.01 | 0.6 | ENE |
| 12/9/2023 11:27:00 | 13.1 | 12.9 | -0.1 | 0.01 | 0.00 | -0.01 | 0.6 | SW |
| 12/9/2023 11:28:00 | 12.7 | 12.9 | 0.1 | 0.01 | 0.00 | -0.01 | 0.6 | E |
| 12/9/2023 11:29:00 | 12.7 | 12.6 | -0.1 | 0.01 | 0.00 | -0.01 | 0.6 | WNW |
| 12/9/2023 11:30:00 | 12.4 | 12.7 | 0.2 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 11:31:00 | 12.3 | 12.8 | 0.5 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 11:32:00 | 12.4 | 12.7 | 0.3 | 0.01 | 0.00 | -0.01 | 0.6 | S |
| 12/9/2023 11:33:00 | 12.5 | 12.7 | 0.2 | 0.01 | 0.00 | -0.01 | 0.6 | SW |
| 12/9/2023 11:34:00 | 12.6 | 13.0 | 0.4 | 0.01 | 0.00 | -0.01 | 0.6 | SW |
| 12/9/2023 11:35:00 | 12.7 | 13.2 | 0.5 | 0.01 | 0.00 | -0.01 | 0.5 | WSW |
| 12/9/2023 11:36:00 | 12.7 | 12.9 | 0.1 | 0.01 | 0.00 | -0.01 | 0.5 | WNW |
| 12/9/2023 11:37:00 | 13.0 | 12.8 | -0.3 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 11:38:00 | 12.7 | 12.6 | 0.0 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 11:39:00 | 12.5 | 12.5 | 0.0 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |

| Date/Time | Average Upwind PM10 ($\mu\text{g}/\text{m}^3$) | Average Downwind PM10 ($\mu\text{g}/\text{m}^3$) | Average Contribution PM10 ($\mu\text{g}/\text{m}^3$) | Average Upwind VOC (ppm) | Average Downwind VOC (ppm) | Average Contribution VOC (ppm) | Wind Speed 15 min Avg | Wind Direction |
|--------------------|--|--|--|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 12/9/2023 11:40:00 | 12.3 | 12.5 | 0.2 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 11:41:00 | 12.8 | 12.4 | -0.4 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 11:42:00 | 14.5 | 12.4 | -2.1 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 11:43:00 | 15.1 | 12.5 | -2.6 | 0.01 | 0.00 | -0.01 | 0.6 | WNW |
| 12/9/2023 11:44:00 | 15.2 | 13.0 | -2.2 | 0.01 | 0.00 | -0.01 | 0.6 | E |
| 12/9/2023 11:45:00 | 16.0 | 12.9 | -3.1 | 0.01 | 0.00 | -0.01 | 0.6 | SW |
| 12/9/2023 11:46:00 | 16.0 | 13.7 | -2.3 | 0.01 | 0.00 | -0.01 | 0.6 | ESE |
| 12/9/2023 11:47:00 | 17.8 | 13.7 | -4.1 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 11:48:00 | 19.3 | 13.7 | -5.6 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 11:49:00 | 20.4 | 13.5 | -6.9 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 11:50:00 | 21.0 | 13.5 | -7.5 | 0.01 | 0.00 | -0.01 | 0.6 | WNW |
| 12/9/2023 11:51:00 | 21.6 | 13.4 | -8.2 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 11:52:00 | 23.8 | 13.4 | -10.4 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 11:53:00 | 24.7 | 13.5 | -11.2 | 0.01 | 0.00 | -0.01 | 0.6 | NW |
| 12/9/2023 11:54:00 | 25.0 | 14.4 | -10.6 | 0.01 | 0.00 | -0.01 | 0.5 | ENE |
| 12/9/2023 11:55:00 | 26.0 | 14.5 | -11.5 | 0.01 | 0.00 | -0.01 | 0.5 | W |
| 12/9/2023 11:56:00 | 25.5 | 15.0 | -10.5 | 0.01 | 0.00 | -0.01 | 0.5 | NNW |
| 12/9/2023 11:57:00 | 23.8 | 15.1 | -8.7 | 0.01 | 0.00 | -0.01 | 0.5 | ENE |
| 12/9/2023 11:58:00 | 24.2 | 15.1 | -9.1 | 0.01 | 0.00 | -0.01 | 0.5 | NW |
| 12/9/2023 11:59:00 | 24.6 | 14.6 | -10.0 | 0.01 | 0.00 | -0.01 | 0.5 | WSW |
| 12/9/2023 12:00:00 | 24.5 | 14.5 | -10.0 | 0.01 | 0.00 | -0.01 | 0.5 | W |
| 12/9/2023 12:01:00 | 25.4 | 13.5 | -11.8 | 0.01 | 0.00 | -0.01 | 0.5 | W |
| 12/9/2023 12:02:00 | 25.7 | 13.5 | -12.2 | 0.01 | 0.00 | -0.01 | 0.5 | W |
| 12/9/2023 12:03:00 | 24.2 | 16.9 | -7.3 | 0.01 | 0.00 | -0.01 | 0.4 | ENE |
| 12/9/2023 12:04:00 | 23.0 | 19.2 | -3.9 | 0.01 | 0.00 | 0.00 | 0.4 | ENE |
| 12/9/2023 12:05:00 | 23.6 | 19.1 | -4.5 | 0.01 | 0.01 | 0.00 | 0.4 | WSW |
| 12/9/2023 12:06:00 | 22.9 | 19.9 | -3.0 | 0.01 | 0.01 | 0.00 | 0.4 | ENE |
| 12/9/2023 12:07:00 | 21.1 | 19.9 | -1.2 | 0.01 | 0.01 | 0.00 | 0.5 | W |
| 12/9/2023 12:08:00 | 21.3 | 19.8 | -1.5 | 0.01 | 0.01 | 0.00 | 0.4 | W |
| 12/9/2023 12:09:00 | 21.6 | 19.0 | -2.6 | 0.01 | 0.01 | 0.00 | 0.4 | WSW |
| 12/9/2023 12:10:00 | 21.0 | 18.9 | -2.0 | 0.01 | 0.01 | 0.00 | 0.4 | W |
| 12/9/2023 12:11:00 | 20.9 | 18.5 | -2.5 | 0.01 | 0.01 | 0.00 | 0.5 | W |

| Date/Time | Average Upwind PM10 ($\mu\text{g}/\text{m}^3$) | Average Downwind PM10 ($\mu\text{g}/\text{m}^3$) | Average Contribution PM10 ($\mu\text{g}/\text{m}^3$) | Average Upwind VOC (ppm) | Average Downwind VOC (ppm) | Average Contribution VOC (ppm) | Wind Speed 15 min Avg | Wind Direction |
|--------------------|--|--|--|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 12/9/2023 12:12:00 | 21.1 | 18.3 | -2.8 | 0.01 | 0.01 | 0.00 | 0.5 | W |
| 12/9/2023 12:13:00 | 20.2 | 18.4 | -1.8 | 0.01 | 0.01 | 0.00 | 0.5 | WSW |
| 12/9/2023 12:14:00 | 19.7 | 18.5 | -1.2 | 0.01 | 0.01 | 0.00 | 0.5 | WSW |
| 12/9/2023 12:15:00 | 19.0 | 18.5 | -0.5 | 0.00 | 0.00 | 0.00 | 0.5 | W |
| 12/9/2023 12:16:00 | 17.9 | 18.5 | 0.6 | 0.00 | 0.00 | 0.00 | 0.5 | W |
| 12/9/2023 12:17:00 | 15.6 | 18.4 | 2.9 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |
| 12/9/2023 12:18:00 | 15.4 | 14.9 | -0.6 | 0.00 | 0.00 | 0.00 | 0.5 | SSW |
| 12/9/2023 12:19:00 | 15.3 | 12.4 | -2.9 | 0.00 | 0.00 | 0.00 | 0.5 | ENE |
| 12/9/2023 12:20:00 | 14.0 | 12.1 | -1.9 | 0.00 | 0.00 | 0.00 | 0.5 | NE |
| 12/9/2023 12:21:00 | 13.9 | 11.1 | -2.8 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |
| 12/9/2023 12:22:00 | 13.2 | 10.9 | -2.3 | 0.00 | 0.00 | 0.00 | 0.6 | WSW |
| 12/9/2023 12:23:00 | 12.6 | 10.9 | -1.7 | 0.00 | 0.00 | 0.00 | 0.6 | WSW |
| 12/9/2023 12:24:00 | 12.3 | 10.9 | -1.4 | 0.00 | 0.00 | 0.00 | 0.6 | WSW |
| 12/9/2023 12:25:00 | 12.5 | 10.8 | -1.7 | 0.00 | 0.00 | 0.00 | 0.6 | SW |
| 12/9/2023 12:26:00 | 13.5 | 10.6 | -2.9 | 0.00 | 0.00 | 0.00 | 0.6 | SW |
| 12/9/2023 12:27:00 | 13.7 | 10.5 | -3.2 | 0.01 | 0.00 | 0.00 | 0.7 | SW |
| 12/9/2023 12:28:00 | 13.4 | 10.3 | -3.1 | 0.01 | 0.00 | 0.00 | 0.7 | SSW |
| 12/9/2023 12:29:00 | 13.2 | 10.2 | -3.1 | 0.01 | 0.00 | 0.00 | 0.7 | WSW |
| 12/9/2023 12:30:00 | 13.2 | 10.2 | -3.0 | 0.01 | 0.00 | 0.00 | 0.7 | W |
| 12/9/2023 12:31:00 | 13.1 | 10.2 | -3.0 | 0.01 | 0.00 | 0.00 | 0.7 | W |
| 12/9/2023 12:32:00 | 13.1 | 10.2 | -2.9 | 0.01 | 0.00 | 0.00 | 0.7 | SW |
| 12/9/2023 12:33:00 | 13.1 | 10.1 | -3.0 | 0.00 | 0.00 | 0.00 | 0.7 | ESE |
| 12/9/2023 12:34:00 | 13.0 | 10.1 | -3.0 | 0.01 | 0.00 | 0.00 | 0.7 | S |
| 12/9/2023 12:35:00 | 13.0 | 10.1 | -2.8 | 0.01 | 0.00 | -0.01 | 0.7 | S |
| 12/9/2023 12:36:00 | 12.8 | 10.2 | -2.6 | 0.01 | 0.00 | -0.01 | 0.7 | WSW |
| 12/9/2023 12:37:00 | 12.2 | 10.2 | -1.9 | 0.01 | 0.00 | -0.01 | 0.7 | SSW |
| 12/9/2023 12:38:00 | 11.5 | 10.1 | -1.4 | 0.01 | 0.00 | -0.01 | 0.7 | WSW |
| 12/9/2023 12:39:00 | 11.1 | 10.1 | -1.1 | 0.01 | 0.00 | -0.01 | 0.7 | WSW |
| 12/9/2023 12:40:00 | 10.4 | 10.0 | -0.4 | 0.01 | 0.00 | -0.01 | 0.7 | WSW |
| 12/9/2023 12:41:00 | 9.0 | 9.9 | 0.9 | 0.01 | 0.00 | -0.01 | 0.7 | W |
| 12/9/2023 12:42:00 | 8.6 | 9.9 | 1.3 | 0.00 | 0.00 | 0.00 | 0.6 | SSW |
| 12/9/2023 12:43:00 | 8.5 | 9.9 | 1.4 | 0.00 | 0.00 | 0.00 | 0.6 | W |

| 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 |
|--------------------|-----------------------------|-------------------------------|-----------------------------------|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 12/9/2023 12:44:00 | 8.4 | 9.7 | 1.3 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 12:45:00 | 8.3 | 9.6 | 1.3 | 0.01 | 0.00 | -0.01 | 0.7 | W |
| 12/9/2023 12:46:00 | 8.3 | 9.6 | 1.3 | 0.01 | 0.00 | -0.01 | 0.7 | WSW |
| 12/9/2023 12:47:00 | 8.2 | 9.5 | 1.3 | 0.01 | 0.00 | -0.01 | 0.7 | NW |
| 12/9/2023 12:48:00 | 8.1 | 9.7 | 1.6 | 0.01 | 0.00 | -0.01 | 0.7 | WSW |
| 12/9/2023 12:49:00 | 8.1 | 9.8 | 1.8 | 0.01 | 0.00 | -0.01 | 0.6 | S |
| 12/9/2023 12:50:00 | 8.1 | 9.9 | 1.9 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 12:51:00 | 8.1 | 10.0 | 1.9 | 0.01 | 0.00 | -0.01 | 0.7 | WSW |
| 12/9/2023 12:52:00 | 8.2 | 10.0 | 1.8 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 12:53:00 | 8.2 | 10.1 | 1.9 | 0.00 | 0.00 | 0.00 | 0.6 | WSW |
| 12/9/2023 12:54:00 | 8.4 | 10.2 | 1.8 | 0.00 | 0.00 | 0.00 | 0.6 | WSW |
| 12/9/2023 12:55:00 | | | | 0.01 | 0.00 | -0.01 | 0.6 | SW |
| 12/9/2023 12:56:00 | | | | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 12:57:00 | | | | 0.01 | 0.00 | -0.01 | 0.7 | WSW |
| 12/9/2023 12:58:00 | 28.4 | 9.3 | -19.2 | 0.01 | 0.00 | -0.01 | 0.7 | WNW |
| 12/9/2023 12:59:00 | 26.6 | 9.2 | -17.4 | 0.01 | 0.00 | -0.01 | 0.7 | W |
| 12/9/2023 13:00:00 | 23.6 | 9.3 | -14.3 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 13:01:00 | 20.1 | 11.6 | -8.4 | 0.01 | 0.00 | 0.00 | 0.6 | ENE |
| 12/9/2023 13:02:00 | 20.2 | 11.3 | -8.9 | 0.01 | 0.00 | 0.00 | 0.6 | WSW |
| 12/9/2023 13:03:00 | 20.2 | 11.1 | -9.1 | 0.01 | 0.00 | 0.00 | 0.6 | W |
| 12/9/2023 13:04:00 | 20.4 | 10.8 | -9.5 | 0.01 | 0.00 | 0.00 | 0.6 | WSW |
| 12/9/2023 13:05:00 | 21.8 | 10.7 | -11.1 | 0.01 | 0.00 | 0.00 | 0.6 | SSW |
| 12/9/2023 13:06:00 | 22.6 | 10.8 | -11.8 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 13:07:00 | 22.4 | 12.0 | -10.4 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 13:08:00 | 21.8 | 12.3 | -9.6 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 13:09:00 | 21.9 | 12.1 | -9.8 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 13:10:00 | 21.6 | 11.9 | -9.7 | 0.01 | 0.00 | -0.01 | 0.7 | WSW |
| 12/9/2023 13:11:00 | 21.1 | 11.7 | -9.4 | 0.01 | 0.00 | 0.00 | 0.7 | W |
| 12/9/2023 13:12:00 | 20.7 | 11.7 | -9.1 | 0.01 | 0.00 | 0.00 | 0.6 | W |
| 12/9/2023 13:13:00 | 19.6 | 11.7 | -7.9 | 0.01 | 0.00 | 0.00 | 0.6 | S |
| 12/9/2023 13:14:00 | 18.8 | 11.9 | -6.9 | 0.00 | 0.00 | 0.00 | 0.6 | SW |
| 12/9/2023 13:15:00 | 18.3 | 12.2 | -6.2 | 0.00 | 0.00 | 0.00 | 0.6 | ESE |

| 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 |
|--------------------|-----------------------------|-------------------------------|-----------------------------------|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 12/9/2023 13:16:00 | 18.4 | 12.4 | -6.0 | 0.00 | 0.00 | 0.00 | 0.6 | ESE |
| 12/9/2023 13:17:00 | 18.9 | 12.3 | -6.6 | 0.00 | 0.00 | 0.00 | 0.6 | WSW |
| 12/9/2023 13:18:00 | 18.3 | 13.8 | -4.5 | 0.00 | 0.00 | 0.00 | 0.6 | NNW |
| 12/9/2023 13:19:00 | 19.4 | 13.8 | -5.6 | 0.00 | 0.00 | 0.00 | 0.6 | SSE |
| 12/9/2023 13:20:00 | 18.1 | 15.3 | -2.9 | 0.00 | 0.00 | 0.00 | 0.6 | E |
| 12/9/2023 13:21:00 | 17.9 | 15.7 | -2.2 | 0.01 | 0.00 | 0.00 | 0.6 | W |
| 12/9/2023 13:22:00 | 18.0 | 14.9 | -3.0 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 13:23:00 | 18.2 | 14.7 | -3.5 | 0.01 | 0.00 | -0.01 | 0.7 | WSW |
| 12/9/2023 13:24:00 | 17.8 | 14.8 | -3.0 | 0.01 | 0.00 | -0.01 | 0.7 | WSW |
| 12/9/2023 13:25:00 | 18.4 | 15.1 | -3.4 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 13:26:00 | 18.1 | 15.6 | -2.5 | 0.01 | 0.00 | -0.01 | 0.6 | ENE |
| 12/9/2023 13:27:00 | 17.9 | 15.5 | -2.4 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 13:28:00 | 17.9 | 15.5 | -2.4 | 0.01 | 0.00 | -0.01 | 0.6 | NW |
| 12/9/2023 13:29:00 | 17.7 | 15.4 | -2.3 | 0.01 | 0.00 | -0.01 | 0.6 | NW |
| 12/9/2023 13:30:00 | 17.7 | 15.2 | -2.5 | 0.01 | 0.00 | -0.01 | 0.6 | ESE |
| 12/9/2023 13:31:00 | 17.7 | 14.3 | -3.3 | 0.01 | 0.00 | -0.01 | 0.6 | ENE |
| 12/9/2023 13:32:00 | 16.4 | 15.5 | -0.9 | 0.01 | 0.00 | -0.01 | 0.6 | ESE |
| 12/9/2023 13:33:00 | 17.1 | 14.1 | -3.1 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 13:34:00 | 15.5 | 14.1 | -1.4 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 13:35:00 | 15.2 | 12.8 | -2.4 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 13:36:00 | 14.4 | 12.3 | -2.0 | 0.01 | 0.00 | -0.01 | 0.6 | ESE |
| 12/9/2023 13:37:00 | 13.6 | 12.4 | -1.2 | 0.01 | 0.00 | 0.00 | 0.6 | WSW |
| 12/9/2023 13:38:00 | 12.9 | 12.4 | -0.5 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |
| 12/9/2023 13:39:00 | 12.6 | 12.4 | -0.2 | 0.00 | 0.00 | 0.00 | 0.5 | E |
| 12/9/2023 13:40:00 | 11.6 | 12.3 | 0.7 | 0.00 | 0.00 | 0.00 | 0.5 | NW |
| 12/9/2023 13:41:00 | 11.6 | 11.9 | 0.2 | 0.00 | 0.00 | 0.00 | 0.5 | ENE |
| 12/9/2023 13:42:00 | 12.3 | 11.9 | -0.3 | 0.00 | 0.00 | 0.00 | 0.5 | W |
| 12/9/2023 13:43:00 | 13.6 | 12.1 | -1.5 | 0.00 | 0.00 | 0.00 | 0.5 | W |
| 12/9/2023 13:44:00 | 14.6 | 12.3 | -2.3 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |
| 12/9/2023 13:45:00 | 15.0 | 12.5 | -2.5 | 0.00 | 0.00 | 0.00 | 0.5 | W |
| 12/9/2023 13:46:00 | 15.4 | 12.9 | -2.5 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |
| 12/9/2023 13:47:00 | 16.2 | 12.1 | -4.0 | 0.01 | 0.00 | 0.00 | 0.5 | WSW |

| Date/Time | Average Upwind PM10 ($\mu\text{g}/\text{m}^3$) | Average Downwind PM10 ($\mu\text{g}/\text{m}^3$) | Average Contribution PM10 ($\mu\text{g}/\text{m}^3$) | Average Upwind VOC (ppm) | Average Downwind VOC (ppm) | Average Contribution VOC (ppm) | Wind Speed 15 min Avg | Wind Direction |
|--------------------|--|--|--|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 12/9/2023 13:48:00 | 15.6 | 12.6 | -3.0 | 0.01 | 0.00 | -0.01 | 0.5 | WSW |
| 12/9/2023 13:49:00 | 15.7 | 12.8 | -3.0 | 0.01 | 0.00 | -0.01 | 0.5 | SSE |
| 12/9/2023 13:50:00 | 16.0 | 12.8 | -3.3 | 0.01 | 0.00 | -0.01 | 0.5 | W |
| 12/9/2023 13:51:00 | 16.5 | 12.8 | -3.7 | 0.01 | 0.00 | -0.01 | 0.5 | WSW |
| 12/9/2023 13:52:00 | 17.6 | 12.7 | -4.9 | 0.01 | 0.00 | -0.01 | 0.5 | WSW |
| 12/9/2023 13:53:00 | 18.6 | 12.7 | -6.0 | 0.01 | 0.00 | -0.01 | 0.5 | WNW |
| 12/9/2023 13:54:00 | 19.1 | 12.7 | -6.4 | 0.01 | 0.00 | -0.01 | 0.5 | W |
| 12/9/2023 13:55:00 | 19.3 | 12.7 | -6.6 | 0.01 | 0.00 | -0.01 | 0.5 | W |
| 12/9/2023 13:56:00 | 19.5 | 12.8 | -6.7 | 0.01 | 0.00 | -0.01 | 0.5 | WSW |
| 12/9/2023 13:57:00 | 18.9 | 12.9 | -6.0 | 0.01 | 0.01 | 0.00 | 0.5 | WSW |
| 12/9/2023 13:58:00 | 17.6 | 12.9 | -4.7 | 0.01 | 0.01 | 0.00 | 0.5 | ENE |
| 12/9/2023 13:59:00 | 16.8 | 12.8 | -4.0 | 0.01 | 0.01 | 0.00 | 0.5 | WSW |
| 12/9/2023 14:00:00 | 16.5 | 12.8 | -3.7 | 0.01 | 0.01 | 0.00 | 0.5 | E |
| 12/9/2023 14:01:00 | 16.1 | 12.6 | -3.5 | 0.01 | 0.01 | 0.00 | 0.5 | ENE |
| 12/9/2023 14:02:00 | 15.7 | 12.4 | -3.3 | 0.01 | 0.01 | 0.00 | 0.5 | W |
| 12/9/2023 14:03:00 | 15.7 | 12.0 | -3.7 | 0.01 | 0.01 | -0.01 | 0.5 | WSW |
| 12/9/2023 14:04:00 | 15.6 | 12.0 | -3.5 | 0.01 | 0.01 | 0.00 | 0.5 | ENE |
| 12/9/2023 14:05:00 | 15.5 | 12.1 | -3.4 | 0.01 | 0.02 | 0.01 | 0.5 | N |
| 12/9/2023 14:06:00 | 15.1 | 12.4 | -2.7 | 0.02 | 0.02 | 0.00 | 0.5 | W |
| 12/9/2023 14:07:00 | 14.6 | 12.8 | -1.8 | 0.02 | 0.02 | 0.00 | 0.5 | WNW |
| 12/9/2023 14:08:00 | 13.8 | 13.1 | -0.7 | 0.02 | 0.02 | 0.00 | 0.5 | NW |
| 12/9/2023 14:09:00 | 13.9 | 13.2 | -0.8 | 0.02 | 0.02 | 0.00 | 0.4 | NNW |
| 12/9/2023 14:10:00 | 14.0 | 13.2 | -0.8 | 0.02 | 0.02 | 0.00 | 0.4 | N |
| 12/9/2023 14:11:00 | 14.0 | 13.3 | -0.7 | 0.02 | 0.02 | 0.00 | 0.4 | NW |
| 12/9/2023 14:12:00 | 13.9 | 13.4 | -0.5 | 0.02 | 0.01 | -0.01 | 0.4 | WSW |
| 12/9/2023 14:13:00 | 13.9 | 13.5 | -0.4 | 0.01 | 0.01 | -0.01 | 0.4 | WSW |
| 12/9/2023 14:14:00 | 13.8 | 13.6 | -0.2 | 0.02 | 0.01 | -0.01 | 0.4 | WSW |
| 12/9/2023 14:15:00 | 14.1 | 13.5 | -0.5 | 0.02 | 0.01 | -0.01 | 0.4 | NNW |
| 12/9/2023 14:16:00 | 14.3 | 13.5 | -0.8 | 0.02 | 0.01 | -0.01 | 0.5 | WSW |
| 12/9/2023 14:17:00 | 14.4 | 13.6 | -0.8 | 0.02 | 0.01 | -0.01 | 0.5 | WSW |
| 12/9/2023 14:18:00 | 14.3 | 13.6 | -0.7 | 0.01 | 0.01 | 0.00 | 0.5 | WSW |
| 12/9/2023 14:19:00 | 14.6 | 13.6 | -1.0 | 0.01 | 0.01 | -0.01 | 0.5 | W |

| Date/Time | Average Upwind PM10 ($\mu\text{g}/\text{m}^3$) | Average Downwind PM10 ($\mu\text{g}/\text{m}^3$) | Average Contribution PM10 ($\mu\text{g}/\text{m}^3$) | Average Upwind VOC (ppm) | Average Downwind VOC (ppm) | Average Contribution VOC (ppm) | Wind Speed 15 min Avg | Wind Direction |
|--------------------|--|--|--|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 12/9/2023 14:20:00 | 14.9 | 13.4 | -1.4 | 0.01 | 0.00 | -0.01 | 0.5 | WSW |
| 12/9/2023 14:21:00 | 14.8 | 13.3 | -1.5 | 0.01 | 0.00 | -0.01 | 0.5 | NE |
| 12/9/2023 14:22:00 | 14.5 | 13.1 | -1.4 | 0.01 | 0.00 | -0.01 | 0.5 | WNW |
| 12/9/2023 14:23:00 | 14.6 | 13.4 | -1.1 | 0.01 | 0.00 | -0.01 | 0.5 | W |
| 12/9/2023 14:24:00 | 14.1 | 13.9 | -0.2 | 0.01 | 0.00 | -0.01 | 0.5 | WNW |
| 12/9/2023 14:25:00 | 13.9 | 14.0 | 0.1 | 0.01 | 0.00 | -0.01 | 0.6 | WNW |
| 12/9/2023 14:26:00 | 13.8 | 13.9 | 0.1 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 14:27:00 | 13.9 | 13.7 | -0.2 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 14:28:00 | 13.9 | 13.6 | -0.3 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 14:29:00 | 13.9 | 13.5 | -0.4 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 14:30:00 | 13.7 | 13.5 | -0.1 | 0.01 | 0.00 | -0.01 | 0.6 | WNW |
| 12/9/2023 14:31:00 | 13.4 | 13.4 | 0.0 | 0.01 | 0.00 | -0.01 | 0.6 | WNW |
| 12/9/2023 14:32:00 | 13.1 | 13.3 | 0.2 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 14:33:00 | 12.9 | 13.2 | 0.3 | 0.01 | 0.00 | -0.01 | 0.5 | W |
| 12/9/2023 14:34:00 | 12.6 | 13.2 | 0.6 | 0.01 | 0.00 | -0.01 | 0.5 | W |
| 12/9/2023 14:35:00 | 12.2 | 13.1 | 0.8 | 0.01 | 0.00 | 0.00 | 0.5 | E |
| 12/9/2023 14:36:00 | 12.2 | 12.9 | 0.7 | 0.01 | 0.00 | -0.01 | 0.5 | SE |
| 12/9/2023 14:37:00 | 12.3 | 12.7 | 0.4 | 0.00 | 0.00 | 0.00 | 0.6 | SE |
| 12/9/2023 14:38:00 | 12.1 | 12.0 | -0.1 | 0.00 | 0.00 | 0.00 | 0.6 | E |
| 12/9/2023 14:39:00 | 12.2 | 11.6 | -0.6 | 0.00 | 0.00 | 0.00 | 0.6 | E |
| 12/9/2023 14:40:00 | 12.3 | 11.6 | -0.7 | 0.00 | 0.00 | 0.00 | 0.6 | NW |
| 12/9/2023 14:41:00 | 12.7 | 12.1 | -0.6 | 0.00 | 0.00 | 0.00 | 0.6 | E |
| 12/9/2023 14:42:00 | 13.0 | 12.6 | -0.4 | 0.00 | 0.00 | 0.00 | 0.5 | E |
| 12/9/2023 14:43:00 | 13.4 | 13.0 | -0.5 | 0.00 | 0.00 | 0.00 | 0.5 | ENE |
| 12/9/2023 14:44:00 | 14.4 | 13.1 | -1.3 | 0.00 | 0.00 | 0.00 | 0.5 | N |
| 12/9/2023 14:45:00 | 14.6 | 14.3 | -0.2 | 0.00 | 0.00 | 0.00 | 0.4 | WNW |
| 12/9/2023 14:46:00 | 15.4 | 14.4 | -0.9 | 0.00 | 0.00 | 0.00 | 0.4 | E |
| 12/9/2023 14:47:00 | 15.5 | 14.8 | -0.7 | 0.00 | 0.00 | 0.00 | 0.4 | WSW |
| 12/9/2023 14:48:00 | 15.5 | 14.9 | -0.6 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |
| 12/9/2023 14:49:00 | 15.6 | 14.9 | -0.7 | 0.00 | 0.00 | 0.00 | 0.4 | NNW |
| 12/9/2023 14:50:00 | 15.5 | 15.0 | -0.5 | 0.00 | 0.00 | 0.00 | 0.5 | W |
| 12/9/2023 14:51:00 | 15.4 | 15.0 | -0.4 | 0.00 | 0.00 | 0.00 | 0.5 | W |

| 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 |
|--------------------|-----------------------------|-------------------------------|-----------------------------------|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 12/9/2023 14:52:00 | 15.2 | 15.0 | -0.1 | 0.00 | 0.00 | 0.00 | 0.4 | NE |
| 12/9/2023 14:53:00 | 15.0 | 15.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.4 | NNE |
| 12/9/2023 14:54:00 | 14.7 | 14.8 | 0.1 | 0.00 | 0.00 | 0.00 | 0.4 | E |
| 12/9/2023 14:55:00 | 14.5 | 14.5 | 0.0 | 0.00 | 0.00 | 0.00 | 0.4 | SW |
| 12/9/2023 14:56:00 | 14.5 | 13.9 | -0.6 | 0.00 | 0.00 | 0.00 | 0.4 | W |
| 12/9/2023 14:57:00 | 14.8 | 13.4 | -1.4 | 0.00 | 0.00 | 0.00 | 0.4 | WNW |
| 12/9/2023 14:58:00 | 14.3 | 13.0 | -1.4 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |
| 12/9/2023 14:59:00 | 13.3 | 12.7 | -0.6 | 0.00 | 0.00 | 0.00 | 0.5 | W |
| 12/9/2023 15:00:00 | 13.0 | 11.5 | -1.5 | 0.00 | 0.00 | 0.00 | 0.5 | W |
| 12/9/2023 15:01:00 | 12.0 | 11.4 | -0.7 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |
| 12/9/2023 15:02:00 | 11.8 | 10.9 | -0.9 | 0.00 | 0.00 | 0.00 | 0.6 | WSW |
| 12/9/2023 15:03:00 | 11.6 | 10.7 | -0.9 | 0.00 | 0.00 | 0.00 | 0.6 | WSW |
| 12/9/2023 15:04:00 | 11.4 | 11.1 | -0.3 | 0.00 | 0.00 | 0.00 | 0.6 | W |
| 12/9/2023 15:05:00 | 11.4 | 11.1 | -0.3 | 0.00 | 0.00 | 0.00 | 0.7 | WSW |
| 12/9/2023 15:06:00 | 11.4 | 11.3 | -0.1 | 0.00 | 0.00 | 0.00 | 0.7 | WSW |
| 12/9/2023 15:07:00 | 11.3 | 11.4 | 0.0 | 0.00 | 0.00 | 0.00 | 0.7 | WSW |
| 12/9/2023 15:08:00 | 11.3 | 11.4 | 0.1 | 0.00 | 0.00 | 0.00 | 0.7 | WSW |
| 12/9/2023 15:09:00 | 11.2 | 11.4 | 0.1 | 0.00 | 0.00 | 0.00 | 0.7 | WSW |
| 12/9/2023 15:10:00 | 11.0 | 11.4 | 0.4 | 0.00 | 0.00 | 0.00 | 0.7 | W |
| 12/9/2023 15:11:00 | 10.4 | 11.3 | 0.9 | 0.00 | 0.00 | 0.00 | 0.7 | W |
| 12/9/2023 15:12:00 | 9.6 | 11.2 | 1.7 | 0.00 | 0.00 | 0.00 | 0.7 | WSW |
| 12/9/2023 15:13:00 | 9.3 | 11.1 | 1.8 | 0.00 | 0.00 | 0.00 | 0.6 | NW |
| 12/9/2023 15:14:00 | 9.4 | 11.0 | 1.7 | 0.00 | 0.00 | 0.00 | 0.6 | NE |
| 12/9/2023 15:15:00 | 9.4 | 10.9 | 1.5 | 0.00 | 0.00 | 0.00 | 0.6 | NE |
| 12/9/2023 15:16:00 | 9.6 | 10.8 | 1.3 | 0.00 | 0.00 | 0.00 | 0.6 | ENE |
| 12/9/2023 15:17:00 | 9.6 | 11.0 | 1.4 | 0.00 | 0.00 | 0.00 | 0.6 | WSW |
| 12/9/2023 15:18:00 | 9.6 | 11.1 | 1.5 | 0.00 | 0.00 | 0.00 | 0.5 | SW |
| 12/9/2023 15:19:00 | 9.6 | 10.8 | 1.1 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |
| 12/9/2023 15:20:00 | 9.5 | 10.9 | 1.4 | 0.00 | 0.00 | 0.00 | 0.5 | W |
| 12/9/2023 15:21:00 | 9.5 | 10.8 | 1.4 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |
| 12/9/2023 15:22:00 | 9.5 | 10.9 | 1.3 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |
| 12/9/2023 15:23:00 | 9.6 | 10.9 | 1.4 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |

| 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 |
|--------------------|-----------------------------|-------------------------------|-----------------------------------|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 12/9/2023 15:24:00 | 9.5 | 10.9 | 1.4 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |
| 12/9/2023 15:25:00 | 9.5 | 11.0 | 1.4 | 0.00 | 0.00 | 0.00 | 0.5 | W |
| 12/9/2023 15:26:00 | 9.5 | 11.0 | 1.5 | 0.00 | 0.00 | 0.00 | 0.6 | WSW |
| 12/9/2023 15:27:00 | 9.5 | 11.1 | 1.5 | 0.00 | 0.00 | 0.00 | 0.6 | WSW |
| 12/9/2023 15:28:00 | 11.5 | 11.1 | -0.4 | 0.00 | 0.00 | 0.00 | 0.7 | WSW |
| 12/9/2023 15:29:00 | 16.5 | 11.2 | -5.3 | 0.00 | 0.00 | 0.00 | 0.7 | W |
| 12/9/2023 15:30:00 | 16.9 | 11.3 | -5.6 | 0.00 | 0.00 | 0.00 | 0.7 | W |
| 12/9/2023 15:31:00 | 16.9 | 11.4 | -5.5 | 0.01 | 0.00 | -0.01 | 0.7 | W |
| 12/9/2023 15:32:00 | 17.1 | 11.3 | -5.7 | 0.01 | 0.00 | -0.01 | 0.7 | WSW |
| 12/9/2023 15:33:00 | 17.2 | 11.2 | -6.0 | 0.01 | 0.00 | -0.01 | 0.7 | ENE |
| 12/9/2023 15:34:00 | 17.3 | 11.2 | -6.1 | 0.01 | 0.00 | -0.01 | 0.7 | E |
| 12/9/2023 15:35:00 | 17.4 | 11.0 | -6.3 | 0.01 | 0.00 | -0.01 | 0.7 | WSW |
| 12/9/2023 15:36:00 | 17.4 | 10.9 | -6.5 | 0.01 | 0.00 | -0.01 | 0.7 | W |
| 12/9/2023 15:37:00 | 17.4 | 11.0 | -6.4 | 0.01 | 0.00 | -0.01 | 0.7 | SSW |
| 12/9/2023 15:38:00 | 17.4 | 11.2 | -6.2 | 0.01 | 0.00 | -0.01 | 0.6 | SW |
| 12/9/2023 15:39:00 | 17.5 | 11.5 | -6.0 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 15:40:00 | 17.6 | 11.7 | -5.9 | 0.01 | 0.00 | -0.01 | 0.6 | W |
| 12/9/2023 15:41:00 | 17.6 | 12.0 | -5.7 | 0.01 | 0.00 | -0.01 | 0.6 | WSW |
| 12/9/2023 15:42:00 | 17.7 | 12.2 | -5.5 | 0.01 | 0.00 | -0.01 | 0.5 | WNW |
| 12/9/2023 15:43:00 | 15.8 | 12.4 | -3.4 | 0.01 | 0.00 | -0.01 | 0.5 | WSW |
| 12/9/2023 15:44:00 | 11.1 | 12.8 | 1.7 | 0.01 | 0.00 | -0.01 | 0.4 | N |
| 12/9/2023 15:45:00 | 11.1 | 12.9 | 1.9 | 0.01 | 0.00 | -0.01 | 0.4 | ENE |
| 12/9/2023 15:46:00 | 11.1 | 12.9 | 1.8 | 0.00 | 0.00 | 0.00 | 0.5 | E |
| 12/9/2023 15:47:00 | 11.3 | 12.9 | 1.6 | 0.00 | 0.00 | 0.00 | 0.5 | E |
| 12/9/2023 15:48:00 | 11.2 | 13.0 | 1.8 | 0.00 | 0.00 | 0.00 | 0.5 | W |
| 12/9/2023 15:49:00 | 11.1 | 13.0 | 1.9 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |
| 12/9/2023 15:50:00 | 11.3 | 13.0 | 1.7 | 0.00 | 0.00 | 0.00 | 0.5 | W |
| 12/9/2023 15:51:00 | 11.7 | 13.0 | 1.3 | 0.00 | 0.00 | 0.00 | 0.5 | SW |
| 12/9/2023 15:52:00 | 11.9 | 13.1 | 1.2 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |
| 12/9/2023 15:53:00 | 12.0 | 13.1 | 1.2 | 0.00 | 0.00 | 0.00 | 0.5 | W |
| 12/9/2023 15:54:00 | 12.0 | 13.0 | 1.0 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |
| 12/9/2023 15:55:00 | 12.0 | 13.2 | 1.2 | 0.00 | 0.00 | 0.00 | 0.5 | WSW |

| 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 |
|--------------------|-----------------------------|-------------------------------|-----------------------------------|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 12/9/2023 15:56:00 | 12.3 | 12.9 | 0.7 | 0.00 | 0.00 | 0.00 | 0.5 | NW |
| 12/9/2023 15:57:00 | 12.3 | 13.0 | 0.7 | 0.00 | 0.00 | 0.00 | 0.5 | W |
| 12/9/2023 15:58:00 | 12.9 | 12.8 | -0.1 | 0.00 | 0.00 | 0.00 | 0.5 | E |
| 12/9/2023 15:59:00 | 13.3 | 12.4 | -0.8 | 0.00 | 0.00 | 0.00 | 0.5 | NE |
| 12/9/2023 16:00:00 | 13.4 | 12.4 | -1.0 | 0.00 | 0.00 | 0.00 | 0.5 | ENE |
| 12/9/2023 16:01:00 | 13.3 | 12.4 | -0.9 | 0.00 | 0.00 | 0.00 | 0.5 | ESE |
| 12/9/2023 16:02:00 | 13.2 | 12.3 | -0.9 | 0.00 | 0.00 | 0.00 | 0.5 | NNE |
| 12/9/2023 16:03:00 | 13.2 | 12.3 | -0.9 | 0.00 | 0.00 | 0.00 | 0.5 | W |
| 12/9/2023 16:04:00 | 13.3 | 12.1 | -1.1 | 0.00 | 0.00 | 0.00 | 0.5 | NNE |
| 12/9/2023 16:05:00 | 13.0 | 12.1 | -0.9 | 0.00 | 0.00 | 0.00 | 0.6 | W |
| 12/9/2023 16:06:00 | 12.7 | 12.0 | -0.8 | 0.00 | 0.00 | 0.00 | 0.6 | E |
| 12/9/2023 16:07:00 | 12.6 | 11.6 | -1.0 | 0.00 | 0.00 | 0.00 | 0.6 | ENE |
| 12/9/2023 16:08:00 | 12.7 | 11.4 | -1.3 | 0.00 | 0.00 | 0.00 | 0.6 | ESE |
| 12/9/2023 16:09:00 | 12.7 | 11.2 | -1.6 | 0.00 | 0.00 | 0.00 | 0.7 | E |
| 12/9/2023 16:10:00 | 12.9 | 10.7 | -2.2 | 0.00 | 0.00 | 0.00 | 0.7 | ESE |
| 12/9/2023 16:11:00 | 12.6 | 10.8 | -1.8 | 0.00 | 0.00 | 0.00 | 0.7 | WSW |
| 12/9/2023 16:12:00 | 12.7 | 10.6 | -2.1 | 0.00 | 0.00 | 0.00 | 0.7 | ENE |
| 12/9/2023 16:13:00 | 12.1 | 10.6 | -1.4 | 0.00 | 0.00 | 0.00 | 0.7 | W |
| 12/9/2023 16:14:00 | 11.5 | 10.7 | -0.8 | 0.00 | 0.00 | 0.00 | 0.8 | W |
| 12/9/2023 16:15:00 | 11.1 | 10.7 | -0.5 | 0.00 | 0.00 | 0.00 | 0.8 | W |
| 12/9/2023 16:16:00 | 11.0 | 10.8 | -0.2 | 0.00 | 0.00 | 0.00 | 0.8 | NW |
| 12/9/2023 16:17:00 | 11.0 | 10.8 | -0.2 | 0.00 | 0.00 | 0.00 | 0.8 | ENE |
| 12/9/2023 16:18:00 | 11.1 | 10.7 | -0.4 | 0.00 | 0.00 | 0.00 | 0.7 | ENE |
| 12/9/2023 16:19:00 | 11.1 | 10.8 | -0.4 | 0.00 | 0.00 | 0.00 | 0.7 | NE |
| 12/9/2023 16:20:00 | 11.3 | 10.8 | -0.6 | 0.00 | 0.00 | 0.00 | 0.6 | ENE |
| 12/9/2023 16:21:00 | 11.3 | 10.9 | -0.4 | 0.00 | 0.00 | 0.00 | 0.6 | WNW |
| 12/9/2023 16:22:00 | | | | | | | 0.6 | E |