

**DAILY FIELD REPORT 027**

Prepared By: LANGAN

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

|                        |         |              |               |
|------------------------|---------|--------------|---------------|
| <b>BCP Project No:</b> | C231153 | <b>Date:</b> | July 13, 2023 |
|------------------------|---------|--------------|---------------|

|                      |   |              |                    |
|----------------------|---|--------------|--------------------|
| <b>Project Name:</b> | Kasser Scrap Metal and Rector Cleaners Site | <b>Time:</b> | 6:45 am to 3:30 pm |
|----------------------|---|--------------|--------------------|

**Consultant:** Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

**Construction Manager:** Consigli Construction Co., Inc. (Consigli)

**Foundation Contractor:** Urban Foundation/Engineering (Urban)

**Langan Field Personnel:**

Caitlyn Dempsey (Environmental)

Xianglei Zheng (Geotechnical)

**Work Activities Performed:**

- Urban excavated an about 25-foot-long by 5-foot-wide area to about 7 feet below grade surface (bgs) in the western area of waste characterization grids WC02\_0-5 and WC02\_5-10 to prepare for installation of soil-mix columns. Excavated soil/fill was temporarily stockpiled adjacent to the excavation area prior to being replaced into the excavation.
- Urban graded an about 75-foot-long by 50-foot-wide area of soil/fill in the southeastern part of waste characterization grid WC02 to prepare for equipment mobilization.
- All excavated and graded soil/fill consisted of non-native soil; odors, staining, elevated photoionization detector (PID) readings, or other evidence of a petroleum or chemical release were not observed.
- Urban installed three, about 58-inch-diameter, soil-mix columns using a Bauer BG 28H drilling rig in the northwestern and western parts of the site.
- Urban continued drilling a rock socket for one caisson using a Double L drilling rig in the central part of the site.

**Material Tracking:**

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

| Materials Export Summary |                                      |                     |                                     |                     |                           |                     |                          |                         |
|--------------------------|--------------------------------------|---------------------|-------------------------------------|---------------------|---------------------------|---------------------|--------------------------|-------------------------|
| <b>Facility Name</b>     | <i>Bayshore Soil Management, LLC</i> |                     | <i>Clean Earth of Carteret, LLC</i> |                     | <i>PPark NJ</i>           |                     | <i>Faztec Solutions</i>  |                         |
| <b>Location</b>          | <i>Keasbey, NJ</i>                   |                     | <i>Carteret, NJ</i>                 |                     | <i>Prospect Park, NJ</i>  |                     | <i>Staten Island, NY</i> |                         |
| <b>Type of Waste</b>     | <i>Non-hazardous Soil</i>            |                     | <i>Non-hazardous Soil</i>           |                     | <i>Non-hazardous Soil</i> |                     | <i>C&amp;D</i>           |                         |
| 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) |
|                          | 25                                   | 500                 | 20                                  | 400                 | 0                         | -                   | 14                       | 280                     |

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

**Samples Collected:**

- No samples were collected.

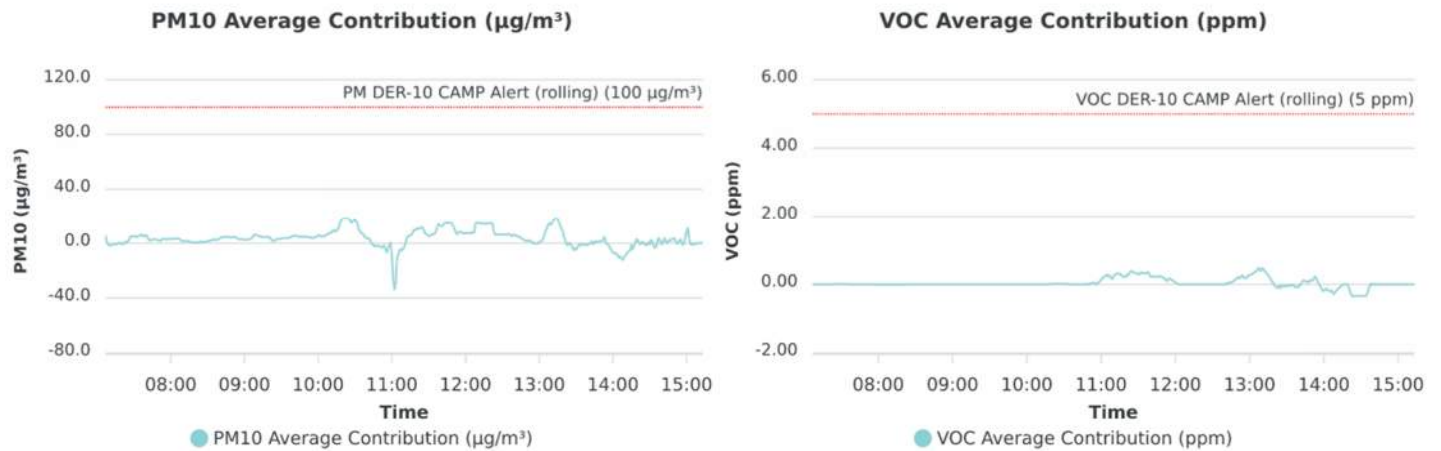
**Air Monitoring:**

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/m<sup>3</sup> for particulates and 5 ppm for organic vapors. No particulates (PM10) or organic vapors exceeded the 15-minute average site contribution action levels of 100 µg/m<sup>3</sup> and 5 ppm, respectively, on this day. Data gaps were encountered from 11:00 to 11:01 and 14:58 to 15:00. These data gaps are attributed to automated calibrations conducted at the stations.

| Particulate Monitoring (µg/m <sup>3</sup> ) |       | Organic Vapor Monitoring (ppm)          |       |
|---|-------|---|-------|
| Daily Background                            | 11.9  | Daily Background                        | 0.00  |
| PM10 Average Site Contribution (Minimum)    | -33.8 | VOC Average Site Contribution (Minimum) | -0.36 |
| PM10 Average Site Contribution (Maximum)    | 18.7  | VOC Average Site Contribution (Maximum) | 0.47  |

µg/m<sup>3</sup>: micrograms per cubic meter.

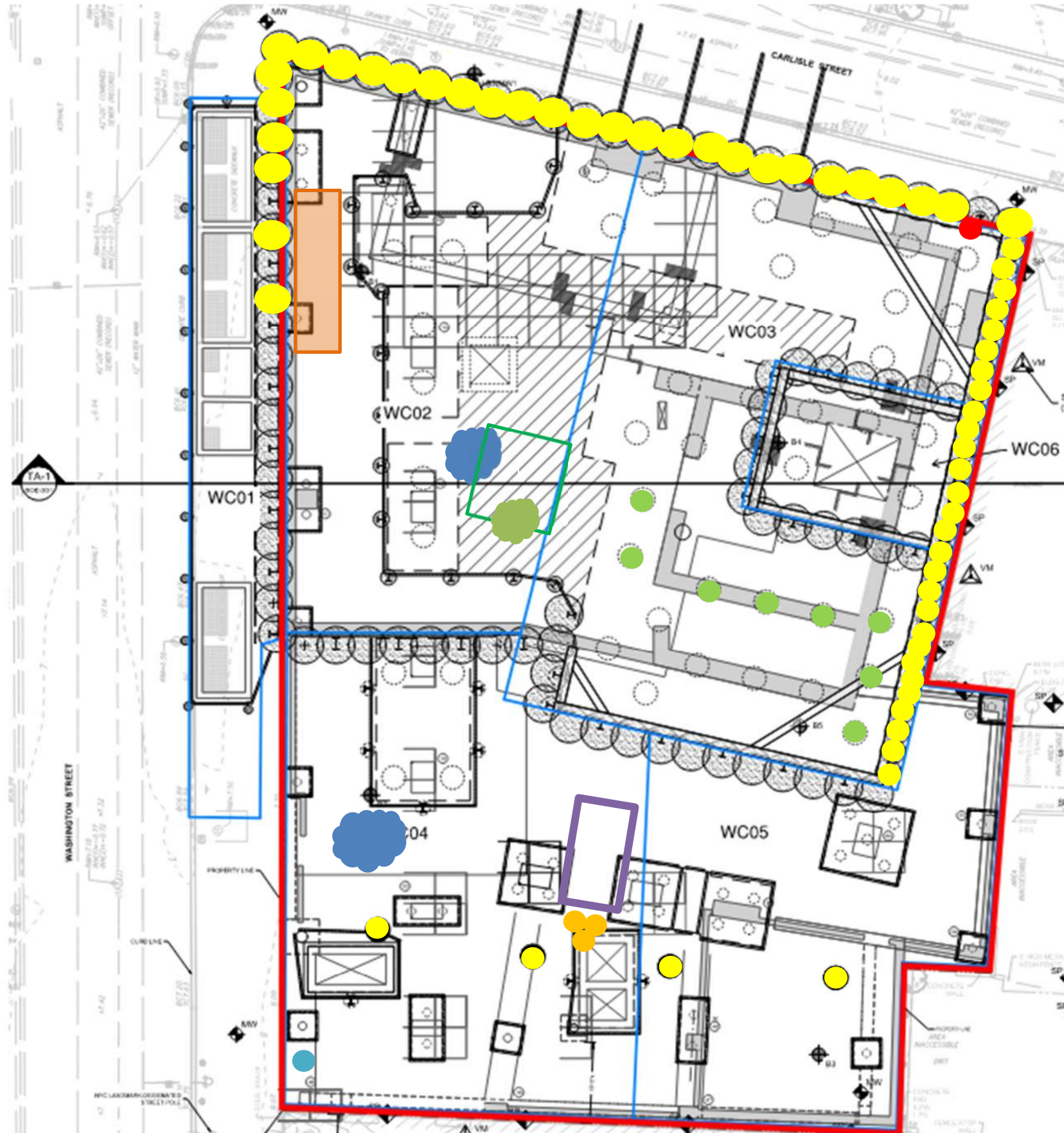
ppm: parts per million.



**Planned Activities:**

- Urban will continue installing soil-mix columns throughout the site.
- Urban will continue installing caisson casings throughout the site.

**SITE PLAN**



- Site Boundary**
- Waste Characterization Grid Boundary**
- CAMP station 1**
- CAMP station 2**
- Stockpile - Soil (no impacts)**
- Stockpile - C&D**
- Approximate Location of Excavation**
- Approximate Area of Grading**
- Approximate Backfill Location**
- Completed Soil-Mix Column**
- Completed Caisson Casing**
- Completed Soil-Mix Column as part of the In-Situ Stabilization of NAPL-contaminated Soil**
- 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:** Urban installing a soil-mix column in the western part of the site (facing north).



**Photo 2:** Urban excavating soil/fill in waste characterization grid WC02\_0-5 (facing northwest).





**Photo 3:** View of CAMP Station 1 (next to the construction fence) in the northeastern part of the site (facing northeast).



**Photo 4:** View of CAMP Station 2 in the southwestern part of the site (facing east).



**Photo 5:** View of the entrance/exit of the site along Washington Street at the end of the work day (facing northeast).



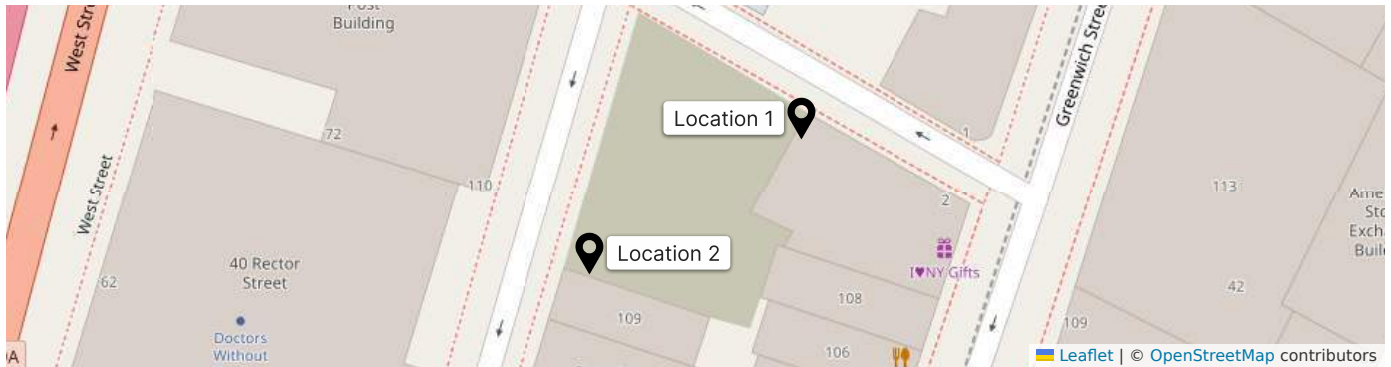
**Photo 6:** View of the entrance/exit of the site at the corner of Washington and Carlisle Street at the end of the work day (facing southeast).





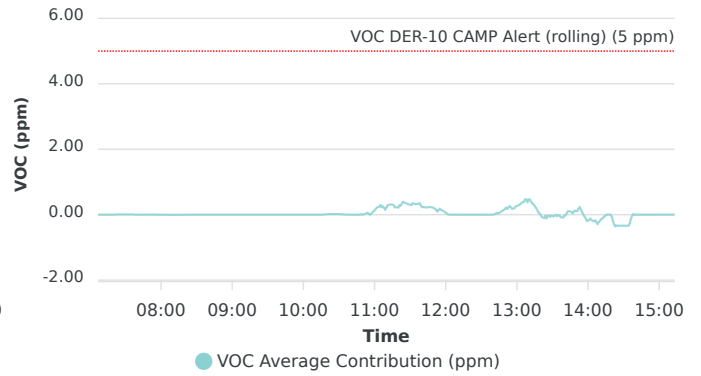
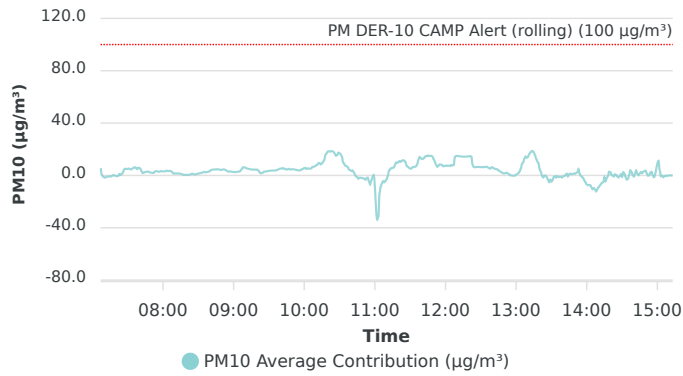
|                          |                              |                                      |                              |
|--------------------------|------------------------------|--------------------------------------|------------------------------|
| <b>LANGAN</b>            | <b>Air Monitoring Report</b> | <b>170695201 - 111 Washington St</b> |                              |
|                          |                              | <b>Report Period</b>                 |                              |
|                          |                              | <b>From:</b>                         | 7/13/2023 00:00              |
|                          |                              | <b>To:</b>                           | 7/14/2023 00:00              |
|                          |                              | <b>PM10 Action Level:</b>            | 100 $\mu\text{g}/\text{m}^3$ |
| <b>VOC Action Level:</b> | 5 ppm                        |                                      |                              |

|                                    |                        |                                  |
|------------------------------------|------------------------|----------------------------------|
| <b>Daily Environmental Summary</b> | <b>Windspeed (mph)</b> | <b>Prevailing wind direction</b> |
| 7/13/2023                          | 0.3-2.5                | WNW                              |



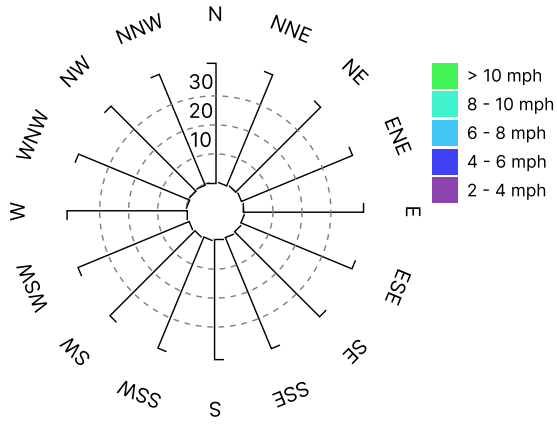
**PM10 Average Contribution ( $\mu\text{g}/\text{m}^3$ )**

**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 |
|--------------------|-----------------------------|-------------------------------|-----------------------------------|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 7/13/2023 07:07:00 | 11.9                        | 17.4                          | 5.5                               | 0.00                     | 0.00                       | 0.00                           | 1.1                   | WNW            |
| 7/13/2023 07:08:00 | 13.8                        | 14.4                          | 0.6                               | 0.00                     | 0.00                       | 0.00                           | 1.1                   | NNW            |
| 7/13/2023 07:09:00 | 14.0                        | 13.2                          | -0.7                              | 0.00                     | 0.00                       | 0.00                           | 0.9                   | ESE            |
| 7/13/2023 07:10:00 | 14.1                        | 12.6                          | -1.5                              | 0.00                     | 0.00                       | 0.00                           | 0.9                   | ESE            |
| 7/13/2023 07:11:00 | 14.0                        | 12.3                          | -1.7                              | 0.00                     | 0.00                       | 0.00                           | 0.8                   | NE             |
| 7/13/2023 07:12:00 | 13.6                        | 12.4                          | -1.2                              | 0.00                     | 0.00                       | 0.00                           | 0.8                   | SW             |
| 7/13/2023 07:13:00 | 13.3                        | 12.5                          | -0.7                              | 0.00                     | 0.00                       | 0.00                           | 0.8                   | SW             |
| 7/13/2023 07:14:00 | 13.3                        | 12.3                          | -1.0                              | 0.00                     | 0.00                       | 0.00                           | 0.9                   | ESE            |
| 7/13/2023 07:15:00 | 13.0                        | 12.4                          | -0.7                              | 0.00                     | 0.00                       | 0.00                           | 0.8                   | SSW            |
| 7/13/2023 07:16:00 | 13.1                        | 12.2                          | -0.8                              | 0.00                     | 0.00                       | 0.00                           | 0.8                   | NNW            |
| 7/13/2023 07:17:00 | 12.8                        | 12.6                          | -0.2                              | 0.00                     | 0.00                       | 0.00                           | 0.8                   | S              |
| 7/13/2023 07:18:00 | 12.6                        | 12.9                          | 0.3                               | 0.00                     | 0.00                       | 0.00                           | 0.8                   | NNW            |
| 7/13/2023 07:19:00 | 12.8                        | 12.6                          | -0.2                              | 0.00                     | 0.00                       | 0.00                           | 0.8                   | NE             |
| 7/13/2023 07:20:00 | 12.9                        | 12.5                          | -0.4                              | 0.00                     | 0.00                       | 0.00                           | 0.8                   | ENE            |
| 7/13/2023 07:21:00 | 13.1                        | 12.4                          | -0.7                              | 0.00                     | 0.00                       | 0.00                           | 0.8                   | SE             |
| 7/13/2023 07:22:00 | 13.2                        | 12.9                          | -0.3                              | 0.00                     | 0.00                       | 0.00                           | 0.7                   | SSE            |
| 7/13/2023 07:23:00 | 13.2                        | 14.2                          | 1.1                               | 0.00                     | 0.01                       | 0.01                           | 0.7                   | W              |
| 7/13/2023 07:24:00 | 14.3                        | 14.8                          | 0.5                               | 0.00                     | 0.01                       | 0.01                           | 0.7                   | ESE            |
| 7/13/2023 07:25:00 | 14.4                        | 15.5                          | 1.0                               | 0.00                     | 0.01                       | 0.01                           | 0.7                   | WNW            |
| 7/13/2023 07:26:00 | 14.5                        | 16.7                          | 2.3                               | 0.00                     | 0.01                       | 0.01                           | 0.7                   | WNW            |
| 7/13/2023 07:27:00 | 14.7                        | 19.2                          | 4.5                               | 0.00                     | 0.01                       | 0.01                           | 0.7                   | WSW            |
| 7/13/2023 07:28:00 | 15.1                        | 20.2                          | 5.1                               | 0.00                     | 0.01                       | 0.01                           | 0.8                   | WNW            |
| 7/13/2023 07:29:00 | 15.5                        | 20.5                          | 5.0                               | 0.00                     | 0.01                       | 0.01                           | 0.7                   | ENE            |
| 7/13/2023 07:30:00 | 15.7                        | 20.7                          | 4.9                               | 0.00                     | 0.01                       | 0.01                           | 0.7                   | W              |
| 7/13/2023 07:31:00 | 15.7                        | 20.9                          | 5.3                               | 0.00                     | 0.01                       | 0.01                           | 0.7                   | WNW            |
| 7/13/2023 07:32:00 | 15.9                        | 20.7                          | 4.8                               | 0.00                     | 0.01                       | 0.01                           | 0.7                   | SE             |
| 7/13/2023 07:33:00 | 16.0                        | 20.5                          | 4.6                               | 0.00                     | 0.01                       | 0.01                           | 0.8                   | SW             |
| 7/13/2023 07:34:00 | 15.6                        | 20.9                          | 5.3                               | 0.00                     | 0.01                       | 0.01                           | 0.8                   | NW             |
| 7/13/2023 07:35:00 | 15.4                        | 21.0                          | 5.7                               | 0.00                     | 0.01                       | 0.01                           | 0.8                   | WNW            |
| 7/13/2023 07:36:00 | 15.0                        | 21.3                          | 6.3                               | 0.00                     | 0.01                       | 0.01                           | 0.8                   | WNW            |
| 7/13/2023 07:37:00 | 14.8                        | 20.6                          | 5.8                               | 0.00                     | 0.01                       | 0.00                           | 0.8                   | SSE            |
| 7/13/2023 07:38:00 | 14.5                        | 19.3                          | 4.8                               | 0.00                     | 0.00                       | 0.00                           | 0.8                   | SW             |

| 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 |
|--------------------|--|--|--|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 7/13/2023 07:39:00 | 13.1   | 18.9   | 5.8  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | NNW            |
| 7/13/2023 07:40:00 | 12.7   | 18.4   | 5.7  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | WNW            |
| 7/13/2023 07:41:00 | 12.4   | 17.3   | 4.9  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | W              |
| 7/13/2023 07:42:00 | 12.1   | 14.8   | 2.8  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | WNW            |
| 7/13/2023 07:43:00 | 12.0   | 13.7   | 1.7  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | ENE            |
| 7/13/2023 07:44:00 | 11.3   | 13.5   | 2.3  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | WNW            |
| 7/13/2023 07:45:00 | 10.9   | 13.6   | 2.6  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | WNW            |
| 7/13/2023 07:46:00 | 10.8   | 13.6   | 2.8  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | WNW            |
| 7/13/2023 07:47:00 | 10.6   | 13.6   | 3.0  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | W              |
| 7/13/2023 07:48:00 | 10.8   | 13.4   | 2.6  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | SE             |
| 7/13/2023 07:49:00 | 10.8   | 13.2   | 2.3  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | NW             |
| 7/13/2023 07:50:00 | 11.0   | 13.1   | 2.1  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | ENE            |
| 7/13/2023 07:51:00 | 11.1   | 13.0   | 1.9  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | W              |
| 7/13/2023 07:52:00 | 11.1   | 13.1   | 1.9  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | WNW            |
| 7/13/2023 07:53:00 | 11.4   | 14.2   | 2.8  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | WNW            |
| 7/13/2023 07:54:00 | 12.0   | 15.3   | 3.3  | 0.00                     | 0.00                       | 0.00                           | 0.7                   | NW             |
| 7/13/2023 07:55:00 | 12.7   | 15.8   | 3.1  | 0.00                     | 0.00                       | 0.00                           | 0.7                   | SE             |
| 7/13/2023 07:56:00 | 13.2   | 16.1   | 2.8  | 0.00                     | 0.00                       | 0.00                           | 0.7                   | NW             |
| 7/13/2023 07:57:00 | 13.6   | 16.3   | 2.8  | 0.01                     | 0.01                       | 0.00                           | 0.7                   | W              |
| 7/13/2023 07:58:00 | 13.5   | 16.8   | 3.3  | 0.01                     | 0.01                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 07:59:00 | 13.6   | 16.8   | 3.2  | 0.01                     | 0.01                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:00:00 | 13.7   | 16.7   | 3.0  | 0.01                     | 0.01                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:01:00 | 13.7   | 16.7   | 3.1  | 0.01                     | 0.01                       | 0.00                           | 0.7                   | WSW            |
| 7/13/2023 08:02:00 | 13.7   | 16.8   | 3.1  | 0.01                     | 0.01                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:03:00 | 13.5   | 17.1   | 3.6  | 0.02                     | 0.01                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:04:00 | 13.7   | 17.1   | 3.4  | 0.02                     | 0.01                       | 0.00                           | 0.7                   | ENE            |
| 7/13/2023 08:05:00 | 13.7   | 17.1   | 3.4  | 0.02                     | 0.01                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:06:00 | 13.6   | 17.0   | 3.4  | 0.02                     | 0.02                       | -0.01                          | 0.7                   | NW             |
| 7/13/2023 08:07:00 | 13.6   | 16.8   | 3.2  | 0.02                     | 0.02                       | -0.01                          | 0.6                   | NW             |
| 7/13/2023 08:08:00 | 13.3   | 15.6   | 2.3  | 0.02                     | 0.02                       | -0.01                          | 0.6                   | WNW            |
| 7/13/2023 08:09:00 | 13.0   | 14.4   | 1.4  | 0.02                     | 0.02                       | -0.01                          | 0.7                   | NE             |
| 7/13/2023 08:10:00 | 12.4   | 13.8   | 1.4  | 0.02                     | 0.01                       | -0.01                          | 0.6                   | WNW            |
| 7/13/2023 08:11:00 | 11.9   | 13.5   | 1.6  | 0.02                     | 0.01                       | -0.01                          | 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 |
|--------------------|-----------------------------|-------------------------------|-----------------------------------|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 7/13/2023 08:12:00 | 11.7                        | 13.2                          | 1.5                               | 0.02                     | 0.01                       | -0.01                          | 0.6                   | SW             |
| 7/13/2023 08:13:00 | 11.5                        | 12.9                          | 1.4                               | 0.01                     | 0.01                       | 0.00                           | 0.6                   | NW             |
| 7/13/2023 08:14:00 | 11.5                        | 13.0                          | 1.5                               | 0.01                     | 0.01                       | 0.00                           | 0.6                   | W              |
| 7/13/2023 08:15:00 | 11.5                        | 12.8                          | 1.3                               | 0.01                     | 0.01                       | 0.00                           | 0.6                   | SW             |
| 7/13/2023 08:16:00 | 11.5                        | 12.4                          | 1.0                               | 0.01                     | 0.01                       | 0.00                           | 0.6                   | SSW            |
| 7/13/2023 08:17:00 | 11.5                        | 12.2                          | 0.7                               | 0.01                     | 0.01                       | 0.00                           | 0.6                   | NNW            |
| 7/13/2023 08:18:00 | 11.5                        | 11.9                          | 0.3                               | 0.01                     | 0.00                       | 0.00                           | 0.7                   | SE             |
| 7/13/2023 08:19:00 | 11.4                        | 11.8                          | 0.4                               | 0.01                     | 0.00                       | 0.00                           | 0.6                   | NNE            |
| 7/13/2023 08:20:00 | 11.3                        | 11.7                          | 0.5                               | 0.00                     | 0.00                       | 0.00                           | 0.6                   | ENE            |
| 7/13/2023 08:21:00 | 11.3                        | 11.7                          | 0.5                               | 0.00                     | 0.00                       | 0.00                           | 0.6                   | NW             |
| 7/13/2023 08:22:00 | 11.2                        | 11.6                          | 0.4                               | 0.00                     | 0.00                       | 0.00                           | 0.6                   | NW             |
| 7/13/2023 08:23:00 | 11.1                        | 11.6                          | 0.6                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:24:00 | 10.7                        | 11.8                          | 1.1                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:25:00 | 10.6                        | 11.9                          | 1.3                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:26:00 | 10.8                        | 11.7                          | 0.9                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | NE             |
| 7/13/2023 08:27:00 | 10.8                        | 11.4                          | 0.7                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | E              |
| 7/13/2023 08:28:00 | 10.7                        | 11.6                          | 1.0                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:29:00 | 10.6                        | 11.7                          | 1.1                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:30:00 | 10.6                        | 12.0                          | 1.4                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | SW             |
| 7/13/2023 08:31:00 | 10.7                        | 12.3                          | 1.6                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | W              |
| 7/13/2023 08:32:00 | 10.7                        | 12.5                          | 1.9                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | NW             |
| 7/13/2023 08:33:00 | 10.7                        | 12.7                          | 2.0                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | SSW            |
| 7/13/2023 08:34:00 | 10.5                        | 12.8                          | 2.3                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:35:00 | 10.3                        | 13.0                          | 2.7                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:36:00 | 10.5                        | 12.9                          | 2.4                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | NE             |
| 7/13/2023 08:37:00 | 10.6                        | 13.1                          | 2.5                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:38:00 | 10.6                        | 13.2                          | 2.6                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | W              |
| 7/13/2023 08:39:00 | 10.7                        | 13.6                          | 2.9                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:40:00 | 10.8                        | 14.2                          | 3.4                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | W              |
| 7/13/2023 08:41:00 | 11.0                        | 15.2                          | 4.2                               | 0.00                     | 0.00                       | 0.00                           | 0.7                   | WSW            |
| 7/13/2023 08:42:00 | 11.5                        | 15.8                          | 4.4                               | 0.00                     | 0.00                       | 0.00                           | 0.8                   | NW             |
| 7/13/2023 08:43:00 | 11.9                        | 16.4                          | 4.5                               | 0.00                     | 0.00                       | 0.00                           | 0.8                   | NW             |
| 7/13/2023 08:44:00 | 12.4                        | 17.0                          | 4.6                               | 0.00                     | 0.00                       | 0.00                           | 0.8                   | NW             |

| 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 |
|--------------------|--|--|--|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 7/13/2023 08:45:00 | 12.9   | 17.5   | 4.5  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | WNW            |
| 7/13/2023 08:46:00 | 13.2   | 17.9   | 4.7  | 0.00                     | 0.00                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:47:00 | 13.4   | 18.0   | 4.6  | 0.00                     | 0.00                       | 0.00                           | 0.7                   | W              |
| 7/13/2023 08:48:00 | 13.5   | 17.9   | 4.4  | 0.00                     | 0.00                       | 0.00                           | 0.7                   | NW             |
| 7/13/2023 08:49:00 | 13.7   | 18.0   | 4.3  | 0.00                     | 0.00                       | 0.00                           | 0.7                   | NW             |
| 7/13/2023 08:50:00 | 13.9   | 18.0   | 4.2  | 0.00                     | 0.00                       | 0.00                           | 0.7                   | NW             |
| 7/13/2023 08:51:00 | 13.7   | 18.3   | 4.6  | 0.00                     | 0.00                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:52:00 | 13.8   | 18.3   | 4.6  | 0.00                     | 0.00                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:53:00 | 13.9   | 18.1   | 4.2  | 0.00                     | 0.00                       | 0.00                           | 0.7                   | ENE            |
| 7/13/2023 08:54:00 | 13.9   | 17.6   | 3.7  | 0.00                     | 0.00                       | 0.00                           | 0.7                   | NW             |
| 7/13/2023 08:55:00 | 13.9   | 16.9   | 3.1  | 0.00                     | 0.00                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:56:00 | 13.3   | 16.2   | 2.8  | 0.00                     | 0.00                       | 0.00                           | 0.7                   | NW             |
| 7/13/2023 08:57:00 | 12.7   | 15.7   | 3.1  | 0.00                     | 0.00                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 08:58:00 | 12.3   | 15.2   | 2.9  | 0.00                     | 0.00                       | 0.00                           | 0.7                   | NW             |
| 7/13/2023 08:59:00 | 11.7   | 14.4   | 2.7  | 0.00                     | 0.00                       | 0.00                           | 0.7                   | NW             |
| 7/13/2023 09:00:00 | 11.0   | 13.7   | 2.6  | 0.00                     | 0.00                       | 0.00                           | 0.7                   | WNW            |
| 7/13/2023 09:01:00 | 10.5   | 13.0   | 2.5  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | WNW            |
| 7/13/2023 09:02:00 | 10.2   | 12.7   | 2.5  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | WNW            |
| 7/13/2023 09:03:00 | 10.0   | 12.7   | 2.8  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | WNW            |
| 7/13/2023 09:04:00 | 9.8  | 12.7   | 3.0  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | WNW            |
| 7/13/2023 09:05:00 | 9.7  | 12.6   | 2.9  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | WNW            |
| 7/13/2023 09:06:00 | 9.6  | 13.2   | 3.6  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | WNW            |
| 7/13/2023 09:07:00 | 9.7  | 14.6   | 4.9  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | SW             |
| 7/13/2023 09:08:00 | 10.6   | 16.8   | 6.2  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | NNW            |
| 7/13/2023 09:09:00 | 12.2   | 18.3   | 6.1  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WSW            |
| 7/13/2023 09:10:00 | 13.3   | 19.3   | 6.0  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WNW            |
| 7/13/2023 09:11:00 | 14.0   | 19.4   | 5.4  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | NW             |
| 7/13/2023 09:12:00 | 14.1   | 19.3   | 5.2  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | W              |
| 7/13/2023 09:13:00 | 14.2   | 19.2   | 5.0  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | NW             |
| 7/13/2023 09:14:00 | 14.3   | 19.0   | 4.7  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | W              |
| 7/13/2023 09:15:00 | 14.3   | 18.8   | 4.6  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | NNW            |
| 7/13/2023 09:16:00 | 14.3   | 18.7   | 4.5  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | W              |
| 7/13/2023 09:17:00 | 14.2   | 18.7   | 4.5  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | 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 |
|--------------------|--|--|--|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 7/13/2023 09:18:00 | 14.2   | 18.6   | 4.4  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WNW            |
| 7/13/2023 09:19:00 | 14.1   | 18.5   | 4.4  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WNW            |
| 7/13/2023 09:20:00 | 14.0   | 18.4   | 4.4  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WSW            |
| 7/13/2023 09:21:00 | 13.9   | 17.7   | 3.8  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | NW             |
| 7/13/2023 09:22:00 | 13.5   | 16.0   | 2.5  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | W              |
| 7/13/2023 09:23:00 | 12.3   | 13.9   | 1.6  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | SSE            |
| 7/13/2023 09:24:00 | 10.5   | 12.4   | 1.9  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WNW            |
| 7/13/2023 09:25:00 | 9.3  | 11.4   | 2.1  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | WNW            |
| 7/13/2023 09:26:00 | 8.4  | 11.2   | 2.9  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | WNW            |
| 7/13/2023 09:27:00 | 8.2  | 11.2   | 3.0  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | WNW            |
| 7/13/2023 09:28:00 | 8.0  | 11.1   | 3.1  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | NW             |
| 7/13/2023 09:29:00 | 7.9  | 11.2   | 3.3  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | WNW            |
| 7/13/2023 09:30:00 | 7.8  | 11.2   | 3.5  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | WNW            |
| 7/13/2023 09:31:00 | 7.7  | 11.3   | 3.6  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | W              |
| 7/13/2023 09:32:00 | 7.7  | 11.3   | 3.6  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | WNW            |
| 7/13/2023 09:33:00 | 7.6  | 11.3   | 3.7  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | W              |
| 7/13/2023 09:34:00 | 7.5  | 11.3   | 3.7  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | SSW            |
| 7/13/2023 09:35:00 | 7.6  | 11.3   | 3.7  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | W              |
| 7/13/2023 09:36:00 | 7.6  | 11.5   | 3.9  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | WSW            |
| 7/13/2023 09:37:00 | 7.7  | 11.7   | 4.1  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | WNW            |
| 7/13/2023 09:38:00 | 7.7  | 12.3   | 4.5  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | WNW            |
| 7/13/2023 09:39:00 | 7.8  | 12.9   | 5.1  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | W              |
| 7/13/2023 09:40:00 | 8.0  | 13.2   | 5.2  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | W              |
| 7/13/2023 09:41:00 | 8.2  | 13.5   | 5.3  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | WNW            |
| 7/13/2023 09:42:00 | 8.2  | 13.8   | 5.6  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | W              |
| 7/13/2023 09:43:00 | 8.7  | 13.6   | 4.9  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | ENE            |
| 7/13/2023 09:44:00 | 8.8  | 13.7   | 5.0  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | NW             |
| 7/13/2023 09:45:00 | 9.0  | 13.5   | 4.4  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | N              |
| 7/13/2023 09:46:00 | 9.1  | 13.8   | 4.7  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | WNW            |
| 7/13/2023 09:47:00 | 9.2  | 14.3   | 5.0  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | WNW            |
| 7/13/2023 09:48:00 | 9.7  | 14.2   | 4.5  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | NNE            |
| 7/13/2023 09:49:00 | 9.8  | 14.5   | 4.7  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | SW             |
| 7/13/2023 09:50:00 | 9.8  | 14.6   | 4.7  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | NW             |



| 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 |
|--------------------|--|--|--|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 7/13/2023 09:51:00 | 9.8  | 14.4   | 4.6  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | WNW            |
| 7/13/2023 09:52:00 | 9.8  | 14.3   | 4.5  | 0.00                     | 0.00                       | 0.00                           | 0.8                   | NW             |
| 7/13/2023 09:53:00 | 9.9  | 14.2   | 4.3  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | WNW            |
| 7/13/2023 09:54:00 | 9.9  | 13.9   | 4.0  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | WNW            |
| 7/13/2023 09:55:00 | 9.9  | 13.8   | 3.9  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | SW             |
| 7/13/2023 09:56:00 | 10.0   | 13.8   | 3.8  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | WNW            |
| 7/13/2023 09:57:00 | 10.2   | 14.2   | 4.0  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | NW             |
| 7/13/2023 09:58:00 | 9.8  | 14.5   | 4.8  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | NW             |
| 7/13/2023 09:59:00 | 9.8  | 14.7   | 4.9  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WNW            |
| 7/13/2023 10:00:00 | 9.7  | 15.4   | 5.7  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WNW            |
| 7/13/2023 10:01:00 | 9.8  | 15.4   | 5.7  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WNW            |
| 7/13/2023 10:02:00 | 10.0   | 14.8   | 4.9  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | NNE            |
| 7/13/2023 10:03:00 | 9.6  | 15.0   | 5.3  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | NW             |
| 7/13/2023 10:04:00 | 9.6  | 14.8   | 5.3  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | SW             |
| 7/13/2023 10:05:00 | 9.6  | 14.7   | 5.1  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | S              |
| 7/13/2023 10:06:00 | 9.7  | 15.1   | 5.3  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | WNW            |
| 7/13/2023 10:07:00 | 10.0   | 16.6   | 6.5  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | NW             |
| 7/13/2023 10:08:00 | 10.4   | 17.0   | 6.6  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | WNW            |
| 7/13/2023 10:09:00 | 10.6   | 17.6   | 6.9  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | W              |
| 7/13/2023 10:10:00 | 11.0   | 18.6   | 7.6  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | WNW            |
| 7/13/2023 10:11:00 | 11.5   | 19.6   | 8.1  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | WNW            |
| 7/13/2023 10:12:00 | 12.0   | 21.3   | 9.3  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | NW             |
| 7/13/2023 10:13:00 | 12.7   | 22.2   | 9.5  | 0.00                     | 0.00                       | 0.00                           | 1.2                   | W              |
| 7/13/2023 10:14:00 | 14.0   | 22.3   | 8.4  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | NNE            |
| 7/13/2023 10:15:00 | 14.4   | 23.4   | 9.1  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | W              |
| 7/13/2023 10:16:00 | 14.9   | 25.2   | 10.3   | 0.00                     | 0.00                       | 0.00                           | 1.1                   | WNW            |
| 7/13/2023 10:17:00 | 15.4   | 27.1   | 11.8   | 0.00                     | 0.00                       | 0.01                           | 1.2                   | W              |
| 7/13/2023 10:18:00 | 16.8   | 32.5   | 15.7   | 0.00                     | 0.01                       | 0.01                           | 1.2                   | WNW            |
| 7/13/2023 10:19:00 | 18.2   | 35.0   | 16.9   | 0.00                     | 0.01                       | 0.01                           | 1.2                   | W              |
| 7/13/2023 10:20:00 | 19.3   | 37.6   | 18.3   | 0.00                     | 0.01                       | 0.01                           | 1.1                   | WNW            |
| 7/13/2023 10:21:00 | 20.1   | 38.6   | 18.4   | 0.00                     | 0.02                       | 0.01                           | 1.1                   | NNW            |
| 7/13/2023 10:22:00 | 20.3   | 38.4   | 18.1   | 0.00                     | 0.02                       | 0.02                           | 1.2                   | W              |
| 7/13/2023 10:23:00 | 20.3   | 39.0   | 18.6   | 0.00                     | 0.02                       | 0.02                           | 1.2                   | NW             |

| 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 |
|--------------------|-----------------------------|-------------------------------|-----------------------------------|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 7/13/2023 10:24:00 | 20.7                        | 39.1                          | 18.4                              | 0.00                     | 0.02                       | 0.02                           | 1.1                   | W              |
| 7/13/2023 10:25:00 | 21.2                        | 39.1                          | 17.9                              | 0.00                     | 0.02                       | 0.02                           | 1.1                   | SSW            |
| 7/13/2023 10:26:00 | 21.6                        | 38.1                          | 16.5                              | 0.00                     | 0.02                       | 0.02                           | 1.1                   | ESE            |
| 7/13/2023 10:27:00 | 21.4                        | 36.5                          | 15.0                              | 0.00                     | 0.02                       | 0.02                           | 1.1                   | WNW            |
| 7/13/2023 10:28:00 | 20.9                        | 36.3                          | 15.5                              | 0.00                     | 0.02                       | 0.02                           | 1.1                   | NW             |
| 7/13/2023 10:29:00 | 19.8                        | 37.2                          | 17.4                              | 0.00                     | 0.02                       | 0.02                           | 1.1                   | W              |
| 7/13/2023 10:30:00 | 19.4                        | 36.4                          | 17.0                              | 0.00                     | 0.02                       | 0.02                           | 1.1                   | WNW            |
| 7/13/2023 10:31:00 | 19.0                        | 35.1                          | 16.1                              | 0.00                     | 0.02                       | 0.01                           | 1.1                   | WNW            |
| 7/13/2023 10:32:00 | 19.6                        | 34.0                          | 14.4                              | 0.00                     | 0.01                       | 0.01                           | 1.2                   | NW             |
| 7/13/2023 10:33:00 | 19.5                        | 29.6                          | 10.1                              | 0.00                     | 0.01                       | 0.01                           | 1.2                   | WNW            |
| 7/13/2023 10:34:00 | 19.2                        | 27.9                          | 8.7                               | 0.00                     | 0.01                       | 0.01                           | 1.2                   | WNW            |
| 7/13/2023 10:35:00 | 19.2                        | 26.6                          | 7.4                               | 0.00                     | 0.00                       | 0.00                           | 1.2                   | W              |
| 7/13/2023 10:36:00 | 19.1                        | 26.2                          | 7.0                               | 0.00                     | 0.00                       | 0.00                           | 1.3                   | WNW            |
| 7/13/2023 10:37:00 | 19.8                        | 26.1                          | 6.3                               | 0.00                     | 0.00                       | 0.00                           | 1.3                   | W              |
| 7/13/2023 10:38:00 | 21.1                        | 25.7                          | 4.6                               | 0.00                     | 0.00                       | 0.00                           | 1.3                   | WNW            |
| 7/13/2023 10:39:00 | 22.0                        | 26.0                          | 4.0                               | 0.00                     | 0.00                       | 0.00                           | 1.3                   | WNW            |
| 7/13/2023 10:40:00 | 22.5                        | 25.9                          | 3.4                               | 0.00                     | 0.00                       | 0.00                           | 1.3                   | NW             |
| 7/13/2023 10:41:00 | 22.7                        | 26.4                          | 3.8                               | 0.00                     | 0.00                       | 0.00                           | 1.3                   | WNW            |
| 7/13/2023 10:42:00 | 23.7                        | 26.3                          | 2.6                               | 0.00                     | 0.00                       | 0.00                           | 1.4                   | WNW            |
| 7/13/2023 10:43:00 | 25.4                        | 26.1                          | 0.7                               | 0.00                     | 0.00                       | 0.00                           | 1.4                   | W              |
| 7/13/2023 10:44:00 | 26.1                        | 25.4                          | -0.7                              | 0.01                     | 0.00                       | 0.00                           | 1.4                   | WNW            |
| 7/13/2023 10:45:00 | 26.7                        | 25.4                          | -1.3                              | 0.01                     | 0.01                       | 0.00                           | 1.4                   | NNW            |
| 7/13/2023 10:46:00 | 27.8                        | 25.3                          | -2.5                              | 0.01                     | 0.01                       | 0.00                           | 1.4                   | WNW            |
| 7/13/2023 10:47:00 | 27.8                        | 26.0                          | -1.8                              | 0.01                     | 0.01                       | 0.00                           | 1.4                   | WNW            |
| 7/13/2023 10:48:00 | 28.0                        | 26.3                          | -1.7                              | 0.01                     | 0.01                       | 0.00                           | 1.4                   | WNW            |
| 7/13/2023 10:49:00 | 28.3                        | 26.2                          | -2.1                              | 0.01                     | 0.03                       | 0.02                           | 1.4                   | WNW            |
| 7/13/2023 10:50:00 | 28.1                        | 26.1                          | -2.0                              | 0.03                     | 0.03                       | 0.00                           | 1.4                   | NNW            |
| 7/13/2023 10:51:00 | 28.4                        | 25.8                          | -2.7                              | 0.03                     | 0.05                       | 0.01                           | 1.4                   | WNW            |
| 7/13/2023 10:52:00 | 28.5                        | 25.2                          | -3.3                              | 0.04                     | 0.06                       | 0.03                           | 1.4                   | WNW            |
| 7/13/2023 10:53:00 | 28.1                        | 26.2                          | -1.9                              | 0.04                     | 0.08                       | 0.04                           | 1.4                   | W              |
| 7/13/2023 10:54:00 | 29.2                        | 27.5                          | -1.7                              | 0.04                     | 0.10                       | 0.06                           | 1.4                   | WNW            |
| 7/13/2023 10:55:00 | 32.1                        | 27.4                          | -4.7                              | 0.07                     | 0.10                       | 0.03                           | 1.4                   | ESE            |
| 7/13/2023 10:56:00 | 34.6                        | 27.7                          | -6.9                              | 0.10                     | 0.10                       | 0.00                           | 1.3                   | NNW            |

| 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 |
|--------------------|--|--|--|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 7/13/2023 10:57:00 | 34.8   | 31.1   | -3.7   | 0.11                     | 0.13                       | 0.03                           | 1.3                   | WNW            |
| 7/13/2023 10:58:00 | 34.9   | 33.7   | -1.2   | 0.11                     | 0.17                       | 0.06                           | 1.3                   | WNW            |
| 7/13/2023 10:59:00 | 35.3   | 35.6   | 0.3  | 0.11                     | 0.20                       | 0.10                           | 1.3                   | WNW            |
| 7/13/2023 11:00:00 |  |  |  | 0.11                     | 0.24                       | 0.13                           | 1.2                   | S              |
| 7/13/2023 11:01:00 |  |  |  | 0.11                     | 0.28                       | 0.17                           | 1.2                   | NW             |
| 7/13/2023 11:02:00 | 33.8   | 0.0  | -33.8  | 0.11                     | 0.32                       | 0.21                           | 1.2                   | WNW            |
| 7/13/2023 11:03:00 | 31.5   | 0.0  | -31.5  | 0.11                     | 0.35                       | 0.24                           | 1.2                   | WNW            |
| 7/13/2023 11:04:00 | 30.6   | 17.3   | -13.3  | 0.12                     | 0.36                       | 0.24                           | 1.2                   | NW             |
| 7/13/2023 11:05:00 | 30.8   | 22.4   | -8.5   | 0.10                     | 0.39                       | 0.29                           | 1.2                   | NW             |
| 7/13/2023 11:06:00 | 31.3   | 25.1   | -6.2   | 0.15                     | 0.37                       | 0.23                           | 1.2                   | NNE            |
| 7/13/2023 11:07:00 | 30.9   | 26.5   | -4.4   | 0.15                     | 0.40                       | 0.26                           | 1.2                   | WNW            |
| 7/13/2023 11:08:00 | 31.6   | 26.4   | -5.2   | 0.18                     | 0.39                       | 0.21                           | 1.2                   | SE             |
| 7/13/2023 11:09:00 | 31.0   | 26.7   | -4.2   | 0.22                     | 0.37                       | 0.15                           | 1.2                   | N              |
| 7/13/2023 11:10:00 | 30.5   | 27.6   | -2.9   | 0.19                     | 0.41                       | 0.22                           | 1.3                   | WNW            |
| 7/13/2023 11:11:00 | 29.5   | 28.9   | -0.5   | 0.17                     | 0.45                       | 0.28                           | 1.3                   | NNW            |
| 7/13/2023 11:12:00 | 28.5   | 32.1   | 3.6  | 0.17                     | 0.47                       | 0.30                           | 1.3                   | W              |
| 7/13/2023 11:13:00 | 27.8   | 32.5   | 4.7  | 0.17                     | 0.48                       | 0.31                           | 1.4                   | WNW            |
| 7/13/2023 11:14:00 | 26.9   | 32.5   | 5.6  | 0.18                     | 0.49                       | 0.31                           | 1.4                   | WNW            |
| 7/13/2023 11:15:00 | 26.5   | 32.3   | 5.8  | 0.18                     | 0.49                       | 0.31                           | 1.4                   | NW             |
| 7/13/2023 11:16:00 | 25.9   | 31.9   | 6.0  | 0.18                     | 0.48                       | 0.30                           | 1.4                   | WNW            |
| 7/13/2023 11:17:00 | 25.1   | 32.9   | 7.8  | 0.22                     | 0.45                       | 0.23                           | 1.3                   | N              |
| 7/13/2023 11:18:00 | 24.3   | 34.2   | 9.9  | 0.22                     | 0.45                       | 0.22                           | 1.4                   | WNW            |
| 7/13/2023 11:19:00 | 23.4   | 32.9   | 9.6  | 0.22                     | 0.45                       | 0.23                           | 1.4                   | WNW            |
| 7/13/2023 11:20:00 | 22.8   | 33.0   | 10.2   | 0.22                     | 0.44                       | 0.21                           | 1.4                   | WNW            |
| 7/13/2023 11:21:00 | 22.7   | 33.7   | 11.0   | 0.17                     | 0.46                       | 0.29                           | 1.4                   | WNW            |
| 7/13/2023 11:22:00 | 23.7   | 34.0   | 10.4   | 0.17                     | 0.45                       | 0.27                           | 1.4                   | WNW            |
| 7/13/2023 11:23:00 | 23.2   | 34.3   | 11.1   | 0.14                     | 0.47                       | 0.33                           | 1.4                   | WNW            |
| 7/13/2023 11:24:00 | 22.9   | 34.6   | 11.7   | 0.10                     | 0.49                       | 0.39                           | 1.4                   | WNW            |
| 7/13/2023 11:25:00 | 23.2   | 34.4   | 11.2   | 0.09                     | 0.47                       | 0.37                           | 1.4                   | WNW            |
| 7/13/2023 11:26:00 | 23.4   | 33.6   | 10.2   | 0.09                     | 0.45                       | 0.36                           | 1.4                   | NW             |
| 7/13/2023 11:27:00 | 23.7   | 31.0   | 7.3  | 0.08                     | 0.42                       | 0.34                           | 1.4                   | NW             |
| 7/13/2023 11:28:00 | 23.9   | 30.5   | 6.6  | 0.08                     | 0.40                       | 0.33                           | 1.4                   | WNW            |
| 7/13/2023 11:29:00 | 24.1   | 29.9   | 5.8  | 0.07                     | 0.38                       | 0.32                           | 1.4                   | NW             |



| 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 |
|--------------------|--|--|--|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 7/13/2023 11:30:00 | 24.0   | 29.3   | 5.2  | 0.06                     | 0.37                       | 0.30                           | 1.3                   | NW             |
| 7/13/2023 11:31:00 | 24.5   | 29.7   | 5.2  | 0.06                     | 0.35                       | 0.29                           | 1.3                   | W              |
| 7/13/2023 11:32:00 | 25.0   | 31.3   | 6.2  | 0.02                     | 0.37                       | 0.35                           | 1.3                   | WNW            |
| 7/13/2023 11:33:00 | 26.4   | 33.0   | 6.5  | 0.02                     | 0.36                       | 0.34                           | 1.3                   | WNW            |
| 7/13/2023 11:34:00 | 27.7   | 34.2   | 6.5  | 0.02                     | 0.34                       | 0.33                           | 1.2                   | WNW            |
| 7/13/2023 11:35:00 | 28.1   | 35.1   | 7.0  | 0.02                     | 0.34                       | 0.32                           | 1.2                   | WNW            |
| 7/13/2023 11:36:00 | 28.5   | 37.2   | 8.7  | 0.02                     | 0.34                       | 0.32                           | 1.2                   | WNW            |
| 7/13/2023 11:37:00 | 28.1   | 40.1   | 12.0   | 0.02                     | 0.35                       | 0.33                           | 1.2                   | WNW            |
| 7/13/2023 11:38:00 | 28.4   | 42.4   | 14.1   | 0.02                     | 0.37                       | 0.35                           | 1.2                   | WNW            |
| 7/13/2023 11:39:00 | 29.0   | 42.3   | 13.2   | 0.06                     | 0.35                       | 0.29                           | 1.3                   | NE             |
| 7/13/2023 11:40:00 | 29.6   | 42.1   | 12.5   | 0.10                     | 0.33                       | 0.23                           | 1.3                   | NNW            |
| 7/13/2023 11:41:00 | 29.8   | 42.5   | 12.7   | 0.10                     | 0.33                       | 0.23                           | 1.3                   | NW             |
| 7/13/2023 11:42:00 | 30.3   | 43.8   | 13.5   | 0.10                     | 0.33                       | 0.23                           | 1.3                   | WNW            |
| 7/13/2023 11:43:00 | 30.5   | 45.1   | 14.7   | 0.11                     | 0.33                       | 0.22                           | 1.3                   | WNW            |
| 7/13/2023 11:44:00 | 31.2   | 45.8   | 14.7   | 0.11                     | 0.33                       | 0.22                           | 1.3                   | NW             |
| 7/13/2023 11:45:00 | 31.9   | 47.1   | 15.3   | 0.11                     | 0.33                       | 0.23                           | 1.4                   | NW             |
| 7/13/2023 11:46:00 | 32.1   | 47.0   | 14.8   | 0.11                     | 0.34                       | 0.23                           | 1.4                   | NW             |
| 7/13/2023 11:47:00 | 31.2   | 46.2   | 15.0   | 0.11                     | 0.34                       | 0.23                           | 1.5                   | WNW            |
| 7/13/2023 11:48:00 | 29.9   | 44.8   | 14.9   | 0.10                     | 0.33                       | 0.23                           | 1.5                   | NW             |
| 7/13/2023 11:49:00 | 28.4   | 42.7   | 14.3   | 0.10                     | 0.32                       | 0.22                           | 1.5                   | W              |
| 7/13/2023 11:50:00 | 27.4   | 39.8   | 12.3   | 0.10                     | 0.30                       | 0.20                           | 1.5                   | N              |
| 7/13/2023 11:51:00 | 25.4   | 35.9   | 10.4   | 0.09                     | 0.27                       | 0.18                           | 1.5                   | WNW            |
| 7/13/2023 11:52:00 | 23.4   | 31.6   | 8.2  | 0.09                     | 0.24                       | 0.14                           | 1.6                   | W              |
| 7/13/2023 11:53:00 | 21.8   | 28.3   | 6.6  | 0.09                     | 0.19                       | 0.10                           | 1.6                   | WNW            |
| 7/13/2023 11:54:00 | 20.0   | 27.3   | 7.3  | 0.05                     | 0.19                       | 0.14                           | 1.5                   | WNW            |
| 7/13/2023 11:55:00 | 17.9   | 26.3   | 8.4  | 0.01                     | 0.19                       | 0.18                           | 1.5                   | W              |
| 7/13/2023 11:56:00 | 16.7   | 24.9   | 8.3  | 0.01                     | 0.16                       | 0.15                           | 1.5                   | WNW            |
| 7/13/2023 11:57:00 | 15.1   | 23.1   | 7.9  | 0.00                     | 0.14                       | 0.13                           | 1.4                   | WNW            |
| 7/13/2023 11:58:00 | 14.0   | 20.9   | 7.0  | 0.00                     | 0.11                       | 0.11                           | 1.4                   | NW             |
| 7/13/2023 11:59:00 | 12.4   | 19.7   | 7.3  | 0.00                     | 0.09                       | 0.09                           | 1.4                   | W              |
| 7/13/2023 12:00:00 | 10.8   | 18.0   | 7.2  | 0.00                     | 0.06                       | 0.06                           | 1.4                   | WNW            |
| 7/13/2023 12:01:00 | 9.4  | 17.0   | 7.6  | 0.00                     | 0.03                       | 0.03                           | 1.4                   | WNW            |
| 7/13/2023 12:02:00 | 8.8  | 16.1   | 7.3  | 0.00                     | 0.01                       | 0.01                           | 1.3                   | NW             |

| 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 |
|--------------------|--|--|--|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 7/13/2023 12:03:00 | 7.9  | 15.4   | 7.4  | 0.00                     | 0.00                       | 0.00                           | 1.3                   | NW             |
| 7/13/2023 12:04:00 | 7.7  | 14.8   | 7.2  | 0.00                     | 0.00                       | 0.00                           | 1.4                   | W              |
| 7/13/2023 12:05:00 | 7.1  | 15.1   | 8.0  | 0.00                     | 0.00                       | 0.00                           | 1.4                   | WSW            |
| 7/13/2023 12:06:00 | 7.0  | 14.6   | 7.6  | 0.00                     | 0.00                       | 0.00                           | 1.3                   | SSE            |
| 7/13/2023 12:07:00 | 6.9  | 14.8   | 7.9  | 0.00                     | 0.00                       | 0.00                           | 1.3                   | W              |
| 7/13/2023 12:08:00 | 6.8  | 20.9   | 14.1   | 0.00                     | 0.00                       | 0.00                           | 1.3                   | WNW            |
| 7/13/2023 12:09:00 | 6.7  | 21.6   | 14.9   | 0.00                     | 0.00                       | 0.00                           | 1.3                   | WNW            |
| 7/13/2023 12:10:00 | 6.6  | 21.5   | 14.9   | 0.00                     | 0.00                       | 0.00                           | 1.3                   | WNW            |
| 7/13/2023 12:11:00 | 6.5  | 21.3   | 14.8   | 0.00                     | 0.00                       | 0.00                           | 1.3                   | WNW            |
| 7/13/2023 12:12:00 | 6.4  | 21.0   | 14.6   | 0.00                     | 0.00                       | 0.00                           | 1.3                   | WNW            |
| 7/13/2023 12:13:00 | 6.4  | 20.9   | 14.5   | 0.00                     | 0.00                       | 0.00                           | 1.3                   | W              |
| 7/13/2023 12:14:00 | 6.4  | 20.7   | 14.4   | 0.00                     | 0.00                       | 0.00                           | 1.3                   | W              |
| 7/13/2023 12:15:00 | 6.4  | 20.8   | 14.4   | 0.00                     | 0.00                       | 0.00                           | 1.4                   | W              |
| 7/13/2023 12:16:00 | 6.4  | 20.7   | 14.3   | 0.00                     | 0.00                       | 0.00                           | 1.4                   | W              |
| 7/13/2023 12:17:00 | 6.4  | 20.8   | 14.4   | 0.00                     | 0.00                       | 0.00                           | 1.4                   | W              |
| 7/13/2023 12:18:00 | 6.4  | 20.8   | 14.4   | 0.00                     | 0.00                       | 0.00                           | 1.4                   | W              |
| 7/13/2023 12:19:00 | 6.4  | 20.9   | 14.5   | 0.00                     | 0.00                       | 0.00                           | 1.4                   | WNW            |
| 7/13/2023 12:20:00 | 6.4  | 21.0   | 14.6   | 0.00                     | 0.00                       | 0.00                           | 1.4                   | WNW            |
| 7/13/2023 12:21:00 | 6.5  | 21.3   | 14.8   | 0.00                     | 0.00                       | 0.00                           | 1.4                   | W              |
| 7/13/2023 12:22:00 | 6.7  | 21.0   | 14.3   | 0.00                     | 0.00                       | 0.00                           | 1.4                   | WNW            |
| 7/13/2023 12:23:00 | 6.8  | 15.0   | 8.2  | 0.00                     | 0.00                       | 0.00                           | 1.3                   | NW             |
| 7/13/2023 12:24:00 | 7.3  | 13.7   | 6.4  | 0.00                     | 0.00                       | 0.00                           | 1.4                   | NNE            |
| 7/13/2023 12:25:00 | 7.4  | 13.6   | 6.3  | 0.00                     | 0.00                       | 0.00                           | 1.3                   | NW             |
| 7/13/2023 12:26:00 | 7.4  | 13.7   | 6.3  | 0.00                     | 0.00                       | 0.00                           | 1.3                   | W              |
| 7/13/2023 12:27:00 | 7.4  | 13.9   | 6.5  | 0.00                     | 0.00                       | 0.00                           | 1.3                   | WNW            |
| 7/13/2023 12:28:00 | 7.5  | 13.9   | 6.5  | 0.00                     | 0.00                       | 0.00                           | 1.3                   | W              |
| 7/13/2023 12:29:00 | 7.6  | 14.0   | 6.4  | 0.00                     | 0.00                       | 0.00                           | 1.3                   | W              |
| 7/13/2023 12:30:00 | 7.7  | 14.0   | 6.3  | 0.00                     | 0.00                       | 0.00                           | 1.2                   | W              |
| 7/13/2023 12:31:00 | 7.8  | 14.1   | 6.3  | 0.00                     | 0.00                       | 0.00                           | 1.2                   | W              |
| 7/13/2023 12:32:00 | 8.1  | 14.5   | 6.4  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | W              |
| 7/13/2023 12:33:00 | 8.4  | 14.7   | 6.3  | 0.00                     | 0.00                       | 0.00                           | 1.2                   | W              |
| 7/13/2023 12:34:00 | 8.6  | 15.2   | 6.5  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | WNW            |
| 7/13/2023 12:35:00 | 8.8  | 15.5   | 6.7  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | WNW            |

| 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 |
|--------------------|--|--|--|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 7/13/2023 12:36:00 | 9.7  | 15.8   | 6.1  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | WNW            |
| 7/13/2023 12:37:00 | 11.0   | 16.5   | 5.5  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | WNW            |
| 7/13/2023 12:38:00 | 11.7   | 16.9   | 5.2  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | WNW            |
| 7/13/2023 12:39:00 | 12.2   | 18.4   | 6.2  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | WNW            |
| 7/13/2023 12:40:00 | 13.7   | 19.8   | 6.2  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | WNW            |
| 7/13/2023 12:41:00 | 15.7   | 21.0   | 5.3  | 0.00                     | 0.01                       | 0.01                           | 1.0                   | NW             |
| 7/13/2023 12:42:00 | 16.7   | 21.8   | 5.1  | 0.00                     | 0.03                       | 0.03                           | 1.0                   | NW             |
| 7/13/2023 12:43:00 | 17.8   | 22.6   | 4.8  | 0.00                     | 0.06                       | 0.06                           | 1.0                   | WNW            |
| 7/13/2023 12:44:00 | 18.5   | 23.1   | 4.6  | 0.03                     | 0.06                       | 0.03                           | 1.0                   | NNE            |
| 7/13/2023 12:45:00 | 19.4   | 23.2   | 3.8  | 0.03                     | 0.08                       | 0.05                           | 1.0                   | WNW            |
| 7/13/2023 12:46:00 | 20.1   | 23.4   | 3.3  | 0.03                     | 0.10                       | 0.07                           | 1.0                   | NW             |
| 7/13/2023 12:47:00 | 20.7   | 23.5   | 2.8  | 0.03                     | 0.13                       | 0.10                           | 1.0                   | WNW            |
| 7/13/2023 12:48:00 | 21.6   | 23.7   | 2.1  | 0.03                     | 0.16                       | 0.12                           | 1.0                   | W              |
| 7/13/2023 12:49:00 | 22.4   | 23.9   | 1.5  | 0.04                     | 0.18                       | 0.14                           | 1.0                   | WNW            |
| 7/13/2023 12:50:00 | 22.9   | 24.4   | 1.5  | 0.04                     | 0.21                       | 0.18                           | 1.0                   | W              |
| 7/13/2023 12:51:00 | 22.9   | 24.8   | 1.8  | 0.04                     | 0.26                       | 0.22                           | 0.9                   | NW             |
| 7/13/2023 12:52:00 | 22.8   | 24.8   | 2.0  | 0.08                     | 0.26                       | 0.18                           | 1.0                   | NNW            |
| 7/13/2023 12:53:00 | 23.5   | 24.9   | 1.4  | 0.08                     | 0.30                       | 0.22                           | 1.0                   | WNW            |
| 7/13/2023 12:54:00 | 23.7   | 24.7   | 1.0  | 0.08                     | 0.35                       | 0.26                           | 1.0                   | WNW            |
| 7/13/2023 12:55:00 | 23.9   | 23.9   | 0.1  | 0.13                     | 0.35                       | 0.22                           | 1.1                   | NNE            |
| 7/13/2023 12:56:00 | 23.6   | 23.6   | 0.0  | 0.17                     | 0.34                       | 0.17                           | 1.1                   | NNW            |
| 7/13/2023 12:57:00 | 23.6   | 23.3   | -0.2   | 0.17                     | 0.35                       | 0.19                           | 1.1                   | WNW            |
| 7/13/2023 12:58:00 | 23.4   | 23.2   | -0.2   | 0.17                     | 0.37                       | 0.20                           | 1.1                   | NW             |
| 7/13/2023 12:59:00 | 23.6   | 23.4   | -0.2   | 0.14                     | 0.40                       | 0.25                           | 1.1                   | W              |
| 7/13/2023 13:00:00 | 23.4   | 24.0   | 0.6  | 0.14                     | 0.41                       | 0.27                           | 1.1                   | W              |
| 7/13/2023 13:01:00 | 23.3   | 24.5   | 1.1  | 0.14                     | 0.42                       | 0.28                           | 1.1                   | WNW            |
| 7/13/2023 13:02:00 | 23.3   | 25.0   | 1.7  | 0.14                     | 0.44                       | 0.30                           | 1.0                   | WNW            |
| 7/13/2023 13:03:00 | 23.1   | 26.2   | 3.1  | 0.14                     | 0.46                       | 0.33                           | 1.0                   | NW             |
| 7/13/2023 13:04:00 | 23.2   | 28.3   | 5.2  | 0.14                     | 0.50                       | 0.36                           | 1.0                   | NW             |
| 7/13/2023 13:05:00 | 23.5   | 32.3   | 8.8  | 0.13                     | 0.52                       | 0.39                           | 1.0                   | NW             |
| 7/13/2023 13:06:00 | 23.5   | 33.6   | 10.1   | 0.13                     | 0.53                       | 0.39                           | 1.0                   | WNW            |
| 7/13/2023 13:07:00 | 23.3   | 36.0   | 12.8   | 0.09                     | 0.56                       | 0.47                           | 0.9                   | NW             |
| 7/13/2023 13:08:00 | 22.9   | 37.4   | 14.5   | 0.09                     | 0.56                       | 0.47                           | 0.9                   | WNW            |

| 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 |
|--------------------|--|--|--|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 7/13/2023 13:09:00 | 23.7   | 37.1   | 13.4   | 0.13                     | 0.51                       | 0.38                           | 1.0                   | NE             |
| 7/13/2023 13:10:00 | 23.3   | 37.4   | 14.0   | 0.08                     | 0.55                       | 0.47                           | 0.9                   | NW             |
| 7/13/2023 13:11:00 | 23.0   | 39.1   | 16.1   | 0.09                     | 0.55                       | 0.46                           | 0.9                   | NNW            |
| 7/13/2023 13:12:00 | 23.5   | 40.8   | 17.4   | 0.12                     | 0.51                       | 0.40                           | 1.0                   | E              |
| 7/13/2023 13:13:00 | 23.9   | 42.3   | 18.4   | 0.13                     | 0.48                       | 0.35                           | 1.1                   | E              |
| 7/13/2023 13:14:00 | 24.3   | 42.9   | 18.6   | 0.13                     | 0.44                       | 0.31                           | 1.1                   | E              |
| 7/13/2023 13:15:00 | 25.1   | 42.8   | 17.7   | 0.14                     | 0.41                       | 0.27                           | 1.1                   | ESE            |
| 7/13/2023 13:16:00 | 26.9   | 42.4   | 15.6   | 0.16                     | 0.37                       | 0.22                           | 1.1                   | ESE            |
| 7/13/2023 13:17:00 | 28.7   | 41.5   | 12.8   | 0.18                     | 0.33                       | 0.16                           | 1.1                   | E              |
| 7/13/2023 13:18:00 | 29.2   | 39.9   | 10.7   | 0.20                     | 0.28                       | 0.08                           | 1.1                   | ENE            |
| 7/13/2023 13:19:00 | 29.0   | 38.3   | 9.2  | 0.20                     | 0.24                       | 0.04                           | 1.1                   | NNW            |
| 7/13/2023 13:20:00 | 29.4   | 34.0   | 4.7  | 0.20                     | 0.20                       | 0.00                           | 1.1                   | NNW            |
| 7/13/2023 13:21:00 | 29.9   | 32.7   | 2.8  | 0.22                     | 0.15                       | -0.07                          | 1.1                   | N              |
| 7/13/2023 13:22:00 | 30.4   | 30.0   | -0.4   | 0.22                     | 0.14                       | -0.09                          | 1.1                   | WNW            |
| 7/13/2023 13:23:00 | 30.8   | 29.2   | -1.6   | 0.22                     | 0.12                       | -0.10                          | 1.1                   | NW             |
| 7/13/2023 13:24:00 | 30.3   | 30.2   | -0.1   | 0.18                     | 0.15                       | -0.04                          | 1.0                   | NW             |
| 7/13/2023 13:25:00 | 30.1   | 30.0   | -0.1   | 0.22                     | 0.11                       | -0.11                          | 1.0                   | NNW            |
| 7/13/2023 13:26:00 | 29.8   | 28.6   | -1.2   | 0.17                     | 0.14                       | -0.04                          | 1.0                   | WNW            |
| 7/13/2023 13:27:00 | 30.1   | 26.8   | -3.2   | 0.18                     | 0.14                       | -0.04                          | 0.9                   | NNW            |
| 7/13/2023 13:28:00 | 30.5   | 25.3   | -5.2   | 0.20                     | 0.14                       | -0.06                          | 0.9                   | ENE            |
| 7/13/2023 13:29:00 | 29.6   | 26.3   | -3.3   | 0.20                     | 0.18                       | -0.02                          | 0.9                   | SSE            |
| 7/13/2023 13:30:00 | 30.7   | 26.0   | -4.7   | 0.23                     | 0.18                       | -0.05                          | 0.9                   | ESE            |
| 7/13/2023 13:31:00 | 29.3   | 25.7   | -3.5   | 0.23                     | 0.18                       | -0.06                          | 0.9                   | NNE            |
| 7/13/2023 13:32:00 | 27.5   | 26.4   | -1.1   | 0.21                     | 0.19                       | -0.03                          | 0.9                   | WNW            |
| 7/13/2023 13:33:00 | 27.8   | 27.1   | -0.6   | 0.19                     | 0.19                       | -0.01                          | 0.9                   | N              |
| 7/13/2023 13:34:00 | 28.3   | 26.7   | -1.6   | 0.21                     | 0.17                       | -0.04                          | 0.9                   | ENE            |
| 7/13/2023 13:35:00 | 27.8   | 27.2   | -0.6   | 0.21                     | 0.19                       | -0.02                          | 0.9                   | WNW            |
| 7/13/2023 13:36:00 | 28.4   | 27.2   | -1.2   | 0.22                     | 0.19                       | -0.03                          | 0.9                   | ESE            |
| 7/13/2023 13:37:00 | 28.1   | 27.0   | -1.1   | 0.25                     | 0.17                       | -0.08                          | 0.9                   | N              |
| 7/13/2023 13:38:00 | 27.9   | 26.8   | -1.1   | 0.25                     | 0.16                       | -0.08                          | 0.9                   | NW             |
| 7/13/2023 13:39:00 | 27.8   | 26.2   | -1.6   | 0.25                     | 0.16                       | -0.09                          | 0.9                   | NW             |
| 7/13/2023 13:40:00 | 28.1   | 27.4   | -0.7   | 0.22                     | 0.19                       | -0.02                          | 0.9                   | NW             |
| 7/13/2023 13:41:00 | 28.5   | 28.0   | -0.5   | 0.22                     | 0.19                       | -0.03                          | 0.9                   | NW             |

| 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 |
|--------------------|-----------------------------|-------------------------------|-----------------------------------|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 7/13/2023 13:42:00 | 28.1                        | 28.5                          | 0.4                               | 0.18                     | 0.22                       | 0.04                           | 0.9                   | WNW            |
| 7/13/2023 13:43:00 | 27.5                        | 28.8                          | 1.3                               | 0.15                     | 0.25                       | 0.10                           | 0.9                   | WNW            |
| 7/13/2023 13:44:00 | 28.3                        | 27.5                          | -0.8                              | 0.15                     | 0.25                       | 0.10                           | 0.9                   | NW             |
| 7/13/2023 13:45:00 | 26.8                        | 27.7                          | 0.8                               | 0.15                     | 0.25                       | 0.10                           | 1.0                   | ENE            |
| 7/13/2023 13:46:00 | 26.6                        | 28.0                          | 1.4                               | 0.17                     | 0.25                       | 0.09                           | 0.9                   | NE             |
| 7/13/2023 13:47:00 | 26.7                        | 27.7                          | 1.0                               | 0.21                     | 0.25                       | 0.04                           | 1.0                   | NNE            |
| 7/13/2023 13:48:00 | 26.1                        | 27.3                          | 1.1                               | 0.21                     | 0.29                       | 0.08                           | 0.9                   | SW             |
| 7/13/2023 13:49:00 | 25.9                        | 27.3                          | 1.4                               | 0.19                     | 0.32                       | 0.13                           | 0.9                   | NW             |
| 7/13/2023 13:50:00 | 26.3                        | 27.5                          | 1.2                               | 0.19                     | 0.30                       | 0.11                           | 0.9                   | WNW            |
| 7/13/2023 13:51:00 | 25.8                        | 27.8                          | 1.9                               | 0.19                     | 0.30                       | 0.11                           | 0.9                   | N              |
| 7/13/2023 13:52:00 | 26.0                        | 28.4                          | 2.5                               | 0.17                     | 0.36                       | 0.18                           | 1.0                   | WNW            |
| 7/13/2023 13:53:00 | 26.0                        | 30.7                          | 4.8                               | 0.17                     | 0.40                       | 0.23                           | 1.0                   | NW             |
| 7/13/2023 13:54:00 | 29.9                        | 31.1                          | 1.2                               | 0.23                     | 0.38                       | 0.15                           | 0.9                   | N              |
| 7/13/2023 13:55:00 | 30.7                        | 30.4                          | -0.3                              | 0.27                     | 0.35                       | 0.07                           | 0.9                   | N              |
| 7/13/2023 13:56:00 | 31.3                        | 30.2                          | -1.1                              | 0.32                     | 0.32                       | 0.01                           | 1.0                   | E              |
| 7/13/2023 13:57:00 | 32.4                        | 30.2                          | -2.2                              | 0.35                     | 0.29                       | -0.06                          | 1.0                   | E              |
| 7/13/2023 13:58:00 | 34.3                        | 30.4                          | -3.9                              | 0.38                     | 0.26                       | -0.12                          | 1.0                   | NNW            |
| 7/13/2023 13:59:00 | 35.7                        | 30.2                          | -5.5                              | 0.42                     | 0.22                       | -0.19                          | 1.0                   | E              |
| 7/13/2023 14:00:00 | 37.6                        | 30.7                          | -6.9                              | 0.41                     | 0.22                       | -0.18                          | 1.0                   | ENE            |
| 7/13/2023 14:01:00 | 38.6                        | 31.0                          | -7.5                              | 0.39                     | 0.22                       | -0.16                          | 1.0                   | SE             |
| 7/13/2023 14:02:00 | 38.5                        | 31.2                          | -7.3                              | 0.35                     | 0.22                       | -0.12                          | 1.0                   | ESE            |
| 7/13/2023 14:03:00 | 39.7                        | 32.2                          | -7.4                              | 0.34                     | 0.18                       | -0.16                          | 1.0                   | NNE            |
| 7/13/2023 14:04:00 | 43.1                        | 33.9                          | -9.2                              | 0.34                     | 0.15                       | -0.19                          | 1.0                   | ENE            |
| 7/13/2023 14:05:00 | 44.0                        | 33.4                          | -10.6                             | 0.34                     | 0.13                       | -0.20                          | 1.0                   | SE             |
| 7/13/2023 14:06:00 | 42.8                        | 33.1                          | -9.6                              | 0.30                     | 0.13                       | -0.17                          | 1.0                   | SW             |
| 7/13/2023 14:07:00 | 42.8                        | 32.0                          | -10.8                             | 0.30                     | 0.07                       | -0.23                          | 1.0                   | NE             |
| 7/13/2023 14:08:00 | 42.3                        | 30.1                          | -12.3                             | 0.30                     | 0.01                       | -0.29                          | 1.0                   | WSW            |
| 7/13/2023 14:09:00 | 39.5                        | 29.2                          | -10.3                             | 0.24                     | 0.01                       | -0.23                          | 1.0                   | E              |
| 7/13/2023 14:10:00 | 38.1                        | 29.1                          | -9.0                              | 0.20                     | 0.01                       | -0.19                          | 1.0                   | WNW            |
| 7/13/2023 14:11:00 | 36.7                        | 28.8                          | -8.0                              | 0.15                     | 0.01                       | -0.14                          | 0.9                   | WSW            |
| 7/13/2023 14:12:00 | 35.0                        | 28.4                          | -6.6                              | 0.12                     | 0.00                       | -0.11                          | 0.9                   | W              |
| 7/13/2023 14:13:00 | 33.1                        | 27.6                          | -5.6                              | 0.08                     | 0.00                       | -0.08                          | 0.9                   | NNE            |
| 7/13/2023 14:14:00 | 32.4                        | 27.1                          | -5.3                              | 0.05                     | 0.00                       | -0.05                          | 0.9                   | ENE            |



| 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 |
|--------------------|--|--|--|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 7/13/2023 14:15:00 | 30.8   | 29.6   | -1.3   | 0.02                     | 0.00                       | -0.02                          | 0.9                   | WNW            |
| 7/13/2023 14:16:00 | 34.7   | 30.2   | -4.4   | 0.00                     | 0.00                       | 0.00                           | 0.9                   | N              |
| 7/13/2023 14:17:00 | 35.0   | 32.9   | -2.1   | 0.00                     | 0.00                       | 0.00                           | 0.9                   | NW             |
| 7/13/2023 14:18:00 | 33.9   | 33.6   | -0.3   | 0.00                     | 0.00                       | 0.00                           | 0.9                   | WNW            |
| 7/13/2023 14:19:00 | 30.4   | 33.2   | 2.8  | 0.00                     | 0.00                       | 0.00                           | 0.9                   | NW             |
| 7/13/2023 14:20:00 | 30.5   | 33.1   | 2.5  | 0.06                     | 0.00                       | -0.06                          | 0.9                   | SE             |
| 7/13/2023 14:21:00 | 32.8   | 33.3   | 0.5  | 0.21                     | 0.02                       | -0.19                          | 0.9                   | N              |
| 7/13/2023 14:22:00 | 34.6   | 34.4   | -0.2   | 0.32                     | 0.03                       | -0.30                          | 1.0                   | NNW            |
| 7/13/2023 14:23:00 | 35.1   | 34.2   | -0.8   | 0.39                     | 0.03                       | -0.35                          | 1.0                   | NNE            |
| 7/13/2023 14:24:00 | 34.4   | 35.2   | 0.8  | 0.39                     | 0.06                       | -0.33                          | 0.9                   | NW             |
| 7/13/2023 14:25:00 | 34.8   | 35.2   | 0.5  | 0.40                     | 0.06                       | -0.34                          | 1.0                   | NE             |
| 7/13/2023 14:26:00 | 35.7   | 34.8   | -0.9   | 0.40                     | 0.06                       | -0.34                          | 1.0                   | NW             |
| 7/13/2023 14:27:00 | 36.6   | 35.0   | -1.6   | 0.40                     | 0.06                       | -0.34                          | 1.0                   | WNW            |
| 7/13/2023 14:28:00 | 37.0   | 36.3   | -0.6   | 0.40                     | 0.06                       | -0.34                          | 1.0                   | NW             |
| 7/13/2023 14:29:00 | 37.0   | 37.8   | 0.9  | 0.40                     | 0.06                       | -0.34                          | 1.0                   | NW             |
| 7/13/2023 14:30:00 | 36.8   | 35.8   | -1.1   | 0.40                     | 0.06                       | -0.34                          | 1.0                   | WNW            |
| 7/13/2023 14:31:00 | 32.9   | 35.3   | 2.5  | 0.40                     | 0.06                       | -0.34                          | 1.0                   | NNE            |
| 7/13/2023 14:32:00 | 33.2   | 34.5   | 1.4  | 0.40                     | 0.06                       | -0.34                          | 1.0                   | WNW            |
| 7/13/2023 14:33:00 | 35.0   | 33.8   | -1.3   | 0.40                     | 0.06                       | -0.34                          | 1.0                   | NNW            |
| 7/13/2023 14:34:00 | 36.6   | 33.4   | -3.2   | 0.40                     | 0.06                       | -0.34                          | 1.1                   | ENE            |
| 7/13/2023 14:35:00 | 36.6   | 33.9   | -2.7   | 0.34                     | 0.06                       | -0.28                          | 1.1                   | ENE            |
| 7/13/2023 14:36:00 | 36.2   | 36.5   | 0.3  | 0.19                     | 0.05                       | -0.15                          | 1.0                   | NW             |
| 7/13/2023 14:37:00 | 36.0   | 39.9   | 3.9  | 0.08                     | 0.04                       | -0.04                          | 1.0                   | W              |
| 7/13/2023 14:38:00 | 38.5   | 41.3   | 2.7  | 0.01                     | 0.03                       | 0.02                           | 1.0                   | WNW            |
| 7/13/2023 14:39:00 | 42.3   | 42.6   | 0.3  | 0.01                     | 0.00                       | -0.01                          | 1.0                   | E              |
| 7/13/2023 14:40:00 | 44.2   | 43.3   | -0.9   | 0.00                     | 0.00                       | 0.00                           | 1.0                   | ENE            |
| 7/13/2023 14:41:00 | 44.9   | 46.5   | 1.6  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | NW             |
| 7/13/2023 14:42:00 | 45.3   | 49.1   | 3.8  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WNW            |
| 7/13/2023 14:43:00 | 47.7   | 48.8   | 1.1  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | E              |
| 7/13/2023 14:44:00 | 48.1   | 48.3   | 0.1  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | ESE            |
| 7/13/2023 14:45:00 | 48.3   | 49.7   | 1.4  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WSW            |
| 7/13/2023 14:46:00 | 48.3   | 50.9   | 2.5  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WNW            |
| 7/13/2023 14:47:00 | 47.9   | 49.6   | 1.7  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | NW             |

| 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 |
|--------------------|--|--|--|--------------------------|----------------------------|--------------------------------|-----------------------|----------------|
| 7/13/2023 14:48:00 | 46.4   | 49.2   | 2.8  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | NW             |
| 7/13/2023 14:49:00 | 45.3   | 48.7   | 3.4  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WNW            |
| 7/13/2023 14:50:00 | 44.9   | 48.5   | 3.6  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | SE             |
| 7/13/2023 14:51:00 | 44.1   | 45.7   | 1.6  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WNW            |
| 7/13/2023 14:52:00 | 42.5   | 42.3   | -0.2   | 0.00                     | 0.00                       | 0.00                           | 1.0                   | SSE            |
| 7/13/2023 14:53:00 | 40.3   | 40.3   | -0.1   | 0.00                     | 0.00                       | 0.00                           | 1.0                   | NNW            |
| 7/13/2023 14:54:00 | 35.8   | 37.9   | 2.1  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WNW            |
| 7/13/2023 14:55:00 | 33.4   | 36.2   | 2.8  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | NW             |
| 7/13/2023 14:56:00 | 32.6   | 32.8   | 0.3  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | NW             |
| 7/13/2023 14:57:00 | 31.2   | 29.7   | -1.4   | 0.00                     | 0.00                       | 0.00                           | 1.0                   | NW             |
| 7/13/2023 14:58:00 |  |  |  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | SW             |
| 7/13/2023 14:59:00 |  |  |  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | SW             |
| 7/13/2023 15:00:00 |  |  |  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | E              |
| 7/13/2023 15:01:00 | 25.0   | 36.2   | 11.2   | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WSW            |
| 7/13/2023 15:02:00 | 28.2   | 31.8   | 3.6  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WNW            |
| 7/13/2023 15:03:00 | 28.8   | 28.1   | -0.7   | 0.00                     | 0.00                       | 0.00                           | 1.0                   | W              |
| 7/13/2023 15:04:00 | 27.8   | 27.6   | -0.2   | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WNW            |
| 7/13/2023 15:05:00 | 27.5   | 26.1   | -1.4   | 0.00                     | 0.00                       | 0.00                           | 0.9                   | SE             |
| 7/13/2023 15:06:00 | 26.6   | 26.0   | -0.7   | 0.00                     | 0.00                       | 0.00                           | 1.0                   | NW             |
| 7/13/2023 15:07:00 | 25.6   | 25.5   | -0.1   | 0.00                     | 0.00                       | 0.00                           | 1.0                   | W              |
| 7/13/2023 15:08:00 | 25.1   | 24.6   | -0.5   | 0.00                     | 0.00                       | 0.00                           | 1.0                   | N              |
| 7/13/2023 15:09:00 | 24.0   | 23.8   | -0.2   | 0.00                     | 0.00                       | 0.00                           | 1.0                   | WNW            |
| 7/13/2023 15:10:00 | 22.8   | 23.0   | 0.2  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | WNW            |
| 7/13/2023 15:11:00 | 22.0   | 22.0   | -0.1   | 0.00                     | 0.00                       | 0.00                           | 1.1                   | SSE            |
| 7/13/2023 15:12:00 | 21.2   | 21.2   | 0.0  | 0.00                     | 0.00                       | 0.00                           | 1.1                   | SSE            |
| 7/13/2023 15:13:00 | 20.5   | 20.5   | 0.0  | 0.00                     | 0.00                       | 0.00                           | 1.0                   | SSE            |