

# LANGAN SITE OBSERVATION REPORT – Day 077

|                                 |   |   |   |
|---------------------------------|---|---|---|
| <b>CLIENT:</b>                  | Gowanus Canal LLC and GowCan Owner, LLC | <b>DATE:</b>  | Friday, December 09, 2022               |
| <b>PROJECT No.:</b>             | 170295301                               | <b>WEATHER:</b>   | Clear, 36 to 47 °F<br>Wind: N @ 3-6 mph |
| <b>PROJECT:</b>                 | Gowanus Canal Northside                 | <b>TIME:</b>  | 06:30 – 17:45                           |
| <b>LOCATION:</b>                | Brooklyn, New York                      | <b>BCP SITE ID:</b>   | C224080                                 |
| <b>EQUIPMENT:</b>               |   | <b>PRESENT AT SITE:</b>   |   |
| Komatsu PC 490 Excavator        | Junttan PM20/25 Drill Rig               | <b>Langan:</b> Audrey Seery, Aron Farber, Ali Reach (Environmental), Ashlene Bisram, Ahmed Mahmoud (Geotechnical) |   |
| Komatsu PC 240 Excavator        | JLG HC3 Boom Lift                       | <b>Urban Atelier Group (UAG):</b> Seth Anderson   |   |
| Komatsu PC 78 US Excavator      |   | <b>Kingdom Associates, Inc. (Kingdom):</b> Marcin Hulewicz  |   |
| APE Model 23.2 Vibratory Hammer |   | <b>Lakewood Environmental Services (Lakewood Environmental):</b> Tim Kelly  |   |
| Komatsu Wheel Loader            |   |   |   |
| Junttan PM20US Drill Rig        |   |   |   |
| Geoprobe 54 DT Drill Rig        |   |   |   |

## OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langان was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved March 24, 2022 Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) Site No. C224080. Site Map 1 presents the Society Brooklyn and Sackett Place developments, which together comprise the BCP site.

### Site Activities

- Kingdom exported previously stockpiled non-hazardous drilling spoils (SB\_COMP\_01-03-04\_0-85) and historic fill from waste characterization grids WC01, WC03, and WC05 (WC01\_COMP\_0-5, WC03 \_COMP\_5-10, WC05\_COMP\_0-5, WC05\_COMP\_5-10, and WC05\_10-15) using permitted tri-axle trucks for off-site disposal. See the Import and Export Tracking section for details.
- Kingdom relocated previously stockpiled non-hazardous drilling spoils and historic fill from the northwestern part of Society Brooklyn to an existing stockpile in the central part of Society Brooklyn on top of and covered polyethylene sheeting pending future off-site disposal.
- Kingdom excavated an about 66-foot-long by 7-foot-wide area to about 5 feet below grade surface (bgs) to install lagging for the support of excavation (SOE) system in the northern part of Sackett Place. Excavated material consisted of historic fill.
  - Excavated historic fill was screened for odor, staining, and organic vapors using a photoionization detector (PID). Petroleum-like impacts including petroleum-like odor, black staining, and a maximum PID reading of 6 parts per million (ppm) were observed. Odor suppressant foam was applied as needed to mitigate odor during excavation and stockpiling.
  - The petroleum-impacted historic fill was temporarily backfilled into the excavation of origin pending future re-excavation and off-site disposal.
- Kingdom excavated an about 17-foot-long by 3-foot-wide trench to about 2 feet bgs to install dewatering piping in the southern part of Society Brooklyn. Excavated material consisted of historic fill.
  - Excavated historic fill was screened for odor, staining, and organic vapor using a PID. No impacts were observed.
  - Kingdom temporarily stockpiled the excavated historic fill before backfilling into the excavation of origin.

|     |   |     |   |
|-----|---|-----|---|
| Cc: | J. Hayes, M. Burke, P. Farnham, E. Adkins, A. Nesci | By: | Audrey Seery and Ali Reach<br><b>Langان, D.P.C.</b> |
|-----|---|-----|---|

- Kingdom excavated an about 5-foot-long by 5-foot-wide area to about 3 feet bgs to pre-clear subsurface obstructions in the western part of Society Brooklyn. Excavated material consisted of historic fill.
  - Excavated historic fill was screened for odor, staining, and organic vapor using a PID. No impacts were observed.
  - Kingdom temporarily stockpiled the excavated historic fill before backfilling into the excavation of origin.
- Kingdom excavated an about 10-foot-long by 10-foot-wide area to about 3 feet bgs to pre-clear subsurface obstructions in the northeastern part of Sackett Place. Excavated material consisted of historic fill.
  - Excavated historic fill was screened for odor, staining, and organic vapor using a PID. No impacts were observed.
  - Kingdom temporarily stockpiled the excavated historic fill before backfilling into the excavation of origin.
- Kingdom installed soldier piles and timber lagging for the SOE system in the northern part of Sackett Place.
- Kingdom installed foundation piles in the northern part of Society Brooklyn.
  - The foundation piles were advanced to a maximum depth of about 87 feet bgs. Drilling spoils were screened for odor, staining, and organic vapor using a PID. Petroleum-like impacts including petroleum-like odor, black staining and a maximum PID reading of 4.4 ppm were observed.
  - The drilling spoils were added to existing stockpiles in the northern and central parts of Society Brooklyn on top of and covered with polyethylene sheeting pending future off-site disposal.
- Kingdom graded an about 30-foot-long by 15-foot-wide area to create a level surface for machine access in the northern part of Society Brooklyn.
  - Graded historic fill was screened for odor, staining, and organic vapor using a PID. No impacts were observed.
  - Excess graded historic fill was added to the existing stockpile in the southwestern part of Society Brooklyn on top of and covered with polyethylene sheeting for off-site disposal.
- Lakewood Environmental continued implementing in-situ groundwater remediation via direct-push remedial injections in the western part of Society Brooklyn.
  - Lakewood Environmental used a Geoprobe 54 DT drill rig to advance three low concentration remedial injection points and one high concentration remedial injection point. A 4-foot-long screen was used to evenly distribute PetroFix injectate from about 7 to 17 feet bgs at the low concentration injection point and from about 7 to 22 feet bgs at the high concentration injection points.
  - The injectate consisted of PetroFix (a finely ground powdered activated carbon from Regenesis), water, and an electron acceptor blend. The solution was continuously injected in 4-foot intervals into injection points IP07\_HC, IP05\_LC, IP07\_LC, and IP14\_LC.
- Langan gauged and collected water quality parameters from off-site monitoring well MW27 during remedial injections. No light non-aqueous phase liquid (LNAPL) was identified.

#### **Import and Export Tracking**

- Kingdom exported 17 truckloads of non-hazardous drilling spoils (SB\_COMP\_01-03-04\_0-85) and historic fill from waste characterization grids WC01, WC03, and WC05 (WC01\_COMP\_0-5, WC03 \_COMP\_5-10, WC05\_COMP\_0-5, WC05\_COMP\_5-10, WC05\_10-15) to Bayshore Soil Management (BSM) in Keasbey, NJ.
- No material was imported to the site.

|     |   |     |                            |
|-----|---|-----|----------------------------|
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|     |   |     | <b>Langan, D.P.C.</b>      |

| Soil/Fill Export Summary   |               |       |              |
|--|---------------|-------|--------------|
| Facility   | Exported      | Today | Total        |
| <b>Bayshore Soil Management</b><br>Keasbey, NJ<br>Non-Hazardous Soil/Fill              | No. Loads     | 17    | <b>306</b>   |
|  | Quantity (CY) | 340   | <b>6,120</b> |
| <b>Bayshore Soil Management</b><br>Keasbey, NJ<br>Non-Hazardous MGP-Impacted Soil/Fill | No. Loads     | 0     | <b>79</b>    |
|  | Quantity (CY) | 0     | <b>1,580</b> |

| Material Import Summary   |                               |               |       |            |
|---|-------------------------------|---------------|-------|------------|
| Facility  | NYSDEC Approved Quantity (CY) | Imported      | Today | Total      |
| <b>Stavola Construction Materials, Inc</b><br>Bridgewater, NJ<br>2.5-inch Stone | 1,000                         | No. Loads     | 0     | <b>6</b>   |
|   |                               | Quantity (CY) | 0     | <b>120</b> |
| <b>87 19<sup>th</sup> Avenue</b><br>Astoria, NY<br>2.5-inch Stone               | 2,000                         | No. Loads     | 0     | <b>13</b>  |
|   |                               | Quantity (CY) | 0     | <b>290</b> |
| <b>Impact Environmental</b><br>Jersey City, NJ<br>0.5-inch Crushed Stone        | 2,000                         | No. Loads     | 0     | <b>2</b>   |
|   |                               | Quantity (CY) | 0     | <b>40</b>  |

### Sampling

- No samples were collected.

### Community Air Monitoring

- Langan conducted real-time air monitoring for volatile organic compounds (VOC) and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan (CAMP).

### Anticipated Activities

- Kingdom will continue to install foundation piles and SOE at Society Brooklyn and Sackett Place.
- Lakewood Environmental will continue remedial injections of PetroFix in the western part of Society Brooklyn and the west-adjoining Bond Street sidewalk.

|     |  |     |   |
|-----|--|-----|---|
| Cc: | J. Hayes, M. Burke, P. Farnham, E. Adkins, A.<br>Nesci | By: | Audrey Seery and Ali Reach<br><b>Langan, D.P.C.</b> |
|-----|--|-----|---|

## Site Photographs:



**Photo 1:** Kingdom loading a permitted tri-axle truck truck with non-hazardous drilling spoils and historic fill for off-site disposal from Society Brooklyn (facing southeast)



**Photo 2:** Kingdom excavating in the northern part of Sackett Place to install lagging (facing east)

|     |  |     |   |
|-----|--|-----|---|
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|-----|--|-----|---|



**Photo 3:** Lakewood Environmental implementing in-situ groundwater remediation via direct-push remedial injections in the western part of Society Brooklyn (facing south)

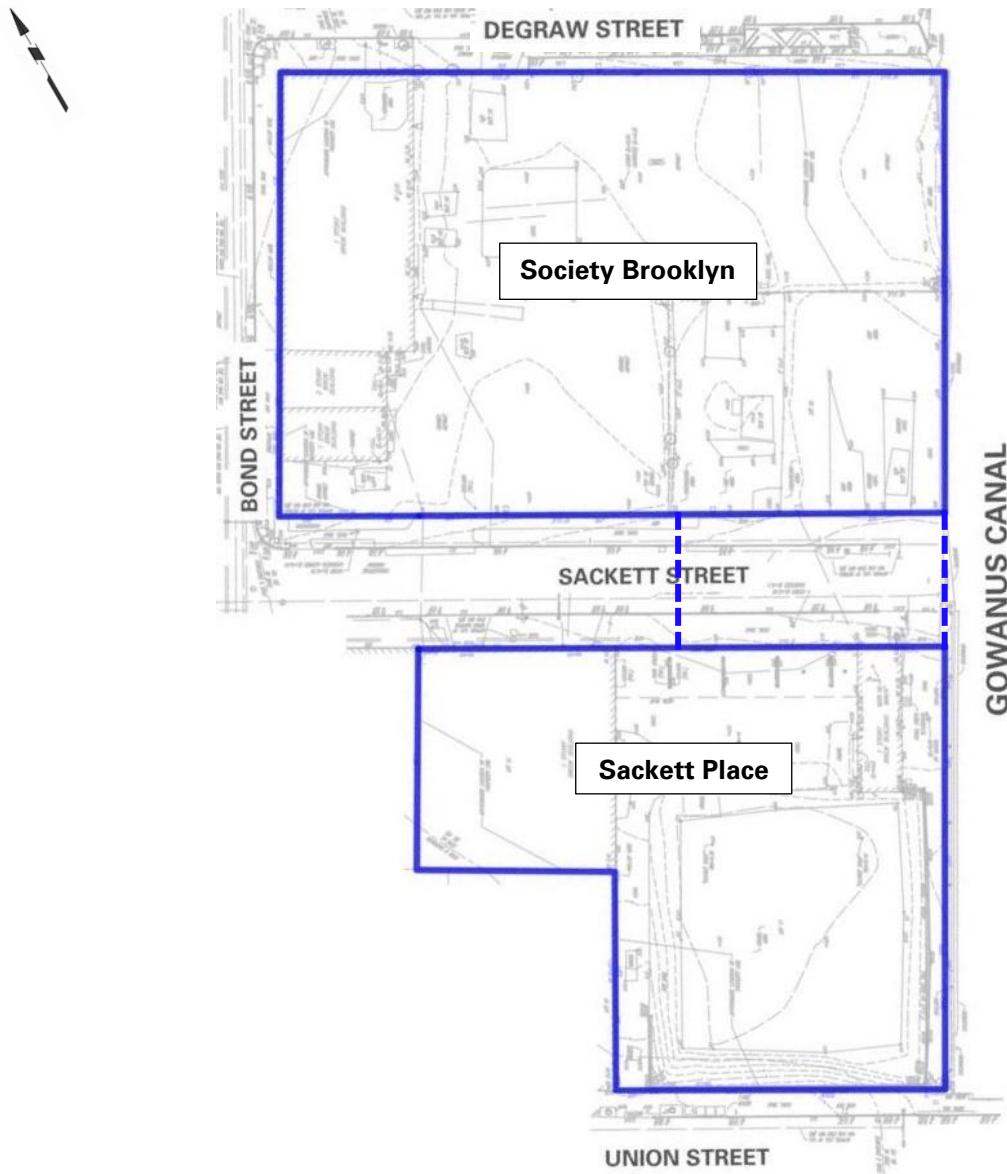


**Photo 4:** Langan inspecting groundwater conditions at off-site monitoring well MW27

Cc: J. Hayes, M. Burke, P. Farnham, E. Adkins, A.  
Nesci

By: Audrey Seery and Ali Reach  
**Langan, D.P.C.**

**Site Map 1:**



**Legend**

- Approximate BCP site boundary
- - - Approximate construction fence boundary

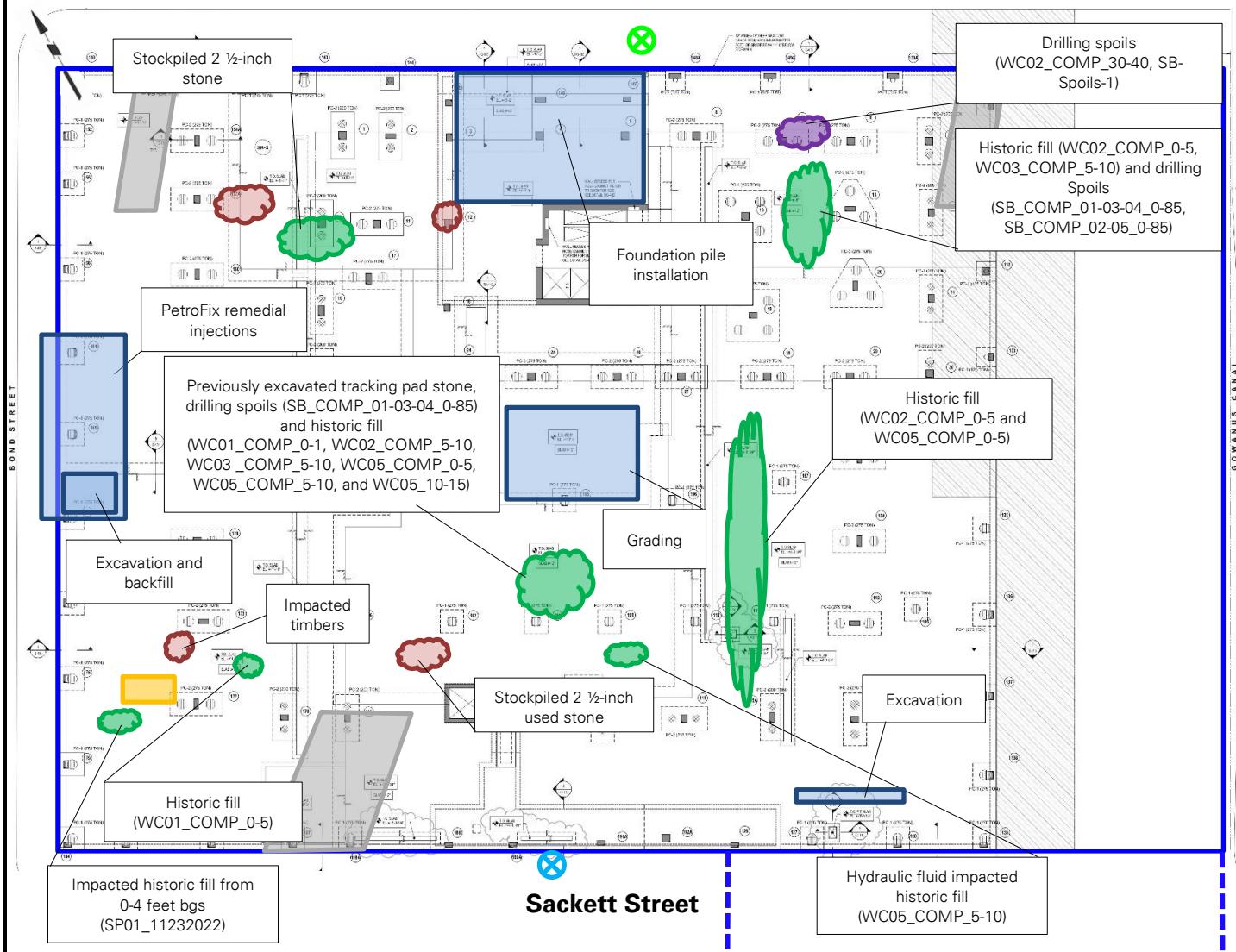
**Notes**

1. Base map adapted from 24 March 2022 RAWP, Figure 2 – Site Plan.
2. This Site Map is provided for context only; refer to the Northern (Society Brooklyn) and Southern (Sackett Place) Work Area Maps on the following pages for work and air monitoring location(s).

|     |  |     |   |
|-----|--|-----|---|
| Cc: | J. Hayes, M. Burke, P. Farnham, E. Adkins, A.<br>Nesci | By: | Audrey Seery and Ali Reach<br><b>Langan, D.P.C.</b> |
|-----|--|-----|---|

## Site Map 2: Northern Work Area Map (Society Brooklyn)

Base map adapted from 1 April 2022 drawing FO-201.00, "Ground Floor Framing Plan" for Society Brooklyn, prepared by DeSimone Consulting Engineers.



### Legend:

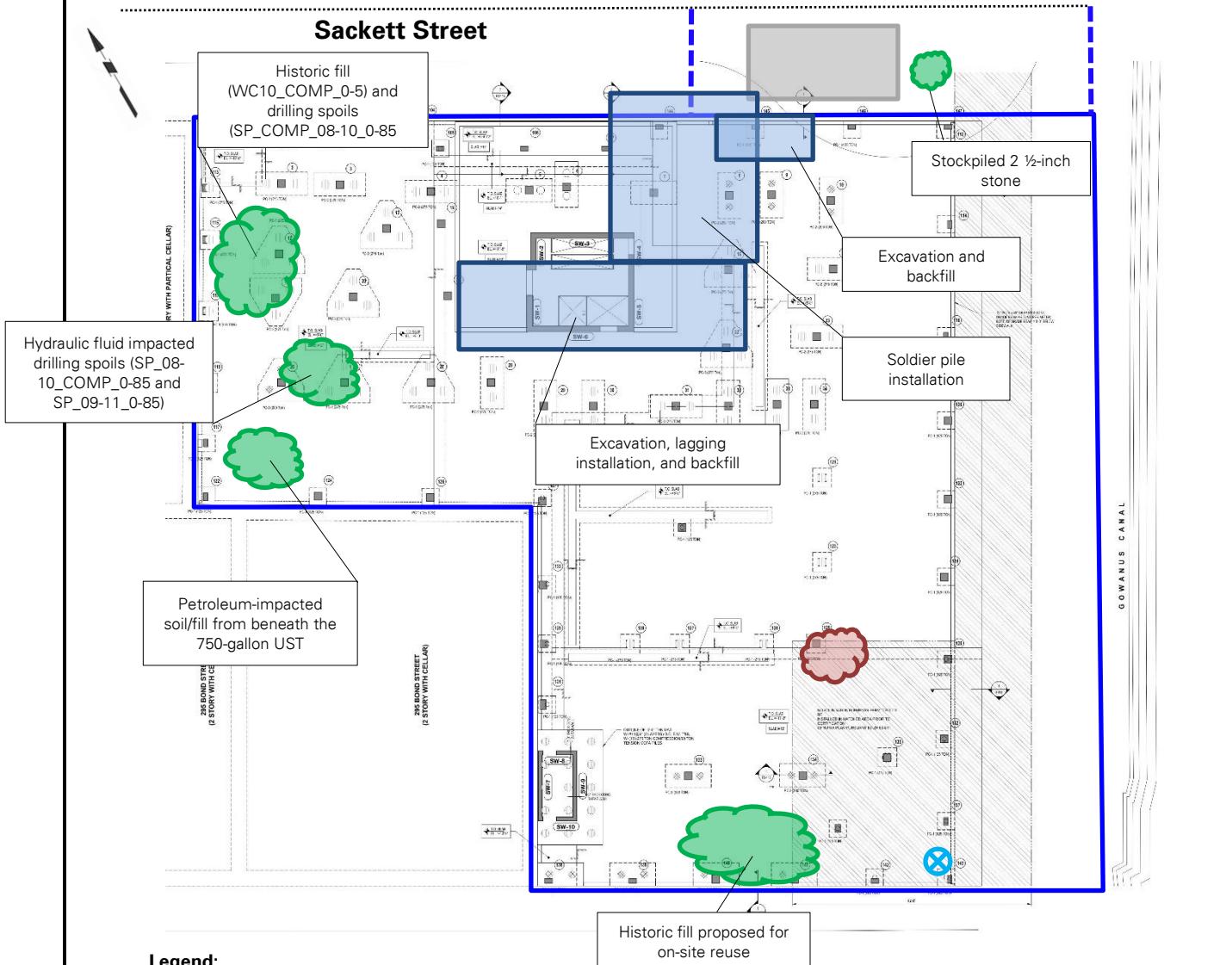
- Approximate site boundary
- - - Approximate construction fence boundary
- ✖ Upwind air monitoring station
- ✖ Downwind air monitoring station
- Approximate work area
- Approximate stabilized construction entrance
- Approximate soil/fill stockpile location
- Approximate MGP-impacted stockpile location
- Approximate C&D debris stockpile location
- Approximate location of MGP-impacted pile drilled today
- Approximate location of 20 cubic yard scrap metal container

Cc: J. Hayes, M. Burke, P. Farnham, E. Adkins, A. Nesci

By: Audrey Seery and Ali Reach  
**Langan, D.P.C.**

### **Site Map 3: Southern Work Area Map (Sackett Place)**

Base map adapted from 1 April 2022 drawing FO-201.00, "Ground Floor Framing Plan" for Sackett Place, prepared by DeSimone Consulting Engineers.



#### **Legend:**

- |       |  |   |   |
|-------|--|---|---|
| —     | Approximate site boundary                    | ● | Approximate soil/fill stockpile location                |
| - - - | Approximate construction fence boundary      | ● | Approximate MGP-impacted stockpile location             |
| ○ X   | Upwind air monitoring station                | ● | Approximate C&D debris stockpile location               |
| ○ X   | Downwind air monitoring station              | ● | Approximate location of MGP-impacted pile drilled today |
| ■     | Approximate work area                        |   |   |
| ■     | Approximate stabilized construction entrance |   |   |

Cc: J. Hayes, M. Burke, P. Farnham, E. Adkins, A. Nesci

By: Audrey Seery and Ali Reach  
**Langan, D.P.C.**

**DAILY AIR MONITORING REPORT**  
**Gowanus Canal Northside**  
**267 Bond Street, Brooklyn, New York**

12/09/22

Project number: 170295301

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Rev. No. 0

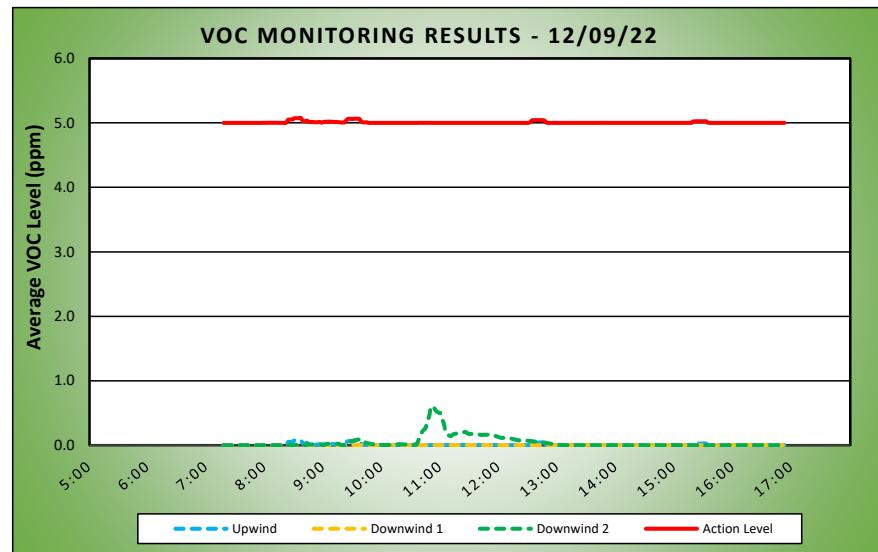
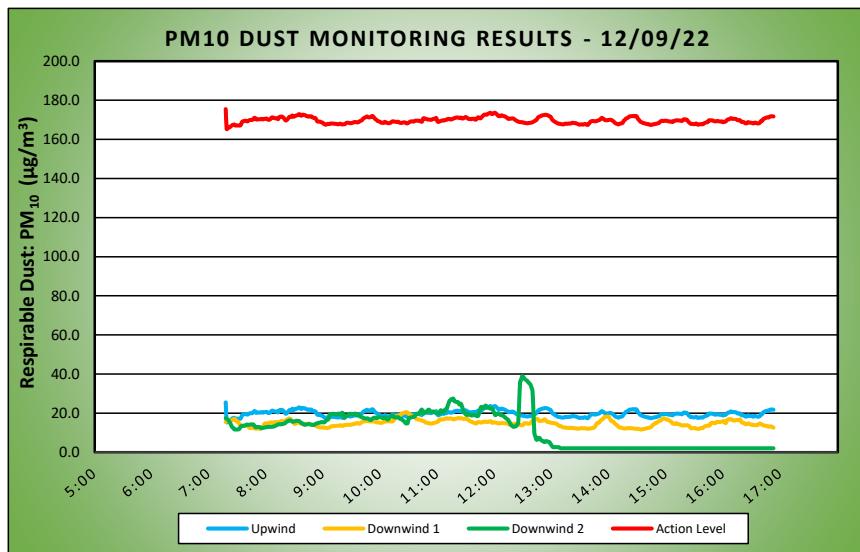
Submitted By:

Dust Action Level 150  $\mu\text{g}/\text{m}^3$

TVOC Action Level 5 ppm

| Weather Data Range for Work Day |             | Wind Direction   | N         | Relative Humidity (%) | 0.0 - 0.0   | Daily Rain (in) | 0.00 | Readings in the summary table and graphs below are the reported downwind concentrations. |
|---------------------------------|-------------|------------------|-----------|-----------------------|-------------|-----------------|------|--|
| Temp (°F)                       | 36.0 - 47.0 | Wind Speed (MPH) | 3.3 - 5.6 | Barometer (inHg)      | 0.00 - 0.00 |                 |      |  |

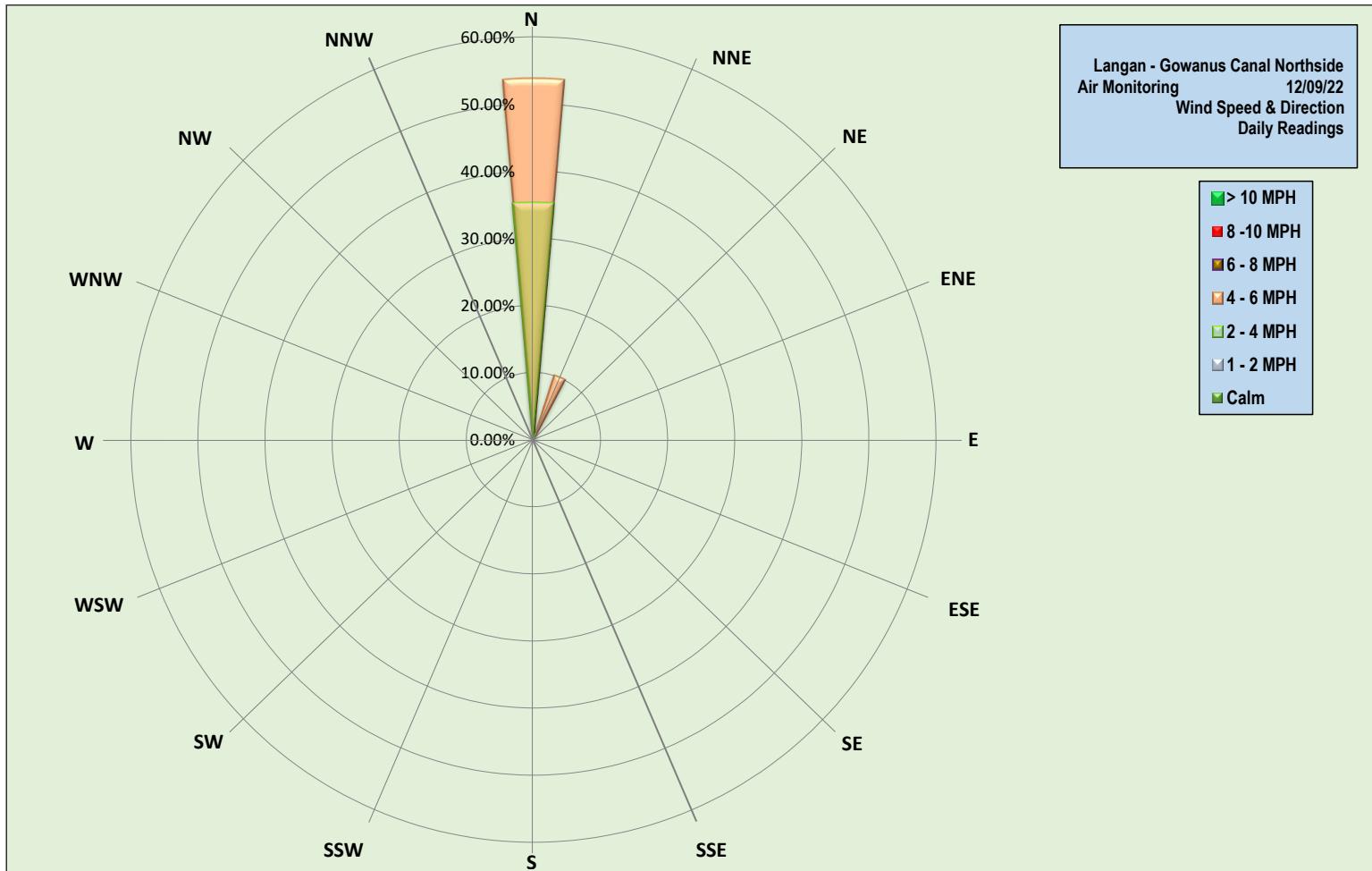
| Station Location Area | Work | Daily Avg. Dust Concentration ( $\mu\text{g}/\text{m}^3$ ) | Max 15 Min Dust Concentration ( $\mu\text{g}/\text{m}^3$ ) | Time of Maximum 15 Minute Avg Dust Reading | Daily Avg. VOC Concentration (ppm) | Max 15 Min VOC Concentration (ppm) | Time of Max VOC Reading |
|-----------------------|------|--|--|--|------------------------------------|------------------------------------|-------------------------|
| Upwind                |      | 19.8   | 25.5   | 7:18                                       | 0.0                                | 0.1                                | 8:37                    |
| Downwind 1            |      | 14.7   | 20.5   | 10:28                                      | 0.0                                | 0.0                                | 7:18                    |
| Downwind 2            |      | 11.3   | 38.8   | 12:29                                      | 0.0                                | 0.6                                | 10:51                   |



Air Monitoring Notes:

Sampling Notes:

Weather Notes:



| Friday, December 9, 2022   |   |   |          |   |   |      |   |   |                                       |
|--|---|---|----------|---|---|------|---|---|---------------------------------------|
| Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 = 0 |   |   |          |   |   |      |   |   |                                       |
| Number of Comparable Data Points = 576   |   |   |          |   |   |      |   |   |                                       |
| Start Time: 7:03   |   |   |          |   |   |      |   |   |                                       |
| End Time: 16:53  |   |   |          |   |   |      |   |   |                                       |
| PARTICULATE DATA   |   |   |          |   |   |      |   |   |                                       |
| Upwind   |   |   | Downwind |   |   |      |   |   |                                       |
| Time   | Concentration<br>( $\mu\text{g}/\text{m}^3$ ) | 15-Min Avg<br>Concentration<br>( $\mu\text{g}/\text{m}^3$ ) | Time     | Concentration<br>( $\mu\text{g}/\text{m}^3$ ) | 15-Min Avg<br>Concentration<br>( $\mu\text{g}/\text{m}^3$ ) | Time | Concentration<br>( $\mu\text{g}/\text{m}^3$ ) | 15-Min Avg<br>Concentration<br>( $\mu\text{g}/\text{m}^3$ ) | Exceeds<br>Particulate<br>Alarm Limit |
| 7:03   | 0.0   | -   | 7:03     | 0.0   | -   | 7:03 | 0.0   | -   | -                                     |
| 7:04   | 171.5   | -   | 7:04     | 11.8  | -   | 7:04 | 15.5  | -   | -                                     |
| 7:05   | 11.5  | -   | 7:05     | 10.5  | -   | 7:05 | 17.0  | -   | -                                     |
| 7:06   | 10.5  | -   | 7:06     | 10.0  | -   | 7:06 | 19.3  | -   | -                                     |
| 7:07   | 13.5  | -   | 7:07     | 15.5  | -   | 7:07 | 22.0  | -   | -                                     |
| 7:08   | 11.0  | -   | 7:08     | 12.0  | -   | 7:08 | 24.8  | -   | -                                     |
| 7:09   | 10.8  | -   | 7:09     | 11.5  | -   | 7:09 | 27.3  | -   | -                                     |
| 7:10   | 13.0  | -   | 7:10     | 11.3  | -   | 7:10 | 24.3  | -   | -                                     |
| 7:11   | 19.0  | -   | 7:11     | 11.8  | -   | 7:11 | 19.3  | -   | -                                     |
| 7:12   | 14.0  | -   | 7:12     | 12.0  | -   | 7:12 | 23.8  | -   | -                                     |
| 7:13   | 24.0  | -   | 7:13     | 25.5  | -   | 7:13 | 11.5  | -   | -                                     |
| 7:14   | 16.5  | -   | 7:14     | 25.3  | -   | 7:14 | 12.0  | -   | -                                     |
| 7:15   | 15.3  | -   | 7:15     | 14.0  | -   | 7:15 | 11.5  | -   | -                                     |
| 7:16   | 17.5  | -   | 7:16     | 14.8  | -   | 7:16 | 11.3  | -   | -                                     |
| 7:17   | 16.3  | -   | 7:17     | 25.0  | -   | 7:17 | 11.0  | -   | -                                     |
| 7:18   | 18.0  | 25.5  | 7:18     | 21.3  | 15.5  | 7:18 | 11.0  | 17.4  | -                                     |
| 7:19   | 18.8  | 15.3  | 7:19     | 16.8  | 15.8  | 7:19 | 11.3  | 17.1  | -                                     |
| 7:20   | 16.8  | 15.7  | 7:20     | 17.8  | 16.3  | 7:20 | 11.8  | 16.8  | -                                     |
| 7:21   | 15.0  | 16.0  | 7:21     | 13.0  | 16.5  | 7:21 | 11.0  | 16.2  | -                                     |
| 7:22   | 16.0  | 16.1  | 7:22     | 12.5  | 16.3  | 7:22 | 11.0  | 15.5  | -                                     |
| 7:23   | 17.0  | 16.5  | 7:23     | 12.5  | 16.3  | 7:23 | 11.0  | 14.6  | -                                     |
| 7:24   | 17.0  | 16.9  | 7:24     | 10.8  | 16.3  | 7:24 | 11.0  | 13.5  | -                                     |
| 7:25   | 18.8  | 17.3  | 7:25     | 13.8  | 16.4  | 7:25 | 12.0  | 12.7  | -                                     |
| 7:26   | 20.0  | 17.4  | 7:26     | 14.8  | 16.6  | 7:26 | 14.8  | 12.4  | -                                     |
| 7:27   | 17.5  | 17.6  | 7:27     | 19.3  | 17.1  | 7:27 | 13.0  | 11.7  | -                                     |
| 7:28   | 16.5  | 17.1  | 7:28     | 20.3  | 16.8  | 7:28 | 11.3  | 11.7  | -                                     |
| 7:29   | 16.0  | 17.1  | 7:29     | 12.3  | 15.9  | 7:29 | 11.0  | 11.6  | -                                     |
| 7:30   | 16.5  | 17.2  | 7:30     | 11.0  | 15.7  | 7:30 | 12.0  | 11.6  | -                                     |
| 7:31   | 16.5  | 17.1  | 7:31     | 11.8  | 15.5  | 7:31 | 12.0  | 11.7  | -                                     |
| 7:32   | 16.3  | 17.1  | 7:32     | 11.3  | 14.6  | 7:32 | 12.8  | 11.8  | -                                     |
| 7:33   | 18.0  | 17.1  | 7:33     | 12.3  | 14.0  | 7:33 | 20.5  | 12.4  | -                                     |
| 7:34   | 25.3  | 17.5  | 7:34     | 14.8  | 13.9  | 7:34 | 23.3  | 13.2  | -                                     |
| 7:35   | 35.5  | 18.8  | 7:35     | 11.5  | 13.4  | 7:35 | 15.3  | 13.5  | -                                     |
| 7:36   | 21.5  | 19.2  | 7:36     | 11.8  | 13.4  | 7:36 | 11.3  | 13.5  | -                                     |
| 7:37   | 18.0  | 19.4  | 7:37     | 14.8  | 13.5  | 7:37 | 12.0  | 13.5  | -                                     |
| 7:38   | 18.8  | 19.5  | 7:38     | 13.8  | 13.6  | 7:38 | 12.0  | 13.6  | -                                     |
| 7:39   | 17.8  | 19.5  | 7:39     | 13.0  | 13.7  | 7:39 | 14.3  | 13.8  | -                                     |
| 7:40   | 16.3  | 19.4  | 7:40     | 11.5  | 13.6  | 7:40 | 17.0  | 14.2  | -                                     |
| 7:41   | 18.5  | 19.3  | 7:41     | 11.8  | 13.4  | 7:41 | 13.3  | 14.1  | -                                     |
| 7:42   | 22.8  | 19.6  | 7:42     | 13.3  | 13.0  | 7:42 | 12.8  | 14.0  | -                                     |
| 7:43   | 20.0  | 19.8  | 7:43     | 11.5  | 12.4  | 7:43 | 12.3  | 14.1  | -                                     |
| 7:44   | 17.8  | 20.0  | 7:44     | 12.8  | 12.4  | 7:44 | 12.3  | 14.2  | -                                     |
| 7:45   | 16.3  | 19.9  | 7:45     | 11.5  | 12.5  | 7:45 | 12.5  | 14.2  | -                                     |
| 7:46   | 17.3  | 20.0  | 7:46     | 10.5  | 12.4  | 7:46 | 12.0  | 14.2  | -                                     |
| 7:47   | 23.5  | 20.5  | 7:47     | 11.0  | 12.4  | 7:47 | 12.0  | 14.2  | -                                     |
| 7:48   | 26.5  | 21.0  | 7:48     | 11.0  | 12.3  | 7:48 | 12.3  | 13.6  | -                                     |
| 7:49   | 23.3  | 20.9  | 7:49     | 11.8  | 12.1  | 7:49 | 12.8  | 12.9  | -                                     |
| 7:50   | 24.0  | 20.1  | 7:50     | 10.8  | 12.0  | 7:50 | 13.0  | 12.8  | -                                     |
| 7:51   | 22.8  | 20.2  | 7:51     | 15.0  | 12.3  | 7:51 | 13.5  | 12.9  | -                                     |
| 7:52   | 19.0  | 20.3  | 7:52     | 16.5  | 12.4  | 7:52 | 12.0  | 12.9  | -                                     |
| 7:53   | 18.5  | 20.3  | 7:53     | 9.8   | 12.1  | 7:53 | 12.0  | 12.9  | -                                     |
| 7:54   | 18.0  | 20.3  | 7:54     | 9.5   | 11.9  | 7:54 | 12.0  | 12.8  | -                                     |
| 7:55   | 18.8  | 20.5  | 7:55     | 15.0  | 12.1  | 7:55 | 12.0  | 12.4  | -                                     |
| 7:56   | 18.0  | 20.4  | 7:56     | 13.8  | 12.2  | 7:56 | 12.8  | 12.4  | -                                     |
| 7:57   | 19.3  | 20.2  | 7:57     | 24.3  | 13.0  | 7:57 | 13.3  | 12.4  | -                                     |
| 7:58   | 24.3  | 20.5  | 7:58     | 26.8  | 14.0  | 7:58 | 14.0  | 12.6  | -                                     |
| 7:59   | 18.3  | 20.5  | 7:59     | 21.0  | 14.5  | 7:59 | 13.3  | 12.6  | -                                     |
| 8:00   | 17.0  | 20.6  | 8:00     | 15.3  | 14.8  | 8:00 | 14.5  | 12.8  | -                                     |
| 8:01   | 18.8  | 20.7  | 8:01     | 10.3  | 14.8  | 8:01 | 13.5  | 12.9  | -                                     |
| 8:02   | 17.5  | 20.3  | 8:02     | 10.0  | 14.7  | 8:02 | 12.5  | 12.9  | -                                     |
| 8:03   | 22.8  | 20.0  | 8:03     | 12.8  | 14.8  | 8:03 | 13.3  | 13.0  | -                                     |
| 8:04   | 25.0  | 20.1  | 8:04     | 15.3  | 15.1  | 8:04 | 13.3  | 13.0  | -                                     |
| 8:05   | 29.3  | 20.5  | 8:05     | 12.8  | 15.2  | 8:05 | 12.5  | 13.0  | -                                     |
| 8:06   | 32.0  | 21.1  | 8:06     | 16.0  | 15.3  | 8:06 | 13.3  | 12.9  | -                                     |
| 8:07   | 21.8  | 21.3  | 8:07     | 12.5  | 15.0  | 8:07 | 13.8  | 13.1  | -                                     |
| 8:08   | 15.3  | 21.1  | 8:08     | 11.3  | 15.1  | 8:08 | 13.0  | 13.1  | -                                     |
| 8:09   | 16.0  | 20.9  | 8:09     | 12.8  | 15.3  | 8:09 | 13.5  | 13.2  | -                                     |
| 8:10   | 16.5  | 20.8  | 8:10     | 12.8  | 15.2  | 8:10 | 15.3  | 13.4  | -                                     |
| 8:11   | 18.8  | 20.8  | 8:11     | 17.0  | 15.4  | 8:11 | 17.0  | 13.7  | -                                     |
| 8:12   | 18.5  | 20.8  | 8:12     | 23.8  | 15.3  | 8:12 | 16.5  | 13.9  | -                                     |

| PARTICULATE DATA |                       |                                  |          |                       |                                  |      |                       |                                  |
|------------------|-----------------------|----------------------------------|----------|-----------------------|----------------------------------|------|-----------------------|----------------------------------|
| Upwind           |                       |                                  | Downwind |                       |                                  |      |                       |                                  |
| Time             | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) | Time     | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) | Time | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) |
| 8:13             | 17.8                  | 20.3                             | 8:13     | 26.0                  | 15.3                             | 8:13 | 18.0                  | 14.2                             |
| 8:14             | 32.5                  | 21.3                             | 8:14     | 17.8                  | 15.1                             | 8:14 | 15.0                  | 14.3                             |
| 8:15             | 21.3                  | 21.6                             | 8:15     | 21.8                  | 15.5                             | 8:15 | 13.3                  | 14.2                             |
| 8:16             | 19.3                  | 21.6                             | 8:16     | 16.0                  | 15.9                             | 8:16 | 14.5                  | 14.3                             |
| 8:17             | 18.8                  | 21.7                             | 8:17     | 11.0                  | 16.0                             | 8:17 | 13.3                  | 14.4                             |
| 8:18             | 17.0                  | 21.3                             | 8:18     | 10.8                  | 15.8                             | 8:18 | 14.8                  | 14.5                             |
| 8:19             | 19.3                  | 20.9                             | 8:19     | 13.8                  | 15.7                             | 8:19 | 15.0                  | 14.6                             |
| 8:20             | 18.5                  | 20.2                             | 8:20     | 12.3                  | 15.7                             | 8:20 | 15.8                  | 14.8                             |
| 8:21             | 23.8                  | 19.7                             | 8:21     | 21.3                  | 16.0                             | 8:21 | 18.8                  | 15.2                             |
| 8:22             | 26.0                  | 19.9                             | 8:22     | 21.3                  | 16.6                             | 8:22 | 20.8                  | 15.6                             |
| 8:23             | 21.5                  | 20.4                             | 8:23     | 15.8                  | 16.9                             | 8:23 | 16.0                  | 15.8                             |
| 8:24             | 26.5                  | 21.1                             | 8:24     | 16.5                  | 17.2                             | 8:24 | 16.3                  | 16.0                             |
| 8:25             | 24.5                  | 21.6                             | 8:25     | 13.0                  | 17.2                             | 8:25 | 19.5                  | 16.3                             |
| 8:26             | 17.3                  | 21.5                             | 8:26     | 13.8                  | 17.0                             | 8:26 | 15.8                  | 16.2                             |
| 8:27             | 20.5                  | 21.6                             | 8:27     | 13.5                  | 16.3                             | 8:27 | 13.8                  | 16.0                             |
| 8:28             | 27.3                  | 22.3                             | 8:28     | 15.0                  | 15.6                             | 8:28 | 13.0                  | 15.7                             |
| 8:29             | 22.8                  | 21.6                             | 8:29     | 12.0                  | 15.2                             | 8:29 | 13.8                  | 15.6                             |
| 8:30             | 23.5                  | 21.8                             | 8:30     | 13.8                  | 14.6                             | 8:30 | 15.8                  | 15.8                             |
| 8:31             | 23.3                  | 22.0                             | 8:31     | 12.0                  | 14.4                             | 8:31 | 16.5                  | 15.9                             |
| 8:32             | 21.3                  | 22.2                             | 8:32     | 18.0                  | 14.8                             | 8:32 | 15.5                  | 16.1                             |
| 8:33             | 18.8                  | 22.3                             | 8:33     | 15.0                  | 15.1                             | 8:33 | 14.5                  | 16.0                             |
| 8:34             | 24.0                  | 22.6                             | 8:34     | 13.8                  | 15.1                             | 8:34 | 14.8                  | 16.0                             |
| 8:35             | 23.0                  | 22.9                             | 8:35     | 19.0                  | 15.6                             | 8:35 | 14.5                  | 15.9                             |
| 8:36             | 20.5                  | 22.7                             | 8:36     | 14.0                  | 15.1                             | 8:36 | 13.0                  | 15.6                             |
| 8:37             | 16.8                  | 22.1                             | 8:37     | 12.5                  | 14.5                             | 8:37 | 13.0                  | 15.0                             |
| 8:38             | 26.8                  | 22.4                             | 8:38     | 15.5                  | 14.5                             | 8:38 | 13.0                  | 14.8                             |
| 8:39             | 30.0                  | 22.7                             | 8:39     | 15.0                  | 14.4                             | 8:39 | 13.0                  | 14.6                             |
| 8:40             | 20.5                  | 22.4                             | 8:40     | 14.0                  | 14.5                             | 8:40 | 13.0                  | 14.2                             |
| 8:41             | 17.3                  | 22.4                             | 8:41     | 14.8                  | 14.5                             | 8:41 | 13.3                  | 14.0                             |
| 8:42             | 18.0                  | 22.2                             | 8:42     | 13.5                  | 14.5                             | 8:42 | 15.0                  | 14.1                             |
| 8:43             | 22.0                  | 21.9                             | 8:43     | 14.8                  | 14.5                             | 8:43 | 14.3                  | 14.2                             |
| 8:44             | 21.8                  | 21.8                             | 8:44     | 11.8                  | 14.5                             | 8:44 | 15.5                  | 14.3                             |
| 8:45             | 20.5                  | 21.6                             | 8:45     | 13.5                  | 14.5                             | 8:45 | 17.8                  | 14.4                             |
| 8:46             | 26.8                  | 21.9                             | 8:46     | 13.8                  | 14.6                             | 8:46 | 15.0                  | 14.3                             |
| 8:47             | 19.5                  | 21.7                             | 8:47     | 12.8                  | 14.2                             | 8:47 | 13.0                  | 14.2                             |
| 8:48             | 19.5                  | 21.8                             | 8:48     | 13.3                  | 14.1                             | 8:48 | 13.0                  | 14.1                             |
| 8:49             | 16.8                  | 21.3                             | 8:49     | 14.0                  | 14.1                             | 8:49 | 13.8                  | 14.0                             |
| 8:50             | 19.8                  | 21.1                             | 8:50     | 16.0                  | 13.9                             | 8:50 | 13.5                  | 13.9                             |
| 8:51             | 18.0                  | 20.9                             | 8:51     | 13.5                  | 13.9                             | 8:51 | 14.8                  | 14.1                             |
| 8:52             | 17.5                  | 21.0                             | 8:52     | 10.5                  | 13.8                             | 8:52 | 18.3                  | 14.4                             |
| 8:53             | 15.8                  | 20.2                             | 8:53     | 10.0                  | 13.4                             | 8:53 | 17.5                  | 14.7                             |
| 8:54             | 16.3                  | 19.3                             | 8:54     | 11.0                  | 13.1                             | 8:54 | 14.0                  | 14.8                             |
| 8:55             | 17.0                  | 19.1                             | 8:55     | 11.5                  | 13.0                             | 8:55 | 15.5                  | 14.9                             |
| 8:56             | 17.0                  | 19.1                             | 8:56     | 11.5                  | 12.8                             | 8:56 | 15.5                  | 15.1                             |
| 8:57             | 18.0                  | 19.1                             | 8:57     | 12.8                  | 12.7                             | 8:57 | 15.8                  | 15.1                             |
| 8:58             | 18.3                  | 18.8                             | 8:58     | 13.0                  | 12.6                             | 8:58 | 17.3                  | 15.3                             |
| 8:59             | 19.0                  | 18.6                             | 8:59     | 13.5                  | 12.7                             | 8:59 | 16.8                  | 15.4                             |
| 9:00             | 18.3                  | 18.5                             | 9:00     | 13.5                  | 12.7                             | 9:00 | 15.5                  | 15.3                             |
| 9:01             | 18.0                  | 17.9                             | 9:01     | 11.3                  | 12.5                             | 9:01 | 15.0                  | 15.3                             |
| 9:02             | 16.3                  | 17.7                             | 9:02     | 13.3                  | 12.6                             | 9:02 | 16.0                  | 15.5                             |
| 9:03             | 16.5                  | 17.5                             | 9:03     | 11.5                  | 12.5                             | 9:03 | 22.3                  | 16.1                             |
| 9:04             | 20.3                  | 17.7                             | 9:04     | 12.3                  | 12.3                             | 9:04 | 18.8                  | 16.4                             |
| 9:05             | 22.0                  | 17.9                             | 9:05     | 17.8                  | 12.5                             | 9:05 | 16.3                  | 16.6                             |
| 9:06             | 18.0                  | 17.9                             | 9:06     | 14.8                  | 12.5                             | 9:06 | 23.8                  | 17.2                             |
| 9:07             | 17.3                  | 17.9                             | 9:07     | 13.3                  | 12.7                             | 9:07 | 48.8                  | 19.2                             |
| 9:08             | 19.5                  | 18.1                             | 9:08     | 14.0                  | 13.0                             | 9:08 | 20.0                  | 19.4                             |
| 9:09             | 16.5                  | 18.1                             | 9:09     | 15.5                  | 13.3                             | 9:09 | 16.5                  | 19.6                             |
| 9:10             | 16.3                  | 18.1                             | 9:10     | 12.3                  | 13.3                             | 9:10 | 15.0                  | 19.5                             |
| 9:11             | 17.0                  | 18.1                             | 9:11     | 11.5                  | 13.3                             | 9:11 | 17.0                  | 19.6                             |
| 9:12             | 17.0                  | 18.0                             | 9:12     | 12.8                  | 13.3                             | 9:12 | 14.5                  | 19.6                             |
| 9:13             | 17.8                  | 18.0                             | 9:13     | 15.3                  | 13.5                             | 9:13 | 13.3                  | 19.3                             |
| 9:14             | 17.8                  | 17.9                             | 9:14     | 13.8                  | 13.5                             | 9:14 | 14.0                  | 19.1                             |
| 9:15             | 17.3                  | 17.8                             | 9:15     | 13.0                  | 13.5                             | 9:15 | 19.8                  | 19.4                             |
| 9:16             | 16.8                  | 17.7                             | 9:16     | 12.8                  | 13.6                             | 9:16 | 19.5                  | 19.7                             |
| 9:17             | 18.0                  | 17.9                             | 9:17     | 13.0                  | 13.6                             | 9:17 | 16.3                  | 19.7                             |
| 9:18             | 19.0                  | 18.0                             | 9:18     | 14.0                  | 13.7                             | 9:18 | 15.5                  | 19.3                             |
| 9:19             | 18.3                  | 17.9                             | 9:19     | 13.8                  | 13.8                             | 9:19 | 19.3                  | 19.3                             |
| 9:20             | 18.5                  | 17.7                             | 9:20     | 13.8                  | 13.6                             | 9:20 | 29.8                  | 20.2                             |
| 9:21             | 18.5                  | 17.7                             | 9:21     | 13.5                  | 13.5                             | 9:21 | 19.3                  | 19.9                             |
| 9:22             | 18.5                  | 17.8                             | 9:22     | 16.8                  | 13.7                             | 9:22 | 15.8                  | 17.7                             |
| 9:23             | 19.8                  | 17.8                             | 9:23     | 18.3                  | 14.0                             | 9:23 | 20.5                  | 17.7                             |
| 9:24             | 22.3                  | 18.2                             | 9:24     | 14.0                  | 13.9                             | 9:24 | 28.8                  | 18.5                             |
| 9:25             | 21.0                  | 18.5                             | 9:25     | 13.0                  | 13.9                             | 9:25 | 17.5                  | 18.7                             |
| 9:26             | 17.8                  | 18.5                             | 9:26     | 13.0                  | 14.0                             | 9:26 | 19.8                  | 18.9                             |
| 9:27             | 16.0                  | 18.5                             | 9:27     | 13.0                  | 14.1                             | 9:27 | 18.5                  | 19.2                             |
| 9:28             | 16.0                  | 18.4                             | 9:28     | 14.0                  | 14.0                             | 9:28 | 17.3                  | 19.4                             |

| PARTICULATE DATA |                       |                                  |          |                       |                                  |       |                       |                                  |                                 |
|------------------|-----------------------|----------------------------------|----------|-----------------------|----------------------------------|-------|-----------------------|----------------------------------|---------------------------------|
| Upwind           |                       |                                  | Downwind |                       |                                  |       |                       |                                  |                                 |
| Time             | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) | Time     | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) | Time  | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) | Exceeds Particulate Alarm Limit |
| 9:29             | 16.5                  | 18.3                             | 9:29     | 14.5                  | 14.0                             | 9:29  | 18.3                  | 19.7                             |                                 |
| 9:30             | 18.5                  | 18.4                             | 9:30     | 15.3                  | 14.2                             | 9:30  | 17.5                  | 19.6                             | -                               |
| 9:31             | 18.5                  | 18.5                             | 9:31     | 14.8                  | 14.3                             | 9:31  | 16.0                  | 19.3                             | -                               |
| 9:32             | 21.0                  | 18.7                             | 9:32     | 14.0                  | 14.4                             | 9:32  | 16.5                  | 19.3                             | -                               |
| 9:33             | 22.0                  | 18.9                             | 9:33     | 15.3                  | 14.5                             | 9:33  | 18.0                  | 19.5                             | -                               |
| 9:34             | 18.3                  | 18.9                             | 9:34     | 17.3                  | 14.7                             | 9:34  | 23.5                  | 19.8                             | -                               |
| 9:35             | 17.3                  | 18.8                             | 9:35     | 15.3                  | 14.8                             | 9:35  | 18.3                  | 19.0                             | -                               |
| 9:36             | 18.0                  | 18.8                             | 9:36     | 15.3                  | 14.9                             | 9:36  | 20.5                  | 19.1                             | -                               |
| 9:37             | 18.0                  | 18.7                             | 9:37     | 14.8                  | 14.8                             | 9:37  | 19.5                  | 19.4                             | -                               |
| 9:38             | 25.3                  | 19.1                             | 9:38     | 15.3                  | 14.6                             | 9:38  | 17.0                  | 19.1                             | -                               |
| 9:39             | 26.3                  | 19.4                             | 9:39     | 16.3                  | 14.7                             | 9:39  | 15.3                  | 18.2                             | -                               |
| 9:40             | 24.0                  | 19.6                             | 9:40     | 18.5                  | 15.1                             | 9:40  | 16.5                  | 18.2                             | -                               |
| 9:41             | 21.8                  | 19.8                             | 9:41     | 18.8                  | 15.5                             | 9:41  | 16.0                  | 17.9                             | -                               |
| 9:42             | 26.3                  | 20.5                             | 9:42     | 15.5                  | 15.6                             | 9:42  | 14.3                  | 17.6                             | -                               |
| 9:43             | 21.3                  | 20.9                             | 9:43     | 15.8                  | 15.8                             | 9:43  | 15.0                  | 17.5                             | -                               |
| 9:44             | 21.0                  | 21.2                             | 9:44     | 14.8                  | 15.8                             | 9:44  | 15.0                  | 17.3                             | -                               |
| 9:45             | 21.0                  | 21.3                             | 9:45     | 17.0                  | 15.9                             | 9:45  | 16.8                  | 17.2                             | -                               |
| 9:46             | 24.8                  | 21.7                             | 9:46     | 15.8                  | 16.0                             | 9:46  | 17.8                  | 17.3                             | -                               |
| 9:47             | 18.3                  | 21.6                             | 9:47     | 14.3                  | 16.0                             | 9:47  | 15.3                  | 17.2                             | -                               |
| 9:48             | 17.5                  | 21.3                             | 9:48     | 14.0                  | 15.9                             | 9:48  | 15.8                  | 17.1                             | -                               |
| 9:49             | 19.0                  | 21.3                             | 9:49     | 15.5                  | 15.8                             | 9:49  | 16.8                  | 16.6                             | -                               |
| 9:50             | 18.3                  | 21.4                             | 9:50     | 17.0                  | 15.9                             | 9:50  | 16.0                  | 16.5                             | -                               |
| 9:51             | 23.5                  | 21.7                             | 9:51     | 14.0                  | 15.8                             | 9:51  | 22.8                  | 16.6                             | -                               |
| 9:52             | 22.0                  | 22.0                             | 9:52     | 14.0                  | 15.8                             | 9:52  | 28.0                  | 17.2                             | -                               |
| 9:53             | 18.5                  | 21.6                             | 9:53     | 17.0                  | 15.9                             | 9:53  | 20.8                  | 17.5                             | -                               |
| 9:54             | 17.0                  | 20.9                             | 9:54     | 15.5                  | 15.8                             | 9:54  | 18.8                  | 17.7                             | -                               |
| 9:55             | 16.0                  | 20.4                             | 9:55     | 14.5                  | 15.6                             | 9:55  | 15.3                  | 17.6                             | -                               |
| 9:56             | 17.3                  | 20.1                             | 9:56     | 15.0                  | 15.3                             | 9:56  | 14.3                  | 17.5                             | -                               |
| 9:57             | 18.5                  | 19.6                             | 9:57     | 15.3                  | 15.3                             | 9:57  | 14.0                  | 17.5                             | -                               |
| 9:58             | 17.5                  | 19.3                             | 9:58     | 14.8                  | 15.2                             | 9:58  | 20.0                  | 17.8                             | -                               |
| 9:59             | 18.5                  | 19.2                             | 9:59     | 14.8                  | 15.2                             | 9:59  | 18.8                  | 18.1                             | -                               |
| 10:00            | 18.3                  | 19.0                             | 10:00    | 14.0                  | 15.0                             | 10:00 | 15.8                  | 18.0                             | -                               |
| 10:01            | 18.5                  | 18.6                             | 10:01    | 15.5                  | 15.0                             | 10:01 | 14.5                  | 17.8                             | -                               |
| 10:02            | 17.8                  | 18.5                             | 10:02    | 15.3                  | 15.1                             | 10:02 | 13.0                  | 17.6                             | -                               |
| 10:03            | 17.0                  | 18.5                             | 10:03    | 17.3                  | 15.3                             | 10:03 | 13.0                  | 17.4                             | -                               |
| 10:04            | 17.8                  | 18.4                             | 10:04    | 21.3                  | 15.7                             | 10:04 | 16.3                  | 17.4                             | -                               |
| 10:05            | 26.5                  | 19.0                             | 10:05    | 17.0                  | 15.7                             | 10:05 | 21.3                  | 17.8                             | -                               |
| 10:06            | 20.5                  | 18.8                             | 10:06    | 15.0                  | 15.7                             | 10:06 | 22.8                  | 17.8                             | -                               |
| 10:07            | 17.8                  | 18.5                             | 10:07    | 15.3                  | 15.8                             | 10:07 | 15.8                  | 16.9                             | -                               |
| 10:08            | 16.8                  | 18.4                             | 10:08    | 17.8                  | 15.9                             | 10:08 | 17.0                  | 16.7                             | -                               |
| 10:09            | 16.0                  | 18.3                             | 10:09    | 14.3                  | 15.8                             | 10:09 | 25.5                  | 17.1                             | -                               |
| 10:10            | 16.8                  | 18.4                             | 10:10    | 14.8                  | 15.8                             | 10:10 | 22.8                  | 17.6                             | -                               |
| 10:11            | 19.8                  | 18.5                             | 10:11    | 15.0                  | 15.8                             | 10:11 | 23.8                  | 18.3                             | -                               |
| 10:12            | 24.5                  | 18.9                             | 10:12    | 14.0                  | 15.7                             | 10:12 | 22.3                  | 18.8                             | -                               |
| 10:13            | 22.0                  | 19.2                             | 10:13    | 15.3                  | 15.8                             | 10:13 | 15.0                  | 18.5                             | -                               |
| 10:14            | 18.3                  | 19.2                             | 10:14    | 21.0                  | 16.2                             | 10:14 | 13.3                  | 18.1                             | -                               |
| 10:15            | 17.0                  | 19.1                             | 10:15    | 25.8                  | 17.0                             | 10:15 | 12.8                  | 17.9                             | -                               |
| 10:16            | 17.0                  | 19.0                             | 10:16    | 19.0                  | 17.2                             | 10:16 | 12.8                  | 17.8                             | -                               |
| 10:17            | 16.5                  | 18.9                             | 10:17    | 28.0                  | 18.0                             | 10:17 | 13.5                  | 17.8                             | -                               |
| 10:18            | 17.5                  | 19.0                             | 10:18    | 25.8                  | 18.6                             | 10:18 | 14.0                  | 17.9                             | -                               |
| 10:19            | 18.8                  | 19.0                             | 10:19    | 18.8                  | 18.4                             | 10:19 | 16.3                  | 17.9                             | -                               |
| 10:20            | 21.3                  | 18.7                             | 10:20    | 21.0                  | 18.7                             | 10:20 | 15.3                  | 17.5                             | -                               |
| 10:21            | 17.5                  | 18.5                             | 10:21    | 21.3                  | 19.1                             | 10:21 | 16.5                  | 17.1                             | -                               |
| 10:22            | 16.5                  | 18.4                             | 10:22    | 16.5                  | 19.2                             | 10:22 | 14.0                  | 17.0                             | -                               |
| 10:23            | 18.3                  | 18.5                             | 10:23    | 27.8                  | 19.9                             | 10:23 | 13.0                  | 16.7                             | -                               |
| 10:24            | 17.5                  | 18.6                             | 10:24    | 16.3                  | 20.0                             | 10:24 | 18.8                  | 16.3                             | -                               |
| 10:25            | 18.3                  | 18.7                             | 10:25    | 16.3                  | 20.1                             | 10:25 | 18.0                  | 15.9                             | -                               |
| 10:26            | 19.5                  | 18.7                             | 10:26    | 17.0                  | 20.2                             | 10:26 | 14.8                  | 15.3                             | -                               |
| 10:27            | 21.0                  | 18.5                             | 10:27    | 17.3                  | 20.5                             | 10:27 | 13.8                  | 14.8                             | -                               |
| 10:28            | 17.8                  | 18.2                             | 10:28    | 16.3                  | 20.5                             | 10:28 | 14.5                  | 14.7                             | -                               |
| 10:29            | 20.3                  | 18.3                             | 10:29    | 16.0                  | 20.2                             | 10:29 | 14.8                  | 14.8                             | -                               |
| 10:30            | 20.8                  | 18.6                             | 10:30    | 16.5                  | 19.6                             | 10:30 | 46.8                  | 17.1                             | -                               |
| 10:31            | 22.0                  | 18.9                             | 10:31    | 18.5                  | 19.5                             | 10:31 | 19.3                  | 17.5                             | -                               |
| 10:32            | 20.5                  | 19.2                             | 10:32    | 19.0                  | 18.9                             | 10:32 | 15.8                  | 17.7                             | -                               |
| 10:33            | 18.3                  | 19.2                             | 10:33    | 20.5                  | 18.6                             | 10:33 | 16.8                  | 17.9                             | -                               |
| 10:34            | 19.0                  | 19.2                             | 10:34    | 18.0                  | 18.5                             | 10:34 | 17.3                  | 17.9                             | -                               |
| 10:35            | 19.8                  | 19.1                             | 10:35    | 17.8                  | 18.3                             | 10:35 | 17.3                  | 18.1                             | -                               |
| 10:36            | 19.8                  | 19.3                             | 10:36    | 16.3                  | 18.0                             | 10:36 | 17.8                  | 18.2                             | -                               |
| 10:37            | 20.8                  | 19.6                             | 10:37    | 15.5                  | 17.9                             | 10:37 | 23.8                  | 18.8                             | -                               |
| 10:38            | 18.5                  | 19.6                             | 10:38    | 15.0                  | 17.1                             | 10:38 | 24.5                  | 19.6                             | -                               |
| 10:39            | 17.8                  | 19.6                             | 10:39    | 14.0                  | 16.9                             | 10:39 | 20.3                  | 19.7                             | -                               |
| 10:40            | 18.0                  | 19.6                             | 10:40    | 14.0                  | 16.8                             | 10:40 | 17.0                  | 19.6                             | -                               |
| 10:41            | 19.0                  | 19.5                             | 10:41    | 15.0                  | 16.6                             | 10:41 | 18.8                  | 19.9                             | -                               |
| 10:42            | 17.3                  | 19.3                             | 10:42    | 15.5                  | 16.5                             | 10:42 | 24.5                  | 20.6                             | -                               |
| 10:43            | 17.0                  | 19.2                             | 10:43    | 14.0                  | 16.4                             | 10:43 | 26.5                  | 21.4                             | -                               |
| 10:44            | 17.5                  | 19.1                             | 10:44    | 13.8                  | 16.2                             | 10:44 | 20.0                  | 21.7                             | -                               |

| PARTICULATE DATA |                       |                                  |          |                       |                                  |       |                       |                                  |                                 |
|------------------|-----------------------|----------------------------------|----------|-----------------------|----------------------------------|-------|-----------------------|----------------------------------|---------------------------------|
| Upwind           |                       |                                  | Downwind |                       |                                  |       |                       |                                  |                                 |
| Time             | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) | Time     | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) | Time  | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) | Exceeds Particulate Alarm Limit |
| 10:45            | 42.0                  | 20.5                             | 10:45    | 13.3                  | 16.0                             | 10:45 | 19.5                  | 19.9                             | -                               |
| 10:46            | 28.3                  | 20.9                             | 10:46    | 16.8                  | 15.9                             | 10:46 | 17.3                  | 19.8                             | -                               |
| 10:47            | 16.3                  | 20.6                             | 10:47    | 14.0                  | 15.6                             | 10:47 | 22.5                  | 20.2                             | -                               |
| 10:48            | 16.8                  | 20.5                             | 10:48    | 14.5                  | 15.2                             | 10:48 | 19.3                  | 20.4                             | -                               |
| 10:49            | 17.0                  | 20.4                             | 10:49    | 16.3                  | 15.0                             | 10:49 | 18.3                  | 20.5                             | -                               |
| 10:50            | 17.0                  | 20.2                             | 10:50    | 17.0                  | 15.0                             | 10:50 | 30.5                  | 21.4                             | -                               |
| 10:51            | 19.3                  | 20.2                             | 10:51    | 14.0                  | 14.8                             | 10:51 | 24.5                  | 21.8                             | -                               |
| 10:52            | 20.3                  | 20.1                             | 10:52    | 14.0                  | 14.7                             | 10:52 | 18.5                  | 21.5                             | -                               |
| 10:53            | 17.3                  | 20.0                             | 10:53    | 14.0                  | 14.7                             | 10:53 | 14.0                  | 20.8                             | -                               |
| 10:54            | 17.8                  | 20.0                             | 10:54    | 14.0                  | 14.7                             | 10:54 | 17.5                  | 20.6                             | -                               |
| 10:55            | 22.3                  | 20.3                             | 10:55    | 14.3                  | 14.7                             | 10:55 | 19.3                  | 20.7                             | -                               |
| 10:56            | 21.0                  | 20.5                             | 10:56    | 18.3                  | 14.9                             | 10:56 | 20.8                  | 20.9                             | -                               |
| 10:57            | 18.3                  | 20.5                             | 10:57    | 17.5                  | 15.0                             | 10:57 | 20.0                  | 20.6                             | -                               |
| 10:58            | 19.0                  | 20.7                             | 10:58    | 15.0                  | 15.1                             | 10:58 | 21.5                  | 20.2                             | -                               |
| 10:59            | 22.0                  | 21.0                             | 10:59    | 16.0                  | 15.3                             | 10:59 | 17.8                  | 20.1                             | -                               |
| 11:00            | 20.0                  | 19.5                             | 11:00    | 18.0                  | 15.6                             | 11:00 | 15.8                  | 19.8                             | -                               |
| 11:01            | 19.5                  | 18.9                             | 11:01    | 18.8                  | 15.7                             | 11:01 | 21.3                  | 20.1                             | -                               |
| 11:02            | 19.8                  | 19.1                             | 11:02    | 27.5                  | 16.6                             | 11:02 | 17.8                  | 19.8                             | -                               |
| 11:03            | 19.5                  | 19.3                             | 11:03    | 17.5                  | 16.8                             | 11:03 | 38.8                  | 21.1                             | -                               |
| 11:04            | 18.8                  | 19.4                             | 11:04    | 15.8                  | 16.8                             | 11:04 | 24.3                  | 21.5                             | -                               |
| 11:05            | 20.5                  | 19.7                             | 11:05    | 16.0                  | 16.7                             | 11:05 | 20.8                  | 20.8                             | -                               |
| 11:06            | 20.3                  | 19.7                             | 11:06    | 15.3                  | 16.8                             | 11:06 | 18.0                  | 20.4                             | -                               |
| 11:07            | 18.5                  | 19.6                             | 11:07    | 15.0                  | 16.9                             | 11:07 | 23.0                  | 20.7                             | -                               |
| 11:08            | 21.0                  | 19.9                             | 11:08    | 16.3                  | 17.0                             | 11:08 | 28.8                  | 21.7                             | -                               |
| 11:09            | 20.5                  | 20.1                             | 11:09    | 17.3                  | 17.2                             | 11:09 | 21.8                  | 22.0                             | -                               |
| 11:10            | 21.8                  | 20.0                             | 11:10    | 16.0                  | 17.3                             | 11:10 | 22.3                  | 22.2                             | -                               |
| 11:11            | 26.5                  | 20.4                             | 11:11    | 15.8                  | 17.2                             | 11:11 | 45.0                  | 23.8                             | -                               |
| 11:12            | 20.0                  | 20.5                             | 11:12    | 17.5                  | 17.2                             | 11:12 | 39.0                  | 25.0                             | -                               |
| 11:13            | 18.0                  | 20.4                             | 11:13    | 16.8                  | 17.3                             | 11:13 | 41.5                  | 26.4                             | -                               |
| 11:14            | 18.0                  | 20.2                             | 11:14    | 16.0                  | 17.3                             | 11:14 | 20.3                  | 26.5                             | -                               |
| 11:15            | 21.5                  | 20.3                             | 11:15    | 16.3                  | 17.2                             | 11:15 | 25.5                  | 27.2                             | -                               |
| 11:16            | 22.0                  | 20.4                             | 11:16    | 17.3                  | 17.1                             | 11:16 | 21.0                  | 27.2                             | -                               |
| 11:17            | 22.8                  | 20.6                             | 11:17    | 22.8                  | 16.8                             | 11:17 | 21.3                  | 27.4                             | -                               |
| 11:18            | 23.8                  | 20.9                             | 11:18    | 19.3                  | 16.9                             | 11:18 | 18.8                  | 26.1                             | -                               |
| 11:19            | 19.5                  | 21.0                             | 11:19    | 18.0                  | 17.0                             | 11:19 | 21.8                  | 25.9                             | -                               |
| 11:20            | 23.8                  | 21.2                             | 11:20    | 17.8                  | 17.1                             | 11:20 | 18.8                  | 25.8                             | -                               |
| 11:21            | 20.3                  | 21.2                             | 11:21    | 18.5                  | 17.4                             | 11:21 | 17.3                  | 25.7                             | -                               |
| 11:22            | 18.3                  | 21.2                             | 11:22    | 16.0                  | 17.4                             | 11:22 | 20.3                  | 25.5                             | -                               |
| 11:23            | 18.0                  | 21.0                             | 11:23    | 16.8                  | 17.5                             | 11:23 | 13.5                  | 24.5                             | -                               |
| 11:24            | 20.0                  | 20.9                             | 11:24    | 16.3                  | 17.4                             | 11:24 | 20.3                  | 24.4                             | -                               |
| 11:25            | 25.8                  | 21.2                             | 11:25    | 15.8                  | 17.4                             | 11:25 | 28.0                  | 24.8                             | -                               |
| 11:26            | 19.3                  | 20.7                             | 11:26    | 15.0                  | 17.3                             | 11:26 | 23.3                  | 23.4                             | -                               |
| 11:27            | 19.8                  | 20.7                             | 11:27    | 14.0                  | 17.1                             | 11:27 | 19.5                  | 22.1                             | -                               |
| 11:28            | 21.5                  | 20.9                             | 11:28    | 16.3                  | 17.1                             | 11:28 | 17.3                  | 20.4                             | -                               |
| 11:29            | 22.8                  | 21.3                             | 11:29    | 16.3                  | 17.1                             | 11:29 | 15.0                  | 20.1                             | -                               |
| 11:30            | 24.3                  | 21.4                             | 11:30    | 18.5                  | 17.2                             | 11:30 | 14.3                  | 19.3                             | -                               |
| 11:31            | 17.8                  | 21.2                             | 11:31    | 18.0                  | 17.3                             | 11:31 | 17.3                  | 19.1                             | -                               |
| 11:32            | 17.3                  | 20.8                             | 11:32    | 14.8                  | 16.7                             | 11:32 | 22.5                  | 19.2                             | -                               |
| 11:33            | 18.5                  | 20.4                             | 11:33    | 14.0                  | 16.4                             | 11:33 | 27.0                  | 19.7                             | -                               |
| 11:34            | 20.3                  | 20.5                             | 11:34    | 13.3                  | 16.1                             | 11:34 | 14.8                  | 19.3                             | -                               |
| 11:35            | 21.0                  | 20.3                             | 11:35    | 13.0                  | 15.8                             | 11:35 | 14.3                  | 19.0                             | -                               |
| 11:36            | 22.3                  | 20.4                             | 11:36    | 15.0                  | 15.5                             | 11:36 | 14.5                  | 18.8                             | -                               |
| 11:37            | 19.8                  | 20.5                             | 11:37    | 14.0                  | 15.4                             | 11:37 | 21.5                  | 18.9                             | -                               |
| 11:38            | 17.3                  | 20.5                             | 11:38    | 13.0                  | 15.1                             | 11:38 | 16.8                  | 19.1                             | -                               |
| 11:39            | 21.0                  | 20.6                             | 11:39    | 13.0                  | 14.9                             | 11:39 | 21.0                  | 19.1                             | -                               |
| 11:40            | 18.8                  | 20.1                             | 11:40    | 13.0                  | 14.7                             | 11:40 | 22.8                  | 18.8                             | -                               |
| 11:41            | 21.3                  | 20.2                             | 11:41    | 14.5                  | 14.7                             | 11:41 | 22.0                  | 18.7                             | -                               |
| 11:42            | 30.5                  | 20.9                             | 11:42    | 21.0                  | 15.2                             | 11:42 | 15.8                  | 18.4                             | -                               |
| 11:43            | 27.0                  | 21.3                             | 11:43    | 20.3                  | 15.4                             | 11:43 | 20.0                  | 18.6                             | -                               |
| 11:44            | 19.3                  | 21.1                             | 11:44    | 15.0                  | 15.4                             | 11:44 | 35.3                  | 20.0                             | -                               |
| 11:45            | 19.8                  | 20.8                             | 11:45    | 18.0                  | 15.3                             | 11:45 | 41.0                  | 21.8                             | -                               |
| 11:46            | 20.5                  | 21.0                             | 11:46    | 15.3                  | 15.1                             | 11:46 | 37.5                  | 23.1                             | -                               |
| 11:47            | 26.8                  | 21.6                             | 11:47    | 16.8                  | 15.3                             | 11:47 | 21.0                  | 23.0                             | -                               |
| 11:48            | 25.5                  | 22.1                             | 11:48    | 15.8                  | 15.4                             | 11:48 | 18.0                  | 22.4                             | -                               |
| 11:49            | 28.0                  | 22.6                             | 11:49    | 16.8                  | 15.6                             | 11:49 | 19.8                  | 22.7                             | -                               |
| 11:50            | 22.3                  | 22.7                             | 11:50    | 13.3                  | 15.6                             | 11:50 | 25.3                  | 23.5                             | -                               |
| 11:51            | 22.8                  | 22.7                             | 11:51    | 13.0                  | 15.5                             | 11:51 | 20.5                  | 23.9                             | -                               |
| 11:52            | 19.0                  | 22.6                             | 11:52    | 13.5                  | 15.5                             | 11:52 | 13.5                  | 23.3                             | -                               |
| 11:53            | 22.5                  | 23.0                             | 11:53    | 13.0                  | 15.5                             | 11:53 | 12.5                  | 23.1                             | -                               |
| 11:54            | 24.5                  | 23.2                             | 11:54    | 14.8                  | 15.6                             | 11:54 | 18.0                  | 22.9                             | -                               |
| 11:55            | 22.5                  | 23.5                             | 11:55    | 15.5                  | 15.8                             | 11:55 | 16.8                  | 22.5                             | -                               |
| 11:56            | 23.3                  | 23.6                             | 11:56    | 16.0                  | 15.9                             | 11:56 | 19.0                  | 22.3                             | -                               |
| 11:57            | 23.0                  | 23.1                             | 11:57    | 14.3                  | 15.4                             | 11:57 | 18.0                  | 22.4                             | -                               |
| 11:58            | 24.5                  | 22.9                             | 11:58    | 13.8                  | 15.0                             | 11:58 | 17.0                  | 22.2                             | -                               |
| 11:59            | 24.5                  | 23.3                             | 11:59    | 18.3                  | 15.2                             | 11:59 | 18.5                  | 21.1                             | -                               |
| 12:00            | 24.0                  | 23.6                             | 12:00    | 19.0                  | 15.3                             | 12:00 | 23.0                  | 19.9                             | -                               |

| PARTICULATE DATA |                       |                                  |          |                       |                                  |       |                       |                                  |
|------------------|-----------------------|----------------------------------|----------|-----------------------|----------------------------------|-------|-----------------------|----------------------------------|
| Upwind           |                       |                                  | Downwind |                       |                                  |       |                       |                                  |
| Time             | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) | Time     | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) | Time  | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) |
| 12:01            | 20.0                  | 23.5                             | 12:01    | 15.0                  | 15.2                             | 12:01 | 23.0                  | 18.9                             |
| 12:02            | 20.3                  | 23.1                             | 12:02    | 14.8                  | 15.1                             | 12:02 | 27.8                  | 19.4                             |
| 12:03            | 19.0                  | 22.7                             | 12:03    | 14.0                  | 15.0                             | 12:03 | 22.8                  | 19.7                             |
| 12:04            | 18.3                  | 22.0                             | 12:04    | 13.5                  | 14.8                             | 12:04 | 23.8                  | 20.0                             |
| 12:05            | 20.8                  | 21.9                             | 12:05    | 13.3                  | 14.8                             | 12:05 | 19.3                  | 19.6                             |
| 12:06            | 22.3                  | 21.9                             | 12:06    | 13.3                  | 14.8                             | 12:06 | 14.3                  | 19.1                             |
| 12:07            | 25.3                  | 22.3                             | 12:07    | 14.0                  | 14.8                             | 12:07 | 11.0                  | 19.0                             |
| 12:08            | 21.0                  | 22.2                             | 12:08    | 13.8                  | 14.9                             | 12:08 | 12.3                  | 19.0                             |
| 12:09            | 22.3                  | 22.1                             | 12:09    | 15.0                  | 14.9                             | 12:09 | 13.0                  | 18.6                             |
| 12:10            | 21.3                  | 22.0                             | 12:10    | 15.3                  | 14.9                             | 12:10 | 13.3                  | 18.4                             |
| 12:11            | 19.3                  | 21.7                             | 12:11    | 14.5                  | 14.8                             | 12:11 | 11.8                  | 17.9                             |
| 12:12            | 19.8                  | 21.5                             | 12:12    | 15.0                  | 14.8                             | 12:12 | 11.0                  | 17.4                             |
| 12:13            | 19.3                  | 21.1                             | 12:13    | 14.3                  | 14.9                             | 12:13 | 12.0                  | 17.1                             |
| 12:14            | 18.8                  | 20.8                             | 12:14    | 14.0                  | 14.6                             | 12:14 | 13.3                  | 16.8                             |
| 12:15            | 19.0                  | 20.4                             | 12:15    | 13.3                  | 14.2                             | 12:15 | 13.0                  | 16.1                             |
| 12:16            | 24.0                  | 20.7                             | 12:16    | 13.8                  | 14.1                             | 12:16 | 11.5                  | 15.3                             |
| 12:17            | 19.3                  | 20.6                             | 12:17    | 15.0                  | 14.1                             | 12:17 | 13.0                  | 14.3                             |
| 12:18            | 20.0                  | 20.7                             | 12:18    | 14.5                  | 14.2                             | 12:18 | 14.0                  | 13.8                             |
| 12:19            | 19.5                  | 20.8                             | 12:19    | 15.0                  | 14.3                             | 12:19 | 17.0                  | 13.3                             |
| 12:20            | 18.3                  | 20.6                             | 12:20    | 16.8                  | 14.5                             | 12:20 | 14.8                  | 13.0                             |
| 12:21            | 18.0                  | 20.3                             | 12:21    | 14.0                  | 14.5                             | 12:21 | 14.5                  | 13.0                             |
| 12:22            | 18.8                  | 19.9                             | 12:22    | 14.0                  | 14.5                             | 12:22 | 14.3                  | 13.2                             |
| 12:23            | 17.5                  | 19.7                             | 12:23    | 14.0                  | 14.6                             | 12:23 | 14.5                  | 13.4                             |
| 12:24            | 17.5                  | 19.3                             | 12:24    | 13.0                  | 14.4                             | 12:24 | 24.8                  | 14.2                             |
| 12:25            | 17.5                  | 19.1                             | 12:25    | 12.5                  | 14.2                             | 12:25 | 25.0                  | 15.0                             |
| 12:26            | 17.8                  | 19.0                             | 12:26    | 12.8                  | 14.1                             | 12:26 | 159.5                 | 24.8                             |
| 12:27            | 18.0                  | 18.9                             | 12:27    | 12.5                  | 14.0                             | 12:27 | 177.0                 | 35.9                             |
| 12:28            | 18.5                  | 18.8                             | 12:28    | 12.5                  | 13.8                             | 12:28 | 26.8                  | 36.9                             |
| 12:29            | 17.8                  | 18.8                             | 12:29    | 13.5                  | 13.8                             | 12:29 | 42.0                  | 38.8                             |
| 12:30            | 19.0                  | 18.8                             | 12:30    | 14.3                  | 13.9                             | 12:30 | 11.8                  | 38.7                             |
| 12:31            | 20.0                  | 18.5                             | 12:31    | 24.5                  | 14.6                             | 12:31 | 2.5                   | 38.1                             |
| 12:32            | 18.5                  | 18.4                             | 12:32    | 19.4                  | 14.9                             | 12:32 | 2.8                   | 37.4                             |
| 12:33            | 19.0                  | 18.4                             | 12:33    | 13.8                  | 14.8                             | 12:33 | 7.8                   | 37.0                             |
| 12:34            | 18.5                  | 18.3                             | 12:34    | 14.4                  | 14.8                             | 12:34 | 12.3                  | 36.7                             |
| 12:35            | 17.5                  | 18.3                             | 12:35    | 13.8                  | 14.6                             | 12:35 | 7.5                   | 36.2                             |
| 12:36            | 20.3                  | 18.4                             | 12:36    | 14.2                  | 14.6                             | 12:36 | 4.0                   | 35.5                             |
| 12:37            | 19.3                  | 18.4                             | 12:37    | 14.0                  | 14.6                             | 12:37 | 8.8                   | 35.1                             |
| 12:38            | 18.8                  | 18.5                             | 12:38    | 18.2                  | 14.9                             | 12:38 | 4.5                   | 34.5                             |
| 12:39            | 18.8                  | 18.6                             | 12:39    | 20.0                  | 15.4                             | 12:39 | 2.3                   | 33.0                             |
| 12:40            | 20.3                  | 18.8                             | 12:40    | 22.6                  | 16.0                             | 12:40 | 2.5                   | 31.5                             |
| 12:41            | 21.3                  | 19.0                             | 12:41    | 20.2                  | 16.5                             | 12:41 | 5.0                   | 21.2                             |
| 12:42            | 22.5                  | 19.3                             | 12:42    | 15.8                  | 16.7                             | 12:42 | 4.8                   | 9.7                              |
| 12:43            | 23.8                  | 19.7                             | 12:43    | 15.0                  | 16.9                             | 12:43 | 5.3                   | 8.2                              |
| 12:44            | 20.8                  | 19.9                             | 12:44    | 15.2                  | 17.0                             | 12:44 | 16.0                  | 6.5                              |
| 12:45            | 30.5                  | 20.6                             | 12:45    | 15.0                  | 17.1                             | 12:45 | 9.5                   | 6.4                              |
| 12:46            | 29.5                  | 21.3                             | 12:46    | 14.8                  | 16.4                             | 12:46 | 14.3                  | 7.1                              |
| 12:47            | 23.3                  | 21.6                             | 12:47    | 13.4                  | 16.0                             | 12:47 | 6.3                   | 7.4                              |
| 12:48            | 22.5                  | 21.8                             | 12:48    | 14.0                  | 16.0                             | 12:48 | 1.2                   | 6.9                              |
| 12:49            | 21.5                  | 22.0                             | 12:49    | 14.0                  | 16.0                             | 12:49 | 1.2                   | 6.2                              |
| 12:50            | 20.8                  | 22.2                             | 12:50    | 14.6                  | 16.1                             | 12:50 | 2.8                   | 5.9                              |
| 12:51            | 21.8                  | 22.3                             | 12:51    | 17.8                  | 16.3                             | 12:51 | 2.0                   | 5.7                              |
| 12:52            | 20.8                  | 22.4                             | 12:52    | 19.4                  | 16.7                             | 12:52 | 2.0                   | 5.3                              |
| 12:53            | 20.5                  | 22.6                             | 12:53    | 19.4                  | 16.7                             | 12:53 | 3.0                   | 5.2                              |
| 12:54            | 19.3                  | 22.6                             | 12:54    | 13.8                  | 16.3                             | 12:54 | 8.4                   | 5.6                              |
| 12:55            | 18.5                  | 22.5                             | 12:55    | 13.6                  | 15.7                             | 12:55 | 3.2                   | 5.7                              |
| 12:56            | 19.5                  | 22.4                             | 12:56    | 16.4                  | 15.5                             | 12:56 | 2.0                   | 5.5                              |
| 12:57            | 18.3                  | 22.1                             | 12:57    | 15.0                  | 15.4                             | 12:57 | 2.0                   | 5.3                              |
| 12:58            | 19.8                  | 21.8                             | 12:58    | 13.0                  | 15.3                             | 12:58 | 2.0                   | 5.1                              |
| 12:59            | 17.5                  | 21.6                             | 12:59    | 13.0                  | 15.1                             | 12:59 | 2.0                   | 4.1                              |
| 13:00            | 17.8                  | 20.7                             | 13:00    | 13.0                  | 15.0                             | 13:00 | 2.0                   | 3.6                              |
| 13:01            | 17.3                  | 19.9                             | 13:01    | 13.0                  | 14.9                             | 13:01 | 2.0                   | 2.8                              |
| 13:02            | 17.8                  | 19.6                             | 13:02    | 13.0                  | 14.9                             | 13:02 | 2.0                   | 2.5                              |
| 13:03            | 17.0                  | 19.2                             | 13:03    | 12.8                  | 14.8                             | 13:03 | 2.0                   | 2.6                              |
| 13:04            | 17.0                  | 18.9                             | 13:04    | 13.0                  | 14.7                             | 13:04 | 2.0                   | 2.6                              |
| 13:05            | 17.0                  | 18.6                             | 13:05    | 13.0                  | 14.6                             | 13:05 | 2.0                   | 2.6                              |
| 13:06            | 17.0                  | 18.3                             | 13:06    | 13.0                  | 14.3                             | 13:06 | 2.0                   | 2.6                              |
| 13:07            | 17.5                  | 18.1                             | 13:07    | 13.0                  | 13.9                             | 13:07 | 2.0                   | 2.6                              |
| 13:08            | 19.0                  | 18.0                             | 13:08    | 13.0                  | 13.4                             | 13:08 | 2.0                   | 2.5                              |
| 13:09            | 18.5                  | 18.0                             | 13:09    | 13.0                  | 13.4                             | 13:09 | 2.0                   | 2.1                              |
| 13:10            | 16.3                  | 17.8                             | 13:10    | 11.8                  | 13.3                             | 13:10 | 2.0                   | 2.0                              |
| 13:11            | 18.3                  | 17.7                             | 13:11    | 11.6                  | 12.9                             | 13:11 | 2.0                   | 2.0                              |
| 13:12            | 18.0                  | 17.7                             | 13:12    | 11.8                  | 12.7                             | 13:12 | 2.0                   | 2.0                              |
| 13:13            | 20.0                  | 17.7                             | 13:13    | 12.0                  | 12.7                             | 13:13 | 2.0                   | 2.0                              |
| 13:14            | 21.6                  | 18.0                             | 13:14    | 12.0                  | 12.6                             | 13:14 | 2.0                   | 2.0                              |
| 13:15            | 18.4                  | 18.0                             | 13:15    | 12.0                  | 12.5                             | 13:15 | 2.0                   | 2.0                              |
| 13:16            | 16.4                  | 18.0                             | 13:16    | 12.0                  | 12.5                             | 13:16 | 2.0                   | -                                |

| PARTICULATE DATA |                       |                                  |          |                       |                                  |       |                       |                                  |
|------------------|-----------------------|----------------------------------|----------|-----------------------|----------------------------------|-------|-----------------------|----------------------------------|
| Upwind           |                       |                                  | Downwind |                       |                                  |       |                       |                                  |
| Time             | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) | Time     | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) | Time  | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) |
| 13:17            | 18.0                  | 18.0                             | 13:17    | 12.8                  | 12.5                             | 13:17 | 2.0                   | 2.0                              |
| 13:18            | 18.6                  | 18.1                             | 13:18    | 12.4                  | 12.4                             | 13:18 | 2.0                   | 2.0                              |
| 13:19            | 17.2                  | 18.1                             | 13:19    | 12.8                  | 12.4                             | 13:19 | 2.0                   | 2.0                              |
| 13:20            | 17.0                  | 18.1                             | 13:20    | 13.0                  | 12.4                             | 13:20 | 2.0                   | 2.0                              |
| 13:21            | 20.2                  | 18.3                             | 13:21    | 12.6                  | 12.4                             | 13:21 | 2.0                   | 2.0                              |
| 13:22            | 19.8                  | 18.5                             | 13:22    | 12.8                  | 12.4                             | 13:22 | 2.0                   | 2.0                              |
| 13:23            | 18.6                  | 18.5                             | 13:23    | 12.8                  | 12.4                             | 13:23 | 2.0                   | 2.0                              |
| 13:24            | 16.6                  | 18.3                             | 13:24    | 11.2                  | 12.2                             | 13:24 | 2.0                   | 2.0                              |
| 13:25            | 16.0                  | 18.3                             | 13:25    | 11.0                  | 12.2                             | 13:25 | 2.0                   | 2.0                              |
| 13:26            | 16.0                  | 18.2                             | 13:26    | 11.0                  | 12.1                             | 13:26 | 2.0                   | 2.0                              |
| 13:27            | 15.8                  | 18.0                             | 13:27    | 11.0                  | 12.1                             | 13:27 | 2.0                   | 2.0                              |
| 13:28            | 16.0                  | 17.7                             | 13:28    | 11.0                  | 12.0                             | 13:28 | 2.0                   | 2.0                              |
| 13:29            | 18.8                  | 17.6                             | 13:29    | 12.4                  | 12.1                             | 13:29 | 2.0                   | 2.0                              |
| 13:30            | 18.6                  | 17.6                             | 13:30    | 14.0                  | 12.2                             | 13:30 | 2.0                   | 2.0                              |
| 13:31            | 18.0                  | 17.7                             | 13:31    | 13.4                  | 12.3                             | 13:31 | 2.0                   | 2.0                              |
| 13:32            | 17.4                  | 17.6                             | 13:32    | 12.6                  | 12.3                             | 13:32 | 2.0                   | 2.0                              |
| 13:33            | 17.6                  | 17.6                             | 13:33    | 12.0                  | 12.2                             | 13:33 | 2.0                   | 2.0                              |
| 13:34            | 19.6                  | 17.7                             | 13:34    | 12.8                  | 12.2                             | 13:34 | 2.0                   | 2.0                              |
| 13:35            | 19.8                  | 17.9                             | 13:35    | 12.4                  | 12.2                             | 13:35 | 2.0                   | 2.0                              |
| 13:36            | 17.2                  | 17.7                             | 13:36    | 12.0                  | 12.2                             | 13:36 | 2.0                   | 2.0                              |
| 13:37            | 16.6                  | 17.5                             | 13:37    | 11.6                  | 12.1                             | 13:37 | 2.0                   | 2.0                              |
| 13:38            | 16.4                  | 17.4                             | 13:38    | 11.8                  | 12.0                             | 13:38 | 2.0                   | 2.0                              |
| 13:39            | 25.6                  | 18.0                             | 13:39    | 11.8                  | 12.1                             | 13:39 | 2.0                   | 2.0                              |
| 13:40            | 23.8                  | 18.5                             | 13:40    | 11.6                  | 12.1                             | 13:40 | 2.0                   | 2.0                              |
| 13:41            | 25.4                  | 19.1                             | 13:41    | 11.6                  | 12.1                             | 13:41 | 2.0                   | 2.0                              |
| 13:42            | 18.4                  | 19.3                             | 13:42    | 12.6                  | 12.2                             | 13:42 | 2.0                   | 2.0                              |
| 13:43            | 18.0                  | 19.4                             | 13:43    | 13.4                  | 12.4                             | 13:43 | 2.0                   | 2.0                              |
| 13:44            | 17.8                  | 19.3                             | 13:44    | 13.0                  | 12.4                             | 13:44 | 2.0                   | 2.0                              |
| 13:45            | 18.0                  | 19.3                             | 13:45    | 18.0                  | 12.7                             | 13:45 | 2.0                   | 2.0                              |
| 13:46            | 17.4                  | 19.3                             | 13:46    | 23.8                  | 13.4                             | 13:46 | 2.0                   | 2.0                              |
| 13:47            | 18.8                  | 19.4                             | 13:47    | 26.3                  | 14.3                             | 13:47 | 2.0                   | 2.0                              |
| 13:48            | 20.0                  | 19.5                             | 13:48    | 22.0                  | 15.0                             | 13:48 | 2.0                   | 2.0                              |
| 13:49            | 22.8                  | 19.7                             | 13:49    | 14.0                  | 15.1                             | 13:49 | 2.0                   | 2.0                              |
| 13:50            | 21.2                  | 19.8                             | 13:50    | 14.5                  | 15.2                             | 13:50 | 2.0                   | 2.0                              |
| 13:51            | 22.8                  | 20.2                             | 13:51    | 22.3                  | 15.9                             | 13:51 | 2.0                   | 2.0                              |
| 13:52            | 24.0                  | 20.7                             | 13:52    | 19.5                  | 16.4                             | 13:52 | 2.0                   | 2.0                              |
| 13:53            | 21.4                  | 21.0                             | 13:53    | 17.0                  | 16.8                             | 13:53 | 2.0                   | 2.0                              |
| 13:54            | 19.4                  | 20.6                             | 13:54    | 16.5                  | 17.1                             | 13:54 | 2.0                   | 2.0                              |
| 13:55            | 20.4                  | 20.4                             | 13:55    | 21.0                  | 17.7                             | 13:55 | 2.0                   | 2.0                              |
| 13:56            | 18.0                  | 19.9                             | 13:56    | 17.8                  | 18.1                             | 13:56 | 2.0                   | 2.0                              |
| 13:57            | 17.0                  | 19.8                             | 13:57    | 13.3                  | 18.1                             | 13:57 | 2.0                   | 2.0                              |
| 13:58            | 17.8                  | 19.8                             | 13:58    | 14.0                  | 18.2                             | 13:58 | 2.0                   | 2.0                              |
| 13:59            | 19.0                  | 19.9                             | 13:59    | 14.3                  | 18.3                             | 13:59 | 2.0                   | 2.0                              |
| 14:00            | 19.2                  | 19.9                             | 14:00    | 15.3                  | 18.1                             | 14:00 | 2.0                   | 2.0                              |
| 14:01            | 19.2                  | 20.1                             | 14:01    | 13.5                  | 17.4                             | 14:01 | 2.0                   | 2.0                              |
| 14:02            | 18.0                  | 20.0                             | 14:02    | 13.0                  | 16.5                             | 14:02 | 2.0                   | 2.0                              |
| 14:03            | 18.3                  | 19.9                             | 14:03    | 12.3                  | 15.9                             | 14:03 | 2.0                   | 2.0                              |
| 14:04            | 17.5                  | 19.5                             | 14:04    | 13.0                  | 15.8                             | 14:04 | 2.0                   | 2.0                              |
| 14:05            | 16.3                  | 19.2                             | 14:05    | 11.8                  | 15.6                             | 14:05 | 2.0                   | 2.0                              |
| 14:06            | 16.0                  | 18.8                             | 14:06    | 11.8                  | 14.9                             | 14:06 | 2.0                   | 2.0                              |
| 14:07            | 16.8                  | 18.3                             | 14:07    | 11.8                  | 14.4                             | 14:07 | 2.0                   | 2.0                              |
| 14:08            | 18.0                  | 18.1                             | 14:08    | 11.5                  | 14.0                             | 14:08 | 2.0                   | 2.0                              |
| 14:09            | 17.5                  | 17.9                             | 14:09    | 12.0                  | 13.7                             | 14:09 | 2.0                   | 2.0                              |
| 14:10            | 17.3                  | 17.7                             | 14:10    | 11.8                  | 13.1                             | 14:10 | 2.0                   | 2.0                              |
| 14:11            | 19.3                  | 17.8                             | 14:11    | 11.3                  | 12.7                             | 14:11 | 2.0                   | 2.0                              |
| 14:12            | 21.5                  | 18.1                             | 14:12    | 12.5                  | 12.6                             | 14:12 | 2.0                   | 2.0                              |
| 14:13            | 19.3                  | 18.2                             | 14:13    | 12.8                  | 12.6                             | 14:13 | 2.0                   | 2.0                              |
| 14:14            | 19.8                  | 18.2                             | 14:14    | 12.5                  | 12.4                             | 14:14 | 2.0                   | 2.0                              |
| 14:15            | 26.8                  | 18.7                             | 14:15    | 12.0                  | 12.2                             | 14:15 | 2.0                   | 2.0                              |
| 14:16            | 32.0                  | 19.6                             | 14:16    | 13.0                  | 12.2                             | 14:16 | 2.0                   | 2.0                              |
| 14:17            | 23.3                  | 20.0                             | 14:17    | 12.3                  | 12.1                             | 14:17 | 2.0                   | 2.0                              |
| 14:18            | 27.8                  | 20.6                             | 14:18    | 12.3                  | 12.1                             | 14:18 | 2.0                   | 2.0                              |
| 14:19            | 20.8                  | 20.8                             | 14:19    | 14.5                  | 12.2                             | 14:19 | 2.0                   | 2.0                              |
| 14:20            | 19.8                  | 21.0                             | 14:20    | 12.5                  | 12.3                             | 14:20 | 2.0                   | 2.0                              |
| 14:21            | 22.0                  | 21.4                             | 14:21    | 12.0                  | 12.3                             | 14:21 | 2.0                   | 2.0                              |
| 14:22            | 21.5                  | 21.8                             | 14:22    | 12.0                  | 12.3                             | 14:22 | 2.0                   | 2.0                              |
| 14:23            | 19.0                  | 21.8                             | 14:23    | 11.5                  | 12.3                             | 14:23 | 2.0                   | 2.0                              |
| 14:24            | 18.3                  | 21.9                             | 14:24    | 10.8                  | 12.2                             | 14:24 | 2.0                   | 2.0                              |
| 14:25            | 18.5                  | 22.0                             | 14:25    | 11.0                  | 12.2                             | 14:25 | 2.0                   | 2.0                              |
| 14:26            | 19.8                  | 22.0                             | 14:26    | 11.0                  | 12.2                             | 14:26 | 2.0                   | 2.0                              |
| 14:27            | 18.3                  | 21.8                             | 14:27    | 11.0                  | 12.1                             | 14:27 | 2.0                   | 2.0                              |
| 14:28            | 22.0                  | 22.0                             | 14:28    | 11.5                  | 12.0                             | 14:28 | 2.0                   | 2.0                              |
| 14:29            | 19.3                  | 21.9                             | 14:29    | 12.0                  | 12.0                             | 14:29 | 2.0                   | 2.0                              |
| 14:30            | 17.0                  | 21.3                             | 14:30    | 13.0                  | 12.0                             | 14:30 | 2.0                   | 2.0                              |
| 14:31            | 17.3                  | 20.3                             | 14:31    | 11.3                  | 11.9                             | 14:31 | 2.0                   | 2.0                              |
| 14:32            | 17.3                  | 19.9                             | 14:32    | 11.0                  | 11.8                             | 14:32 | 2.0                   | 2.0                              |

| PARTICULATE DATA |                       |                                  |          |                       |                                  |       |                       |                                  |
|------------------|-----------------------|----------------------------------|----------|-----------------------|----------------------------------|-------|-----------------------|----------------------------------|
| Upwind           |                       |                                  | Downwind |                       |                                  |       |                       |                                  |
| Time             | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) | Time     | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) | Time  | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) |
| 14:33            | 17.0                  | 19.2                             | 14:33    | 11.0                  | 11.7                             | 14:33 | 2.0                   | 2.0                              |
| 14:34            | 16.8                  | 18.9                             | 14:34    | 11.8                  | 11.6                             | 14:34 | 2.0                   | 2.0                              |
| 14:35            | 16.5                  | 18.7                             | 14:35    | 15.0                  | 11.7                             | 14:35 | 2.0                   | 2.0                              |
| 14:36            | 18.3                  | 18.4                             | 14:36    | 12.8                  | 11.8                             | 14:36 | 2.0                   | 2.0                              |
| 14:37            | 19.5                  | 18.3                             | 14:37    | 13.5                  | 11.9                             | 14:37 | 2.0                   | 2.0                              |
| 14:38            | 17.0                  | 18.2                             | 14:38    | 13.5                  | 12.0                             | 14:38 | 2.0                   | 2.0                              |
| 14:39            | 16.0                  | 18.0                             | 14:39    | 12.8                  | 12.1                             | 14:39 | 2.0                   | 2.0                              |
| 14:40            | 16.5                  | 17.9                             | 14:40    | 12.8                  | 12.3                             | 14:40 | 2.0                   | 2.0                              |
| 14:41            | 17.5                  | 17.7                             | 14:41    | 12.0                  | 12.3                             | 14:41 | 2.0                   | 2.0                              |
| 14:42            | 19.8                  | 17.8                             | 14:42    | 13.0                  | 12.5                             | 14:42 | 2.0                   | 2.0                              |
| 14:43            | 17.5                  | 17.5                             | 14:43    | 13.8                  | 12.6                             | 14:43 | 2.0                   | 2.0                              |
| 14:44            | 17.3                  | 17.4                             | 14:44    | 13.8                  | 12.7                             | 14:44 | 2.0                   | 2.0                              |
| 14:45            | 17.8                  | 17.5                             | 14:45    | 18.8                  | 13.1                             | 14:45 | 2.0                   | 2.0                              |
| 14:46            | 19.3                  | 17.6                             | 14:46    | 21.0                  | 13.8                             | 14:46 | 2.0                   | 2.0                              |
| 14:47            | 19.8                  | 17.8                             | 14:47    | 17.0                  | 14.2                             | 14:47 | 2.0                   | 2.0                              |
| 14:48            | 17.5                  | 17.8                             | 14:48    | 16.8                  | 14.5                             | 14:48 | 2.0                   | 2.0                              |
| 14:49            | 18.8                  | 17.9                             | 14:49    | 18.0                  | 15.0                             | 14:49 | 2.0                   | 2.0                              |
| 14:50            | 17.5                  | 18.0                             | 14:50    | 14.8                  | 14.9                             | 14:50 | 2.0                   | 2.0                              |
| 14:51            | 21.3                  | 18.2                             | 14:51    | 17.8                  | 15.3                             | 14:51 | 2.0                   | 2.0                              |
| 14:52            | 21.0                  | 18.3                             | 14:52    | 20.3                  | 15.7                             | 14:52 | 2.0                   | 2.0                              |
| 14:53            | 20.0                  | 18.5                             | 14:53    | 15.8                  | 15.9                             | 14:53 | 2.0                   | 2.0                              |
| 14:54            | 24.8                  | 19.1                             | 14:54    | 16.0                  | 16.1                             | 14:54 | 2.0                   | 2.0                              |
| 14:55            | 20.5                  | 19.3                             | 14:55    | 16.5                  | 16.3                             | 14:55 | 2.0                   | 2.0                              |
| 14:56            | 20.5                  | 19.5                             | 14:56    | 19.5                  | 16.8                             | 14:56 | 2.0                   | 2.0                              |
| 14:57            | 17.8                  | 19.4                             | 14:57    | 18.3                  | 17.2                             | 14:57 | 2.0                   | 2.0                              |
| 14:58            | 18.0                  | 19.4                             | 14:58    | 13.8                  | 17.2                             | 14:58 | 2.0                   | 2.0                              |
| 14:59            | 18.3                  | 19.5                             | 14:59    | 13.3                  | 17.2                             | 14:59 | 2.0                   | 2.0                              |
| 15:00            | 18.5                  | 19.6                             | 15:00    | 15.3                  | 16.9                             | 15:00 | 2.0                   | 2.0                              |
| 15:01            | 18.0                  | 19.5                             | 15:01    | 16.5                  | 16.6                             | 15:01 | 2.0                   | 2.0                              |
| 15:02            | 18.0                  | 19.4                             | 15:02    | 17.5                  | 16.7                             | 15:02 | 2.0                   | 2.0                              |
| 15:03            | 16.3                  | 19.3                             | 15:03    | 14.0                  | 16.5                             | 15:03 | 2.0                   | 2.0                              |
| 15:04            | 16.0                  | 19.1                             | 15:04    | 11.8                  | 16.1                             | 15:04 | 2.0                   | 2.0                              |
| 15:05            | 18.8                  | 19.2                             | 15:05    | 11.0                  | 15.8                             | 15:05 | 2.0                   | 2.0                              |
| 15:06            | 19.8                  | 19.1                             | 15:06    | 11.3                  | 15.4                             | 15:06 | 2.0                   | 2.0                              |
| 15:07            | 17.3                  | 18.8                             | 15:07    | 11.3                  | 14.8                             | 15:07 | 2.0                   | 2.0                              |
| 15:08            | 28.3                  | 19.4                             | 15:08    | 12.0                  | 14.5                             | 15:08 | 2.0                   | 2.0                              |
| 15:09            | 26.0                  | 19.5                             | 15:09    | 16.3                  | 14.5                             | 15:09 | 2.0                   | 2.0                              |
| 15:10            | 23.0                  | 19.6                             | 15:10    | 16.8                  | 14.6                             | 15:10 | 2.0                   | 2.0                              |
| 15:11            | 22.8                  | 19.8                             | 15:11    | 24.3                  | 14.9                             | 15:11 | 2.0                   | 2.0                              |
| 15:12            | 17.5                  | 19.8                             | 15:12    | 12.8                  | 14.5                             | 15:12 | 2.0                   | 2.0                              |
| 15:13            | 16.8                  | 19.7                             | 15:13    | 12.0                  | 14.4                             | 15:13 | 2.0                   | 2.0                              |
| 15:14            | 18.5                  | 19.7                             | 15:14    | 12.0                  | 14.3                             | 15:14 | 2.0                   | 2.0                              |
| 15:15            | 17.8                  | 19.6                             | 15:15    | 12.3                  | 14.1                             | 15:15 | 2.0                   | 2.0                              |
| 15:16            | 16.0                  | 19.5                             | 15:16    | 12.3                  | 13.8                             | 15:16 | 2.0                   | 2.0                              |
| 15:17            | 16.5                  | 19.4                             | 15:17    | 16.5                  | 13.8                             | 15:17 | 2.0                   | 2.0                              |
| 15:18            | 23.8                  | 19.9                             | 15:18    | 13.0                  | 13.7                             | 15:18 | 2.0                   | 2.0                              |
| 15:19            | 22.3                  | 20.3                             | 15:19    | 12.3                  | 13.7                             | 15:19 | 2.0                   | 2.0                              |
| 15:20            | 17.3                  | 20.2                             | 15:20    | 11.8                  | 13.8                             | 15:20 | 2.0                   | 2.0                              |
| 15:21            | 18.0                  | 20.1                             | 15:21    | 11.0                  | 13.8                             | 15:21 | 2.0                   | 2.0                              |
| 15:22            | 17.0                  | 20.1                             | 15:22    | 11.8                  | 13.8                             | 15:22 | 2.0                   | 2.0                              |
| 15:23            | 18.5                  | 19.4                             | 15:23    | 12.0                  | 13.8                             | 15:23 | 2.0                   | 2.0                              |
| 15:24            | 17.3                  | 18.9                             | 15:24    | 12.0                  | 13.5                             | 15:24 | 2.0                   | 2.0                              |
| 15:25            | 17.0                  | 18.5                             | 15:25    | 12.0                  | 13.2                             | 15:25 | 2.0                   | 2.0                              |
| 15:26            | 16.0                  | 18.0                             | 15:26    | 11.8                  | 12.4                             | 15:26 | 2.0                   | 2.0                              |
| 15:27            | 16.3                  | 17.9                             | 15:27    | 12.0                  | 12.3                             | 15:27 | 2.0                   | 2.0                              |
| 15:28            | 17.0                  | 17.9                             | 15:28    | 12.0                  | 12.3                             | 15:28 | 2.0                   | 2.0                              |
| 15:29            | 16.5                  | 17.8                             | 15:29    | 12.0                  | 12.3                             | 15:29 | 2.0                   | 2.0                              |
| 15:30            | 18.0                  | 17.8                             | 15:30    | 12.5                  | 12.3                             | 15:30 | 2.0                   | 2.0                              |
| 15:31            | 18.3                  | 18.0                             | 15:31    | 13.0                  | 12.4                             | 15:31 | 2.0                   | 2.0                              |
| 15:32            | 19.0                  | 18.1                             | 15:32    | 11.5                  | 12.0                             | 15:32 | 2.0                   | 2.0                              |
| 15:33            | 17.8                  | 17.7                             | 15:33    | 12.0                  | 12.0                             | 15:33 | 2.0                   | 2.0                              |
| 15:34            | 18.8                  | 17.5                             | 15:34    | 12.5                  | 12.0                             | 15:34 | 2.0                   | 2.0                              |
| 15:35            | 20.3                  | 17.7                             | 15:35    | 11.8                  | 12.0                             | 15:35 | 2.0                   | 2.0                              |
| 15:36            | 19.0                  | 17.8                             | 15:36    | 14.5                  | 12.2                             | 15:36 | 2.0                   | 2.0                              |
| 15:37            | 18.5                  | 17.9                             | 15:37    | 14.3                  | 12.4                             | 15:37 | 2.0                   | 2.0                              |
| 15:38            | 16.0                  | 17.7                             | 15:38    | 11.0                  | 12.3                             | 15:38 | 2.0                   | 2.0                              |
| 15:39            | 18.8                  | 17.8                             | 15:39    | 13.3                  | 12.4                             | 15:39 | 2.0                   | 2.0                              |
| 15:40            | 22.8                  | 18.2                             | 15:40    | 20.5                  | 13.0                             | 15:40 | 2.0                   | 2.0                              |
| 15:41            | 19.3                  | 18.4                             | 15:41    | 15.5                  | 13.2                             | 15:41 | 2.0                   | 2.0                              |
| 15:42            | 19.5                  | 18.6                             | 15:42    | 14.8                  | 13.4                             | 15:42 | 2.0                   | 2.0                              |
| 15:43            | 19.0                  | 18.8                             | 15:43    | 13.5                  | 13.5                             | 15:43 | 2.0                   | 2.0                              |
| 15:44            | 18.5                  | 18.9                             | 15:44    | 13.0                  | 13.6                             | 15:44 | 2.0                   | 2.0                              |
| 15:45            | 30.3                  | 19.7                             | 15:45    | 12.8                  | 13.6                             | 15:45 | 2.0                   | 2.0                              |
| 15:46            | 19.5                  | 19.8                             | 15:46    | 14.8                  | 13.7                             | 15:46 | 2.0                   | 2.0                              |
| 15:47            | 18.5                  | 19.8                             | 15:47    | 25.3                  | 14.6                             | 15:47 | 2.0                   | 2.0                              |
| 15:48            | 17.3                  | 19.7                             | 15:48    | 18.3                  | 15.0                             | 15:48 | 2.0                   | 2.0                              |

| PARTICULATE DATA |                       |                                  |          |                       |                                  |       |                       |                                  |
|------------------|-----------------------|----------------------------------|----------|-----------------------|----------------------------------|-------|-----------------------|----------------------------------|
| Upwind           |                       |                                  | Downwind |                       |                                  |       |                       |                                  |
| Time             | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) | Time     | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) | Time  | Concentration (ug/m³) | 15-Min Avg Concentration (ug/m³) |
| 15:49            | 18.8                  | 19.7                             | 15:49    | 12.0                  | 15.0                             | 15:49 | 2.0                   | 2.0                              |
| 15:50            | 16.5                  | 19.5                             | 15:50    | 12.8                  | 15.1                             | 15:50 | 2.0                   | 2.0                              |
| 15:51            | 17.0                  | 19.3                             | 15:51    | 12.3                  | 14.9                             | 15:51 | 2.0                   | 2.0                              |
| 15:52            | 16.8                  | 19.2                             | 15:52    | 13.0                  | 14.8                             | 15:52 | 2.0                   | 2.0                              |
| 15:53            | 17.0                  | 19.3                             | 15:53    | 18.5                  | 15.3                             | 15:53 | 2.0                   | 2.0                              |
| 15:54            | 21.0                  | 19.4                             | 15:54    | 16.0                  | 15.5                             | 15:54 | 2.0                   | 2.0                              |
| 15:55            | 20.8                  | 19.3                             | 15:55    | 18.8                  | 15.4                             | 15:55 | 2.0                   | 2.0                              |
| 15:56            | 18.3                  | 19.2                             | 15:56    | 15.8                  | 15.4                             | 15:56 | 2.0                   | 2.0                              |
| 15:57            | 18.3                  | 19.2                             | 15:57    | 15.5                  | 15.5                             | 15:57 | 2.0                   | 2.0                              |
| 15:58            | 19.0                  | 19.2                             | 15:58    | 15.3                  | 15.6                             | 15:58 | 2.0                   | 2.0                              |
| 15:59            | 18.8                  | 19.2                             | 15:59    | 14.8                  | 15.7                             | 15:59 | 2.0                   | 2.0                              |
| 16:00            | 24.0                  | 18.8                             | 16:00    | 14.0                  | 15.8                             | 16:00 | 2.0                   | 2.0                              |
| 16:01            | 24.0                  | 19.1                             | 16:01    | 17.0                  | 15.9                             | 16:01 | 2.0                   | 2.0                              |
| 16:02            | 18.3                  | 19.0                             | 16:02    | 14.0                  | 15.2                             | 16:02 | 2.0                   | 2.0                              |
| 16:03            | 20.5                  | 19.3                             | 16:03    | 14.3                  | 14.9                             | 16:03 | 2.0                   | 2.0                              |
| 16:04            | 26.8                  | 19.8                             | 16:04    | 29.0                  | 16.1                             | 16:04 | 2.0                   | 2.0                              |
| 16:05            | 22.5                  | 20.2                             | 16:05    | 22.5                  | 16.7                             | 16:05 | 2.0                   | 2.0                              |
| 16:06            | 17.8                  | 20.2                             | 16:06    | 14.3                  | 16.8                             | 16:06 | 2.0                   | 2.0                              |
| 16:07            | 19.8                  | 20.4                             | 16:07    | 14.3                  | 16.9                             | 16:07 | 2.0                   | 2.0                              |
| 16:08            | 22.8                  | 20.8                             | 16:08    | 15.8                  | 16.7                             | 16:08 | 2.0                   | 2.0                              |
| 16:09            | 20.3                  | 20.8                             | 16:09    | 17.0                  | 16.8                             | 16:09 | 2.0                   | 2.0                              |
| 16:10            | 17.5                  | 20.6                             | 16:10    | 13.0                  | 16.4                             | 16:10 | 2.0                   | 2.0                              |
| 16:11            | 17.3                  | 20.5                             | 16:11    | 13.8                  | 16.3                             | 16:11 | 2.0                   | 2.0                              |
| 16:12            | 19.3                  | 20.6                             | 16:12    | 13.3                  | 16.1                             | 16:12 | 2.0                   | 2.0                              |
| 16:13            | 17.5                  | 20.5                             | 16:13    | 18.0                  | 16.3                             | 16:13 | 2.0                   | 2.0                              |
| 16:14            | 16.8                  | 20.3                             | 16:14    | 16.5                  | 16.4                             | 16:14 | 2.0                   | 2.0                              |
| 16:15            | 18.0                  | 19.9                             | 16:15    | 14.8                  | 16.5                             | 16:15 | 2.0                   | 2.0                              |
| 16:16            | 21.8                  | 19.8                             | 16:16    | 14.8                  | 16.3                             | 16:16 | 2.0                   | 2.0                              |
| 16:17            | 20.0                  | 19.9                             | 16:17    | 17.0                  | 16.5                             | 16:17 | 2.0                   | 2.0                              |
| 16:18            | 18.0                  | 19.7                             | 16:18    | 18.0                  | 16.8                             | 16:18 | 2.0                   | 2.0                              |
| 16:19            | 18.0                  | 19.1                             | 16:19    | 12.8                  | 15.7                             | 16:19 | 2.0                   | 2.0                              |
| 16:20            | 18.5                  | 18.9                             | 16:20    | 14.5                  | 15.2                             | 16:20 | 2.0                   | 2.0                              |
| 16:21            | 19.0                  | 19.0                             | 16:21    | 12.3                  | 15.0                             | 16:21 | 2.0                   | 2.0                              |
| 16:22            | 16.8                  | 18.8                             | 16:22    | 12.0                  | 14.9                             | 16:22 | 2.0                   | 2.0                              |
| 16:23            | 17.0                  | 18.4                             | 16:23    | 11.0                  | 14.6                             | 16:23 | 2.0                   | 2.0                              |
| 16:24            | 17.8                  | 18.2                             | 16:24    | 12.5                  | 14.3                             | 16:24 | 2.0                   | 2.0                              |
| 16:25            | 19.0                  | 18.3                             | 16:25    | 17.3                  | 14.6                             | 16:25 | 2.0                   | 2.0                              |
| 16:26            | 24.8                  | 18.8                             | 16:26    | 13.8                  | 14.6                             | 16:26 | 2.0                   | 2.0                              |
| 16:27            | 18.3                  | 18.7                             | 16:27    | 16.0                  | 14.7                             | 16:27 | 2.0                   | 2.0                              |
| 16:28            | 15.5                  | 18.6                             | 16:28    | 13.8                  | 14.5                             | 16:28 | 2.0                   | 2.0                              |
| 16:29            | 15.8                  | 18.5                             | 16:29    | 12.0                  | 14.2                             | 16:29 | 2.0                   | 2.0                              |
| 16:30            | 17.3                  | 18.5                             | 16:30    | 12.8                  | 14.0                             | 16:30 | 2.0                   | 2.0                              |
| 16:31            | 19.0                  | 18.3                             | 16:31    | 15.8                  | 14.1                             | 16:31 | 2.0                   | 2.0                              |
| 16:32            | 18.0                  | 18.2                             | 16:32    | 13.8                  | 13.9                             | 16:32 | 2.0                   | 2.0                              |
| 16:33            | 23.8                  | 18.6                             | 16:33    | 17.5                  | 13.8                             | 16:33 | 2.0                   | 2.0                              |
| 16:34            | 17.8                  | 18.5                             | 16:34    | 13.8                  | 13.9                             | 16:34 | 2.0                   | 2.0                              |
| 16:35            | 16.3                  | 18.4                             | 16:35    | 14.0                  | 13.9                             | 16:35 | 2.0                   | 2.0                              |
| 16:36            | 16.0                  | 18.2                             | 16:36    | 12.0                  | 13.9                             | 16:36 | 2.0                   | 2.0                              |
| 16:37            | 16.5                  | 18.2                             | 16:37    | 17.5                  | 14.2                             | 16:37 | 2.0                   | 2.0                              |
| 16:38            | 18.3                  | 18.3                             | 16:38    | 15.3                  | 14.5                             | 16:38 | 2.0                   | 2.0                              |
| 16:39            | 25.0                  | 18.7                             | 16:39    | 14.5                  | 14.6                             | 16:39 | 2.0                   | 2.0                              |
| 16:40            | 30.3                  | 19.5                             | 16:40    | 12.0                  | 14.3                             | 16:40 | 2.0                   | 2.0                              |
| 16:41            | 23.5                  | 19.4                             | 16:41    | 11.8                  | 14.2                             | 16:41 | 2.0                   | 2.0                              |
| 16:42            | 31.5                  | 20.3                             | 16:42    | 11.5                  | 13.9                             | 16:42 | 2.0                   | 2.0                              |
| 16:43            | 19.3                  | 20.5                             | 16:43    | 11.0                  | 13.7                             | 16:43 | 2.0                   | 2.0                              |
| 16:44            | 20.5                  | 20.9                             | 16:44    | 11.0                  | 13.6                             | 16:44 | 2.0                   | 2.0                              |
| 16:45            | 19.3                  | 21.0                             | 16:45    | 11.3                  | 13.5                             | 16:45 | 2.0                   | 2.0                              |
| 16:46            | 22.5                  | 21.2                             | 16:46    | 13.5                  | 13.4                             | 16:46 | 2.0                   | 2.0                              |
| 16:47            | 18.8                  | 21.3                             | 16:47    | 12.5                  | 13.3                             | 16:47 | 2.0                   | 2.0                              |
| 16:48            | 22.5                  | 21.2                             | 16:48    | 14.5                  | 13.1                             | 16:48 | 2.0                   | 2.0                              |
| 16:49            | 23.8                  | 21.6                             | 16:49    | 15.5                  | 13.2                             | 16:49 | 2.0                   | 2.0                              |
| 16:50            | 19.5                  | 21.8                             | 16:50    | 14.3                  | 13.2                             | 16:50 | 2.0                   | 2.0                              |
| 16:51            | 16.3                  | 21.8                             | 16:51    | 11.3                  | 13.2                             | 16:51 | 2.0                   | 2.0                              |
| 16:52            | 16.5                  | 21.8                             | 16:52    | 12.0                  | 12.8                             | 16:52 | 2.0                   | 2.0                              |
| 16:53            | 16.5                  | 21.7                             | 16:53    | 11.8                  | 12.6                             | 16:53 | 2.0                   | -                                |

| Friday, December 9, 2022  |                     |                                |          |                     |                                |      |                     |                                |                                 |
|---|---------------------|--------------------------------|----------|---------------------|--------------------------------|------|---------------------|--------------------------------|---------------------------------|
| Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 = 0 |                     |                                |          |                     |                                |      |                     |                                |                                 |
| Number of Comparable Data Points = 576                              |                     |                                |          |                     |                                |      |                     |                                |                                 |
| Start Time: 7:03  |                     |                                |          |                     |                                |      |                     |                                |                                 |
| End Time: 16:53   |                     |                                |          |                     |                                |      |                     |                                |                                 |
| PID DATA  |                     |                                |          |                     |                                |      |                     |                                |                                 |
| Upwind  |                     |                                | Downwind |                     |                                |      |                     |                                | Exceeds Particulate Alarm Limit |
| Time  | Concentration (ppm) | 15-Min Avg Concentration (ppm) | Time     | Concentration (ppm) | 15-Min Avg Concentration (ppm) | Time | Concentration (ppm) | 15-Min Avg Concentration (ppm) |                                 |
| 7:03  | 0.0                 | -                              | 7:03     | 0.0                 | -                              | 7:03 | 0.0                 | -                              | -                               |
| 7:04  | 0.0                 | -                              | 7:04     | 0.0                 | -                              | 7:04 | 0.0                 | -                              | -                               |
| 7:05  | 0.0                 | -                              | 7:05     | 0.0                 | -                              | 7:05 | 0.0                 | -                              | -                               |
| 7:06  | 0.0                 | -                              | 7:06     | 0.0                 | -                              | 7:06 | 0.0                 | -                              | -                               |
| 7:07  | 0.0                 | -                              | 7:07     | 0.0                 | -                              | 7:07 | 0.0                 | -                              | -                               |
| 7:08  | 0.0                 | -                              | 7:08     | 0.0                 | -                              | 7:08 | 0.0                 | -                              | -                               |
| 7:09  | 0.0                 | -                              | 7:09     | 0.0                 | -                              | 7:09 | 0.0                 | -                              | -                               |
| 7:10  | 0.0                 | -                              | 7:10     | 0.0                 | -                              | 7:10 | 0.0                 | -                              | -                               |
| 7:11  | 0.0                 | -                              | 7:11     | 0.0                 | -                              | 7:11 | 0.0                 | -                              | -                               |
| 7:12  | 0.0                 | -                              | 7:12     | 0.0                 | -                              | 7:12 | 0.0                 | -                              | -                               |
| 7:13  | 0.0                 | -                              | 7:13     | 0.0                 | -                              | 7:13 | 0.0                 | -                              | -                               |
| 7:14  | 0.0                 | -                              | 7:14     | 0.0                 | -                              | 7:14 | 0.0                 | -                              | -                               |
| 7:15  | 0.0                 | -                              | 7:15     | 0.0                 | -                              | 7:15 | 0.0                 | -                              | -                               |
| 7:16  | 0.0                 | -                              | 7:16     | 0.0                 | -                              | 7:16 | 0.0                 | -                              | -                               |
| 7:17  | 0.0                 | -                              | 7:17     | 0.0                 | -                              | 7:17 | 0.0                 | -                              | -                               |
| 7:18  | 0.0                 | 0.0                            | 7:18     | 0.0                 | 0.0                            | 7:18 | 0.0                 | 0.0                            | -                               |
| 7:19  | 0.0                 | 0.0                            | 7:19     | 0.0                 | 0.0                            | 7:19 | 0.0                 | 0.0                            | -                               |
| 7:20  | 0.0                 | 0.0                            | 7:20     | 0.0                 | 0.0                            | 7:20 | 0.0                 | 0.0                            | -                               |
| 7:21  | 0.0                 | 0.0                            | 7:21     | 0.0                 | 0.0                            | 7:21 | 0.0                 | 0.0                            | -                               |
| 7:22  | 0.0                 | 0.0                            | 7:22     | 0.0                 | 0.0                            | 7:22 | 0.0                 | 0.0                            | -                               |
| 7:23  | 0.0                 | 0.0                            | 7:23     | 0.0                 | 0.0                            | 7:23 | 0.0                 | 0.0                            | -                               |
| 7:24  | 0.0                 | 0.0                            | 7:24     | 0.0                 | 0.0                            | 7:24 | 0.0                 | 0.0                            | -                               |
| 7:25  | 0.0                 | 0.0                            | 7:25     | 0.0                 | 0.0                            | 7:25 | 0.0                 | 0.0                            | -                               |
| 7:26  | 0.0                 | 0.0                            | 7:26     | 0.0                 | 0.0                            | 7:26 | 0.0                 | 0.0                            | -                               |
| 7:27  | 0.0                 | 0.0                            | 7:27     | 0.0                 | 0.0                            | 7:27 | 0.0                 | 0.0                            | -                               |
| 7:28  | 0.0                 | 0.0                            | 7:28     | 0.0                 | 0.0                            | 7:28 | 0.0                 | 0.0                            | -                               |
| 7:29  | 0.0                 | 0.0                            | 7:29     | 0.0                 | 0.0                            | 7:29 | 0.0                 | 0.0                            | -                               |
| 7:30  | 0.0                 | 0.0                            | 7:30     | 0.0                 | 0.0                            | 7:30 | 0.0                 | 0.0                            | -                               |
| 7:31  | 0.0                 | 0.0                            | 7:31     | 0.0                 | 0.0                            | 7:31 | 0.0                 | 0.0                            | -                               |
| 7:32  | 0.0                 | 0.0                            | 7:32     | 0.0                 | 0.0                            | 7:32 | 0.0                 | 0.0                            | -                               |
| 7:33  | 0.0                 | 0.0                            | 7:33     | 0.0                 | 0.0                            | 7:33 | 0.0                 | 0.0                            | -                               |
| 7:34  | 0.0                 | 0.0                            | 7:34     | 0.0                 | 0.0                            | 7:34 | 0.0                 | 0.0                            | -                               |
| 7:35  | 0.0                 | 0.0                            | 7:35     | 0.0                 | 0.0                            | 7:35 | 0.0                 | 0.0                            | -                               |
| 7:36  | 0.0                 | 0.0                            | 7:36     | 0.0                 | 0.0                            | 7:36 | 0.0                 | 0.0                            | -                               |
| 7:37  | 0.0                 | 0.0                            | 7:37     | 0.0                 | 0.0                            | 7:37 | 0.0                 | 0.0                            | -                               |
| 7:38  | 0.0                 | 0.0                            | 7:38     | 0.0                 | 0.0                            | 7:38 | 0.0                 | 0.0                            | -                               |
| 7:39  | 0.0                 | 0.0                            | 7:39     | 0.0                 | 0.0                            | 7:39 | 0.0                 | 0.0                            | -                               |
| 7:40  | 0.0                 | 0.0                            | 7:40     | 0.0                 | 0.0                            | 7:40 | 0.0                 | 0.0                            | -                               |
| 7:41  | 0.0                 | 0.0                            | 7:41     | 0.0                 | 0.0                            | 7:41 | 0.0                 | 0.0                            | -                               |
| 7:42  | 0.0                 | 0.0                            | 7:42     | 0.0                 | 0.0                            | 7:42 | 0.0                 | 0.0                            | -                               |
| 7:43  | 0.0                 | 0.0                            | 7:43     | 0.0                 | 0.0                            | 7:43 | 0.0                 | 0.0                            | -                               |
| 7:44  | 0.0                 | 0.0                            | 7:44     | 0.0                 | 0.0                            | 7:44 | 0.0                 | 0.0                            | -                               |
| 7:45  | 0.0                 | 0.0                            | 7:45     | 0.0                 | 0.0                            | 7:45 | 0.0                 | 0.0                            | -                               |
| 7:46  | 0.0                 | 0.0                            | 7:46     | 0.0                 | 0.0                            | 7:46 | 0.0                 | 0.0                            | -                               |
| 7:47  | 0.0                 | 0.0                            | 7:47     | 0.0                 | 0.0                            | 7:47 | 0.0                 | 0.0                            | -                               |
| 7:48  | 0.0                 | 0.0                            | 7:48     | 0.0                 | 0.0                            | 7:48 | 0.0                 | 0.0                            | -                               |
| 7:49  | 0.0                 | 0.0                            | 7:49     | 0.0                 | 0.0                            | 7:49 | 0.0                 | 0.0                            | -                               |
| 7:50  | 0.0                 | 0.0                            | 7:50     | 0.0                 | 0.0                            | 7:50 | 0.0                 | 0.0                            | -                               |
| 7:51  | 0.0                 | 0.0                            | 7:51     | 0.0                 | 0.0                            | 7:51 | 0.0                 | 0.0                            | -                               |
| 7:52  | 0.0                 | 0.0                            | 7:52     | 0.0                 | 0.0                            | 7:52 | 0.0                 | 0.0                            | -                               |
| 7:53  | 0.0                 | 0.0                            | 7:53     | 0.0                 | 0.0                            | 7:53 | 0.0                 | 0.0                            | -                               |
| 7:54  | 0.0                 | 0.0                            | 7:54     | 0.0                 | 0.0                            | 7:54 | 0.0                 | 0.0                            | -                               |
| 7:55  | 0.0                 | 0.0                            | 7:55     | 0.0                 | 0.0                            | 7:55 | 0.0                 | 0.0                            | -                               |
| 7:56  | 0.0                 | 0.0                            | 7:56     | 0.0                 | 0.0                            | 7:56 | 0.0                 | 0.0                            | -                               |
| 7:57  | 0.0                 | 0.0                            | 7:57     | 0.0                 | 0.0                            | 7:57 | 0.0                 | 0.0                            | -                               |
| 7:58  | 0.0                 | 0.0                            | 7:58     | 0.0                 | 0.0                            | 7:58 | 0.0                 | 0.0                            | -                               |
| 7:59  | 0.0                 | 0.0                            | 7:59     | 0.0                 | 0.0                            | 7:59 | 0.0                 | 0.0                            | -                               |
| 8:00  | 0.0                 | 0.0                            | 8:00     | 0.0                 | 0.0                            | 8:00 | 0.0                 | 0.0                            | -                               |
| 8:01  | 0.0                 | 0.0                            | 8:01     | 0.0                 | 0.0                            | 8:01 | 0.0                 | 0.0                            | -                               |
| 8:02  | 0.0                 | 0.0                            | 8:02     | 0.0                 | 0.0                            | 8:02 | 0.0                 | 0.0                            | -                               |
| 8:03  | 0.0                 | 0.0                            | 8:03     | 0.0                 | 0.0                            | 8:03 | 0.0                 | 0.0                            | -                               |
| 8:04  | 0.0                 | 0.0                            | 8:04     | 0.0                 | 0.0                            | 8:04 | 0.0                 | 0.0                            | -                               |
| 8:05  | 0.0                 | 0.0                            | 8:05     | 0.0                 | 0.0                            | 8:05 | 0.0                 | 0.0                            | -                               |
| 8:06  | 0.0                 | 0.0                            | 8:06     | 0.0                 | 0.0                            | 8:06 | 0.0                 | 0.0                            | -                               |
| 8:07  | 0.0                 | 0.0                            | 8:07     | 0.0                 | 0.0                            | 8:07 | 0.0                 | 0.0                            | -                               |
| 8:08  | 0.0                 | 0.0                            | 8:08     | 0.0                 | 0.0                            | 8:08 | 0.0                 | 0.0                            | -                               |
| 8:09  | 0.0                 | 0.0                            | 8:09     | 0.0                 | 0.0                            | 8:09 | 0.0                 | 0.0                            | -                               |
| 8:10  | 0.0                 | 0.0                            | 8:10     | 0.0                 | 0.0                            | 8:10 | 0.0                 | 0.0                            | -                               |
| 8:11  | 0.0                 | 0.0                            | 8:11     | 0.0                 | 0.0                            | 8:11 | 0.0                 | 0.0                            | -                               |
| 8:12  | 0.0                 | 0.0                            | 8:12     | 0.0                 | 0.0                            | 8:12 | 0.0                 | 0.0                            | -                               |
| 8:13  | 0.0                 | 0.0                            | 8:13     | 0.0                 | 0.0                            | 8:13 | 0.0                 | 0.0                            | -                               |

| PID DATA |                     |                                |          |                     |                                |      |                     |                                | Exceeds Particulate Alarm Limit |  |
|----------|---------------------|--------------------------------|----------|---------------------|--------------------------------|------|---------------------|--------------------------------|---------------------------------|--|
| Upwind   |                     |                                | Downwind |                     |                                |      |                     |                                |                                 |  |
| Time     | Concentration (ppm) | 15-Min Avg Concentration (ppm) | Time     | Concentration (ppm) | 15-Min Avg Concentration (ppm) | Time | Concentration (ppm) | 15-Min Avg Concentration (ppm) |                                 |  |
| 8:14     | 0.0                 | 0.0                            | 8:14     | 0.0                 | 0.0                            | 8:14 | 0.0                 | 0.0                            | -                               |  |
| 8:15     | 0.0                 | 0.0                            | 8:15     | 0.0                 | 0.0                            | 8:15 | 0.0                 | 0.0                            | -                               |  |
| 8:16     | 0.0                 | 0.0                            | 8:16     | 0.0                 | 0.0                            | 8:16 | 0.0                 | 0.0                            | -                               |  |
| 8:17     | 0.0                 | 0.0                            | 8:17     | 0.0                 | 0.0                            | 8:17 | 0.0                 | 0.0                            | -                               |  |
| 8:18     | 0.0                 | 0.0                            | 8:18     | 0.0                 | 0.0                            | 8:18 | 0.0                 | 0.0                            | -                               |  |
| 8:19     | 0.0                 | 0.0                            | 8:19     | 0.0                 | 0.0                            | 8:19 | 0.0                 | 0.0                            | -                               |  |
| 8:20     | 0.0                 | 0.0                            | 8:20     | 0.0                 | 0.0                            | 8:20 | 0.0                 | 0.0                            | -                               |  |
| 8:21     | 0.0                 | 0.0                            | 8:21     | 0.0                 | 0.0                            | 8:21 | 0.0                 | 0.0                            | -                               |  |
| 8:22     | 0.0                 | 0.0                            | 8:22     | 0.0                 | 0.0                            | 8:22 | 0.0                 | 0.0                            | -                               |  |
| 8:23     | 0.3                 | 0.0                            | 8:23     | 0.0                 | 0.0                            | 8:23 | 0.0                 | 0.0                            | -                               |  |
| 8:24     | 0.4                 | 0.0                            | 8:24     | 0.0                 | 0.0                            | 8:24 | 0.0                 | 0.0                            | -                               |  |
| 8:25     | 0.1                 | 0.1                            | 8:25     | 0.0                 | 0.0                            | 8:25 | 0.0                 | 0.0                            | -                               |  |
| 8:26     | 0.0                 | 0.1                            | 8:26     | 0.0                 | 0.0                            | 8:26 | 0.0                 | 0.0                            | -                               |  |
| 8:27     | 0.0                 | 0.1                            | 8:27     | 0.0                 | 0.0                            | 8:27 | 0.0                 | 0.0                            | -                               |  |
| 8:28     | 0.0                 | 0.1                            | 8:28     | 0.0                 | 0.0                            | 8:28 | 0.0                 | 0.0                            | -                               |  |
| 8:29     | 0.0                 | 0.1                            | 8:29     | 0.0                 | 0.0                            | 8:29 | 0.0                 | 0.0                            | -                               |  |
| 8:30     | 0.2                 | 0.1                            | 8:30     | 0.0                 | 0.0                            | 8:30 | 0.0                 | 0.0                            | -                               |  |
| 8:31     | 0.0                 | 0.1                            | 8:31     | 0.0                 | 0.0                            | 8:31 | 0.0                 | 0.0                            | -                               |  |
| 8:32     | 0.0                 | 0.1                            | 8:32     | 0.0                 | 0.0                            | 8:32 | 0.0                 | 0.0                            | -                               |  |
| 8:33     | 0.0                 | 0.1                            | 8:33     | 0.0                 | 0.0                            | 8:33 | 0.0                 | 0.0                            | -                               |  |
| 8:34     | 0.0                 | 0.1                            | 8:34     | 0.0                 | 0.0                            | 8:34 | 0.0                 | 0.0                            | -                               |  |
| 8:35     | 0.0                 | 0.1                            | 8:35     | 0.0                 | 0.0                            | 8:35 | 0.0                 | 0.0                            | -                               |  |
| 8:36     | 0.1                 | 0.1                            | 8:36     | 0.0                 | 0.0                            | 8:36 | 0.0                 | 0.0                            | -                               |  |
| 8:37     | 0.0                 | 0.1                            | 8:37     | 0.0                 | 0.0                            | 8:37 | 0.0                 | 0.0                            | -                               |  |
| 8:38     | 0.0                 | 0.1                            | 8:38     | 0.0                 | 0.0                            | 8:38 | 0.0                 | 0.0                            | -                               |  |
| 8:39     | 0.0                 | 0.0                            | 8:39     | 0.0                 | 0.0                            | 8:39 | 0.0                 | 0.0                            | -                               |  |
| 8:40     | 0.0                 | 0.0                            | 8:40     | 0.0                 | 0.0                            | 8:40 | 0.0                 | 0.0                            | -                               |  |
| 8:41     | 0.0                 | 0.0                            | 8:41     | 0.0                 | 0.0                            | 8:41 | 0.0                 | 0.0                            | -                               |  |
| 8:42     | 0.0                 | 0.0                            | 8:42     | 0.0                 | 0.0                            | 8:42 | 0.0                 | 0.0                            | -                               |  |
| 8:43     | 0.1                 | 0.0                            | 8:43     | 0.0                 | 0.0                            | 8:43 | 0.0                 | 0.0                            | -                               |  |
| 8:44     | 0.0                 | 0.0                            | 8:44     | 0.0                 | 0.0                            | 8:44 | 0.1                 | 0.0                            | -                               |  |
| 8:45     | 0.0                 | 0.0                            | 8:45     | 0.0                 | 0.0                            | 8:45 | 0.0                 | 0.0                            | -                               |  |
| 8:46     | 0.0                 | 0.0                            | 8:46     | 0.0                 | 0.0                            | 8:46 | 0.0                 | 0.0                            | -                               |  |
| 8:47     | 0.0                 | 0.0                            | 8:47     | 0.0                 | 0.0                            | 8:47 | 0.0                 | 0.0                            | -                               |  |
| 8:48     | 0.0                 | 0.0                            | 8:48     | 0.0                 | 0.0                            | 8:48 | 0.0                 | 0.0                            | -                               |  |
| 8:49     | 0.0                 | 0.0                            | 8:49     | 0.0                 | 0.0                            | 8:49 | 0.0                 | 0.0                            | -                               |  |
| 8:50     | 0.0                 | 0.0                            | 8:50     | 0.0                 | 0.0                            | 8:50 | 0.0                 | 0.0                            | -                               |  |
| 8:51     | 0.0                 | 0.0                            | 8:51     | 0.0                 | 0.0                            | 8:51 | 0.0                 | 0.0                            | -                               |  |
| 8:52     | 0.0                 | 0.0                            | 8:52     | 0.0                 | 0.0                            | 8:52 | 0.0                 | 0.0                            | -                               |  |
| 8:53     | 0.0                 | 0.0                            | 8:53     | 0.0                 | 0.0                            | 8:53 | 0.0                 | 0.0                            | -                               |  |
| 8:54     | 0.0                 | 0.0                            | 8:54     | 0.0                 | 0.0                            | 8:54 | 0.0                 | 0.0                            | -                               |  |
| 8:55     | 0.0                 | 0.0                            | 8:55     | 0.0                 | 0.0                            | 8:55 | 0.0                 | 0.0                            | -                               |  |
| 8:56     | 0.0                 | 0.0                            | 8:56     | 0.0                 | 0.0                            | 8:56 | 0.0                 | 0.0                            | -                               |  |
| 8:57     | 0.0                 | 0.0                            | 8:57     | 0.0                 | 0.0                            | 8:57 | 0.0                 | 0.0                            | -                               |  |
| 8:58     | 0.0                 | 0.0                            | 8:58     | 0.0                 | 0.0                            | 8:58 | 0.0                 | 0.0                            | -                               |  |
| 8:59     | 0.0                 | 0.0                            | 8:59     | 0.0                 | 0.0                            | 8:59 | 0.0                 | 0.0                            | -                               |  |
| 9:00     | 0.1                 | 0.0                            | 9:00     | 0.0                 | 0.0                            | 9:00 | 0.0                 | 0.0                            | -                               |  |
| 9:01     | 0.0                 | 0.0                            | 9:01     | 0.0                 | 0.0                            | 9:01 | 0.0                 | 0.0                            | -                               |  |
| 9:02     | 0.0                 | 0.0                            | 9:02     | 0.0                 | 0.0                            | 9:02 | 0.1                 | 0.0                            | -                               |  |
| 9:03     | 0.0                 | 0.0                            | 9:03     | 0.0                 | 0.0                            | 9:03 | 0.1                 | 0.0                            | -                               |  |
| 9:04     | 0.0                 | 0.0                            | 9:04     | 0.0                 | 0.0                            | 9:04 | 0.0                 | 0.0                            | -                               |  |
| 9:05     | 0.0                 | 0.0                            | 9:05     | 0.0                 | 0.0                            | 9:05 | 0.0                 | 0.0                            | -                               |  |
| 9:06     | 0.0                 | 0.0                            | 9:06     | 0.0                 | 0.0                            | 9:06 | 0.0                 | 0.0                            | -                               |  |
| 9:07     | 0.0                 | 0.0                            | 9:07     | 0.0                 | 0.0                            | 9:07 | 0.0                 | 0.0                            | -                               |  |
| 9:08     | 0.0                 | 0.0                            | 9:08     | 0.0                 | 0.0                            | 9:08 | 0.0                 | 0.0                            | -                               |  |
| 9:09     | 0.0                 | 0.0                            | 9:09     | 0.0                 | 0.0                            | 9:09 | 0.0                 | 0.0                            | -                               |  |
| 9:10     | 0.0                 | 0.0                            | 9:10     | 0.0                 | 0.0                            | 9:10 | 0.0                 | 0.0                            | -                               |  |
| 9:11     | 0.0                 | 0.0                            | 9:11     | 0.0                 | 0.0                            | 9:11 | 0.0                 | 0.0                            | -                               |  |
| 9:12     | 0.0                 | 0.0                            | 9:12     | 0.0                 | 0.0                            | 9:12 | 0.0                 | 0.0                            | -                               |  |
| 9:13     | 0.0                 | 0.0                            | 9:13     | 0.0                 | 0.0                            | 9:13 | 0.0                 | 0.0                            | -                               |  |
| 9:14     | 0.0                 | 0.0                            | 9:14     | 0.0                 | 0.0                            | 9:14 | 0.0                 | 0.0                            | -                               |  |
| 9:15     | 0.1                 | 0.0                            | 9:15     | 0.0                 | 0.0                            | 9:15 | 0.0                 | 0.0                            | -                               |  |
| 9:16     | 0.0                 | 0.0                            | 9:16     | 0.0                 | 0.0                            | 9:16 | 0.0                 | 0.0                            | -                               |  |
| 9:17     | 0.0                 | 0.0                            | 9:17     | 0.0                 | 0.0                            | 9:17 | 0.0                 | 0.0                            | -                               |  |
| 9:18     | 0.0                 | 0.0                            | 9:18     | 0.0                 | 0.0                            | 9:18 | 0.0                 | 0.0                            | -                               |  |
| 9:19     | 0.0                 | 0.0                            | 9:19     | 0.0                 | 0.0                            | 9:19 | 0.0                 | 0.0                            | -                               |  |
| 9:20     | 0.0                 | 0.0                            | 9:20     | 0.0                 | 0.0                            | 9:20 | 0.0                 | 0.0                            | -                               |  |
| 9:21     | 0.0                 | 0.0                            | 9:21     | 0.0                 | 0.0                            | 9:21 | 0.0                 | 0.0                            | -                               |  |
| 9:22     | 0.0                 | 0.0                            | 9:22     | 0.0                 | 0.0                            | 9:22 | 0.0                 | 0.0                            | -                               |  |
| 9:23     | 0.3                 | 0.0                            | 9:23     | 0.0                 | 0.0                            | 9:23 | 0.0                 | 0.0                            | -                               |  |
| 9:24     | 0.3                 | 0.0                            | 9:24     | 0.0                 | 0.0                            | 9:24 | 0.0                 | 0.0                            | -                               |  |
| 9:25     | 0.2                 | 0.1                            | 9:25     | 0.0                 | 0.0                            | 9:25 | 0.0                 | 0.0                            | -                               |  |
| 9:26     | 0.1                 | 0.1                            | 9:26     | 0.0                 | 0.0                            | 9:26 | 0.1                 | 0.0                            | -                               |  |
| 9:27     | 0.0                 | 0.1                            | 9:27     | 0.0                 | 0.0                            | 9:27 | 0.2                 | 0.0                            | -                               |  |
| 9:28     | 0.0                 | 0.1                            | 9:28     | 0.0                 | 0.0                            | 9:28 | 0.4                 | 0.0                            | -                               |  |
| 9:29     | 0.0                 | 0.1                            | 9:29     | 0.0                 | 0.0                            | 9:29 | 0.2                 | 0.1                            | -                               |  |

| PID DATA |                     |                                |          |                     |                                |       |                     |                                |                                 |
|----------|---------------------|--------------------------------|----------|---------------------|--------------------------------|-------|---------------------|--------------------------------|---------------------------------|
| Upwind   |                     |                                | Downwind |                     |                                |       |                     |                                | Exceeds Particulate Alarm Limit |
| Time     | Concentration (ppm) | 15-Min Avg Concentration (ppm) | Time     | Concentration (ppm) | 15-Min Avg Concentration (ppm) | Time  | Concentration (ppm) | 15-Min Avg Concentration (ppm) |                                 |
| 9:30     | 0.0                 | 0.1                            | 9:30     | 0.0                 | 0.0                            | 9:30  | 0.1                 | 0.1                            | -                               |
| 9:31     | 0.1                 | 0.1                            | 9:31     | 0.0                 | 0.0                            | 9:31  | 0.1                 | 0.1                            | -                               |
| 9:32     | 0.0                 | 0.1                            | 9:32     | 0.0                 | 0.0                            | 9:32  | 0.0                 | 0.1                            | -                               |
| 9:33     | 0.0                 | 0.1                            | 9:33     | 0.0                 | 0.0                            | 9:33  | 0.0                 | 0.1                            | -                               |
| 9:34     | 0.0                 | 0.1                            | 9:34     | 0.0                 | 0.0                            | 9:34  | 0.1                 | 0.1                            | -                               |
| 9:35     | 0.0                 | 0.1                            | 9:35     | 0.0                 | 0.0                            | 9:35  | 0.1                 | 0.1                            | -                               |
| 9:36     | 0.0                 | 0.1                            | 9:36     | 0.0                 | 0.0                            | 9:36  | 0.0                 | 0.1                            | -                               |
| 9:37     | 0.0                 | 0.1                            | 9:37     | 0.0                 | 0.0                            | 9:37  | 0.0                 | 0.1                            | -                               |
| 9:38     | 0.0                 | 0.0                            | 9:38     | 0.0                 | 0.0                            | 9:38  | 0.0                 | 0.1                            | -                               |
| 9:39     | 0.0                 | 0.0                            | 9:39     | 0.0                 | 0.0                            | 9:39  | 0.0                 | 0.1                            | -                               |
| 9:40     | 0.0                 | 0.0                            | 9:40     | 0.0                 | 0.0                            | 9:40  | 0.0                 | 0.1                            | -                               |
| 9:41     | 0.0                 | 0.0                            | 9:41     | 0.0                 | 0.0                            | 9:41  | 0.0                 | 0.1                            | -                               |
| 9:42     | 0.0                 | 0.0                            | 9:42     | 0.0                 | 0.0                            | 9:42  | 0.0                 | 0.1                            | -                               |
| 9:43     | 0.0                 | 0.0                            | 9:43     | 0.0                 | 0.0                            | 9:43  | 0.1                 | 0.0                            | -                               |
| 9:44     | 0.0                 | 0.0                            | 9:44     | 0.0                 | 0.0                            | 9:44  | 0.0                 | 0.0                            | -                               |
| 9:45     | 0.0                 | 0.0                            | 9:45     | 0.0                 | 0.0                            | 9:45  | 0.0                 | 0.0                            | -                               |
| 9:46     | 0.0                 | 0.0                            | 9:46     | 0.0                 | 0.0                            | 9:46  | 0.0                 | 0.0                            | -                               |
| 9:47     | 0.0                 | 0.0                            | 9:47     | 0.0                 | 0.0                            | 9:47  | 0.0                 | 0.0                            | -                               |
| 9:48     | 0.0                 | 0.0                            | 9:48     | 0.0                 | 0.0                            | 9:48  | 0.0                 | 0.0                            | -                               |
| 9:49     | 0.0                 | 0.0                            | 9:49     | 0.0                 | 0.0                            | 9:49  | 0.0                 | 0.0                            | -                               |
| 9:50     | 0.0                 | 0.0                            | 9:50     | 0.0                 | 0.0                            | 9:50  | 0.0                 | 0.0                            | -                               |
| 9:51     | 0.0                 | 0.0                            | 9:51     | 0.0                 | 0.0                            | 9:51  | 0.0                 | 0.0                            | -                               |
| 9:52     | 0.0                 | 0.0                            | 9:52     | 0.0                 | 0.0                            | 9:52  | 0.0                 | 0.0                            | -                               |
| 9:53     | 0.0                 | 0.0                            | 9:53     | 0.0                 | 0.0                            | 9:53  | 0.0                 | 0.0                            | -                               |
| 9:54     | 0.0                 | 0.0                            | 9:54     | 0.0                 | 0.0                            | 9:54  | 0.0                 | 0.0                            | -                               |
| 9:55     | 0.0                 | 0.0                            | 9:55     | 0.0                 | 0.0                            | 9:55  | 0.0                 | 0.0                            | -                               |
| 9:56     | 0.0                 | 0.0                            | 9:56     | 0.0                 | 0.0                            | 9:56  | 0.0                 | 0.0                            | -                               |
| 9:57     | 0.0                 | 0.0                            | 9:57     | 0.0                 | 0.0                            | 9:57  | 0.0                 | 0.0                            | -                               |
| 9:58     | 0.0                 | 0.0                            | 9:58     | 0.0                 | 0.0                            | 9:58  | 0.0                 | 0.0                            | -                               |
| 9:59     | 0.0                 | 0.0                            | 9:59     | 0.0                 | 0.0                            | 9:59  | 0.0                 | 0.0                            | -                               |
| 10:00    | 0.0                 | 0.0                            | 10:00    | 0.0                 | 0.0                            | 10:00 | 0.0                 | 0.0                            | -                               |
| 10:01    | 0.0                 | 0.0                            | 10:01    | 0.0                 | 0.0                            | 10:01 | 0.0                 | 0.0                            | -                               |
| 10:02    | 0.0                 | 0.0                            | 10:02    | 0.0                 | 0.0                            | 10:02 | 0.0                 | 0.0                            | -                               |
| 10:03    | 0.0                 | 0.0                            | 10:03    | 0.0                 | 0.0                            | 10:03 | 0.0                 | 0.0                            | -                               |
| 10:04    | 0.0                 | 0.0                            | 10:04    | 0.0                 | 0.0                            | 10:04 | 0.0                 | 0.0                            | -                               |
| 10:05    | 0.0                 | 0.0                            | 10:05    | 0.0                 | 0.0                            | 10:05 | 0.0                 | 0.0                            | -                               |
| 10:06    | 0.0                 | 0.0                            | 10:06    | 0.0                 | 0.0                            | 10:06 | 0.0                 | 0.0                            | -                               |
| 10:07    | 0.0                 | 0.0                            | 10:07    | 0.0                 | 0.0                            | 10:07 | 0.0                 | 0.0                            | -                               |
| 10:08    | 0.0                 | 0.0                            | 10:08    | 0.0                 | 0.0                            | 10:08 | 0.0                 | 0.0                            | -                               |
| 10:09    | 0.0                 | 0.0                            | 10:09    | 0.0                 | 0.0                            | 10:09 | 0.0                 | 0.0                            | -                               |
| 10:10    | 0.0                 | 0.0                            | 10:10    | 0.0                 | 0.0                            | 10:10 | 0.0                 | 0.0                            | -                               |
| 10:11    | 0.0                 | 0.0                            | 10:11    | 0.0                 | 0.0                            | 10:11 | 0.1                 | 0.0                            | -                               |
| 10:12    | 0.0                 | 0.0                            | 10:12    | 0.0                 | 0.0                            | 10:12 | 0.0                 | 0.0                            | -                               |
| 10:13    | 0.0                 | 0.0                            | 10:13    | 0.0                 | 0.0                            | 10:13 | 0.0                 | 0.0                            | -                               |
| 10:14    | 0.0                 | 0.0                            | 10:14    | 0.0                 | 0.0                            | 10:14 | 0.0                 | 0.0                            | -                               |
| 10:15    | 0.0                 | 0.0                            | 10:15    | 0.0                 | 0.0                            | 10:15 | 0.0                 | 0.0                            | -                               |
| 10:16    | 0.0                 | 0.0                            | 10:16    | 0.0                 | 0.0                            | 10:16 | 0.0                 | 0.0                            | -                               |
| 10:17    | 0.0                 | 0.0                            | 10:17    | 0.0                 | 0.0                            | 10:17 | 0.0                 | 0.0                            | -                               |
| 10:18    | 0.0                 | 0.0                            | 10:18    | 0.0                 | 0.0                            | 10:18 | 0.0                 | 0.0                            | -                               |
| 10:19    | 0.0                 | 0.0                            | 10:19    | 0.0                 | 0.0                            | 10:19 | 0.0                 | 0.0                            | -                               |
| 10:20    | 0.0                 | 0.0                            | 10:20    | 0.0                 | 0.0                            | 10:20 | 0.0                 | 0.0                            | -                               |
| 10:21    | 0.0                 | 0.0                            | 10:21    | 0.0                 | 0.0                            | 10:21 | 0.0                 | 0.0                            | -                               |
| 10:22    | 0.0                 | 0.0                            | 10:22    | 0.0                 | 0.0                            | 10:22 | 0.0                 | 0.0                            | -                               |
| 10:23    | 0.0                 | 0.0                            | 10:23    | 0.0                 | 0.0                            | 10:23 | 0.0                 | 0.0                            | -                               |
| 10:24    | 0.0                 | 0.0                            | 10:24    | 0.0                 | 0.0                            | 10:24 | 0.0                 | 0.0                            | -                               |
| 10:25    | 0.0                 | 0.0                            | 10:25    | 0.0                 | 0.0                            | 10:25 | 0.0                 | 0.0                            | -                               |
| 10:26    | 0.0                 | 0.0                            | 10:26    | 0.0                 | 0.0                            | 10:26 | 0.0                 | 0.0                            | -                               |
| 10:27    | 0.0                 | 0.0                            | 10:27    | 0.0                 | 0.0                            | 10:27 | 0.0                 | 0.0                            | -                               |
| 10:28    | 0.0                 | 0.0                            | 10:28    | 0.0                 | 0.0                            | 10:28 | 0.0                 | 0.0                            | -                               |
| 10:29    | 0.0                 | 0.0                            | 10:29    | 0.0                 | 0.0                            | 10:29 | 0.0                 | 0.0                            | -                               |
| 10:30    | 0.0                 | 0.0                            | 10:30    | 0.0                 | 0.0                            | 10:30 | 0.0                 | 0.0                            | -                               |
| 10:31    | 0.0                 | 0.0                            | 10:31    | 0.0                 | 0.0                            | 10:31 | 0.0                 | 0.0                            | -                               |
| 10:32    | 0.0                 | 0.0                            | 10:32    | 0.0                 | 0.0                            | 10:32 | 0.0                 | 0.0                            | -                               |
| 10:33    | 0.0                 | 0.0                            | 10:33    | 0.0                 | 0.0                            | 10:33 | 0.0                 | 0.0                            | -                               |
| 10:34    | 0.0                 | 0.0                            | 10:34    | 0.0                 | 0.0                            | 10:34 | 0.0                 | 0.0                            | -                               |
| 10:35    | 0.0                 | 0.0                            | 10:35    | 0.0                 | 0.0                            | 10:35 | 0.0                 | 0.0                            | -                               |
| 10:36    | 0.0                 | 0.0                            | 10:36    | 0.0                 | 0.0                            | 10:36 | 0.0                 | 0.0                            | -                               |
| 10:37    | 0.0                 | 0.0                            | 10:37    | 0.0                 | 0.0                            | 10:37 | 0.5                 | 0.0                            | -                               |
| 10:38    | 0.0                 | 0.0                            | 10:38    | 0.0                 | 0.0                            | 10:38 | 0.5                 | 0.1                            | -                               |
| 10:39    | 0.0                 | 0.0                            | 10:39    | 0.0                 | 0.0                            | 10:39 | 0.5                 | 0.1                            | -                               |
| 10:40    | 0.0                 | 0.0                            | 10:40    | 0.0                 | 0.0                            | 10:40 | 0.6                 | 0.2                            | -                               |
| 10:41    | 0.0                 | 0.0                            | 10:41    | 0.0                 | 0.0                            | 10:41 | 0.5                 | 0.2                            | -                               |
| 10:42    | 0.0                 | 0.0                            | 10:42    | 0.0                 | 0.0                            | 10:42 | 0.4                 | 0.2                            | -                               |
| 10:43    | 0.0                 | 0.0                            | 10:43    | 0.0                 | 0.0                            | 10:43 | 0.3                 | 0.2                            | -                               |
| 10:44    | 0.0                 | 0.0                            | 10:44    | 0.0                 | 0.0                            | 10:44 | 0.3                 | 0.3                            | -                               |
| 10:45    | 0.0                 | 0.0                            | 10:45    | 0.0                 | 0.0                            | 10:45 | 0.1                 | 0.3                            | -                               |

| PID DATA |                     |                                |          |                     |                                |       |                     |                                |                                 |
|----------|---------------------|--------------------------------|----------|---------------------|--------------------------------|-------|---------------------|--------------------------------|---------------------------------|
| Upwind   |                     |                                | Downwind |                     |                                |       |                     |                                | Exceeds Particulate Alarm Limit |
| Time     | Concentration (ppm) | 15-Min Avg Concentration (ppm) | Time     | Concentration (ppm) | 15-Min Avg Concentration (ppm) | Time  | Concentration (ppm) | 15-Min Avg Concentration (ppm) |                                 |
| 10:46    | 0.0                 | 0.0                            | 10:46    | 0.0                 | 0.0                            | 10:46 | 0.9                 | 0.3                            | -                               |
| 10:47    | 0.0                 | 0.0                            | 10:47    | 0.0                 | 0.0                            | 10:47 | 0.7                 | 0.4                            | -                               |
| 10:48    | 0.0                 | 0.0                            | 10:48    | 0.0                 | 0.0                            | 10:48 | 0.7                 | 0.4                            | -                               |
| 10:49    | 0.0                 | 0.0                            | 10:49    | 0.0                 | 0.0                            | 10:49 | 0.7                 | 0.5                            | -                               |
| 10:50    | 0.0                 | 0.0                            | 10:50    | 0.0                 | 0.0                            | 10:50 | 1.4                 | 0.6                            | -                               |
| 10:51    | 0.0                 | 0.0                            | 10:51    | 0.0                 | 0.0                            | 10:51 | 0.7                 | 0.6                            | -                               |
| 10:52    | 0.0                 | 0.0                            | 10:52    | 0.0                 | 0.0                            | 10:52 | 0.5                 | 0.6                            | -                               |
| 10:53    | 0.0                 | 0.0                            | 10:53    | 0.0                 | 0.0                            | 10:53 | 0.3                 | 0.6                            | -                               |
| 10:54    | 0.0                 | 0.0                            | 10:54    | 0.0                 | 0.0                            | 10:54 | 0.3                 | 0.6                            | -                               |
| 10:55    | 0.0                 | 0.0                            | 10:55    | 0.0                 | 0.0                            | 10:55 | 0.3                 | 0.5                            | -                               |
| 10:56    | 0.0                 | 0.0                            | 10:56    | 0.0                 | 0.0                            | 10:56 | 0.2                 | 0.5                            | -                               |
| 10:57    | 0.0                 | 0.0                            | 10:57    | 0.0                 | 0.0                            | 10:57 | 0.2                 | 0.5                            | -                               |
| 10:58    | 0.0                 | 0.0                            | 10:58    | 0.0                 | 0.0                            | 10:58 | 0.2                 | 0.5                            | -                               |
| 10:59    | 0.0                 | 0.0                            | 10:59    | 0.0                 | 0.0                            | 10:59 | 0.2                 | 0.5                            | -                               |
| 11:00    | 0.0                 | 0.0                            | 11:00    | 0.0                 | 0.0                            | 11:00 | 0.1                 | 0.5                            | -                               |
| 11:01    | 0.0                 | 0.0                            | 11:01    | 0.0                 | 0.0                            | 11:01 | 0.1                 | 0.4                            | -                               |
| 11:02    | 0.0                 | 0.0                            | 11:02    | 0.0                 | 0.0                            | 11:02 | 0.1                 | 0.4                            | -                               |
| 11:03    | 0.0                 | 0.0                            | 11:03    | 0.0                 | 0.0                            | 11:03 | 0.1                 | 0.4                            | -                               |
| 11:04    | 0.0                 | 0.0                            | 11:04    | 0.0                 | 0.0                            | 11:04 | 0.1                 | 0.3                            | -                               |
| 11:05    | 0.0                 | 0.0                            | 11:05    | 0.0                 | 0.0                            | 11:05 | 0.1                 | 0.2                            | -                               |
| 11:06    | 0.0                 | 0.0                            | 11:06    | 0.0                 | 0.0                            | 11:06 | 0.1                 | 0.2                            | -                               |
| 11:07    | 0.0                 | 0.0                            | 11:07    | 0.0                 | 0.0                            | 11:07 | 0.1                 | 0.2                            | -                               |
| 11:08    | 0.0                 | 0.0                            | 11:08    | 0.0                 | 0.0                            | 11:08 | 0.1                 | 0.2                            | -                               |
| 11:09    | 0.0                 | 0.0                            | 11:09    | 0.0                 | 0.0                            | 11:09 | 0.1                 | 0.2                            | -                               |
| 11:10    | 0.0                 | 0.0                            | 11:10    | 0.0                 | 0.0                            | 11:10 | 0.1                 | 0.1                            | -                               |
| 11:11    | 0.0                 | 0.0                            | 11:11    | 0.0                 | 0.0                            | 11:11 | 0.2                 | 0.1                            | -                               |
| 11:12    | 0.0                 | 0.0                            | 11:12    | 0.0                 | 0.0                            | 11:12 | 0.3                 | 0.2                            | -                               |
| 11:13    | 0.0                 | 0.0                            | 11:13    | 0.0                 | 0.0                            | 11:13 | 0.4                 | 0.2                            | -                               |
| 11:14    | 0.0                 | 0.0                            | 11:14    | 0.0                 | 0.0                            | 11:14 | 0.2                 | 0.2                            | -                               |
| 11:15    | 0.0                 | 0.0                            | 11:15    | 0.0                 | 0.0                            | 11:15 | 0.2                 | 0.2                            | -                               |
| 11:16    | 0.0                 | 0.0                            | 11:16    | 0.0                 | 0.0                            | 11:16 | 0.2                 | 0.2                            | -                               |
| 11:17    | 0.0                 | 0.0                            | 11:17    | 0.0                 | 0.0                            | 11:17 | 0.2                 | 0.2                            | -                               |
| 11:18    | 0.0                 | 0.0                            | 11:18    | 0.0                 | 0.0                            | 11:18 | 0.2                 | 0.2                            | -                               |
| 11:19    | 0.0                 | 0.0                            | 11:19    | 0.0                 | 0.0                            | 11:19 | 0.2                 | 0.2                            | -                               |
| 11:20    | 0.0                 | 0.0                            | 11:20    | 0.0                 | 0.0                            | 11:20 | 0.2                 | 0.2                            | -                               |
| 11:21    | 0.0                 | 0.0                            | 11:21    | 0.0                 | 0.0                            | 11:21 | 0.2                 | 0.2                            | -                               |
| 11:22    | 0.0                 | 0.0                            | 11:22    | 0.0                 | 0.0                            | 11:22 | 0.2                 | 0.2                            | -                               |
| 11:23    | 0.0                 | 0.0                            | 11:23    | 0.0                 | 0.0                            | 11:23 | 0.2                 | 0.2                            | -                               |
| 11:24    | 0.0                 | 0.0                            | 11:24    | 0.0                 | 0.0                            | 11:24 | 0.2                 | 0.2                            | -                               |
| 11:25    | 0.0                 | 0.0                            | 11:25    | 0.0                 | 0.0                            | 11:25 | 0.2                 | 0.2                            | -                               |
| 11:26    | 0.0                 | 0.0                            | 11:26    | 0.0                 | 0.0                            | 11:26 | 0.2                 | 0.2                            | -                               |
| 11:27    | 0.0                 | 0.0                            | 11:27    | 0.0                 | 0.0                            | 11:27 | 0.2                 | 0.2                            | -                               |
| 11:28    | 0.0                 | 0.0                            | 11:28    | 0.0                 | 0.0                            | 11:28 | 0.2                 | 0.2                            | -                               |
| 11:29    | 0.0                 | 0.0                            | 11:29    | 0.0                 | 0.0                            | 11:29 | 0.2                 | 0.2                            | -                               |
| 11:30    | 0.0                 | 0.0                            | 11:30    | 0.0                 | 0.0                            | 11:30 | 0.2                 | 0.2                            | -                               |
| 11:31    | 0.0                 | 0.0                            | 11:31    | 0.0                 | 0.0                            | 11:31 | 0.2                 | 0.2                            | -                               |
| 11:32    | 0.0                 | 0.0                            | 11:32    | 0.0                 | 0.0                            | 11:32 | 0.2                 | 0.2                            | -                               |
| 11:33    | 0.0                 | 0.0                            | 11:33    | 0.0                 | 0.0                            | 11:33 | 0.2                 | 0.2                            | -                               |
| 11:34    | 0.0                 | 0.0                            | 11:34    | 0.0                 | 0.0                            | 11:34 | 0.1                 | 0.2                            | -                               |
| 11:35    | 0.0                 | 0.0                            | 11:35    | 0.0                 | 0.0                            | 11:35 | 0.1                 | 0.2                            | -                               |
| 11:36    | 0.0                 | 0.0                            | 11:36    | 0.0                 | 0.0                            | 11:36 | 0.1                 | 0.2                            | -                               |
| 11:37    | 0.0                 | 0.0                            | 11:37    | 0.0                 | 0.0                            | 11:37 | 0.2                 | 0.2                            | -                               |
| 11:38    | 0.0                 | 0.0                            | 11:38    | 0.0                 | 0.0                            | 11:38 | 0.2                 | 0.2                            | -                               |
| 11:39    | 0.0                 | 0.0                            | 11:39    | 0.0                 | 0.0                            | 11:39 | 0.2                 | 0.2                            | -                               |
| 11:40    | 0.0                 | 0.0                            | 11:40    | 0.0                 | 0.0                            | 11:40 | 0.2                 | 0.2                            | -                               |
| 11:41    | 0.0                 | 0.0                            | 11:41    | 0.0                 | 0.0                            | 11:41 | 0.2                 | 0.2                            | -                               |
| 11:42    | 0.0                 | 0.0                            | 11:42    | 0.0                 | 0.0                            | 11:42 | 0.1                 | 0.2                            | -                               |
| 11:43    | 0.0                 | 0.0                            | 11:43    | 0.0                 | 0.0                            | 11:43 | 0.2                 | 0.2                            | -                               |
| 11:44    | 0.0                 | 0.0                            | 11:44    | 0.0                 | 0.0                            | 11:44 | 0.2                 | 0.2                            | -                               |
| 11:45    | 0.0                 | 0.0                            | 11:45    | 0.0                 | 0.0                            | 11:45 | 0.2                 | 0.2                            | -                               |
| 11:46    | 0.0                 | 0.0                            | 11:46    | 0.0                 | 0.0                            | 11:46 | 0.2                 | 0.2                            | -                               |
| 11:47    | 0.0                 | 0.0                            | 11:47    | 0.0                 | 0.0                            | 11:47 | 0.2                 | 0.2                            | -                               |
| 11:48    | 0.0                 | 0.0                            | 11:48    | 0.0                 | 0.0                            | 11:48 | 0.2                 | 0.2                            | -                               |
| 11:49    | 0.0                 | 0.0                            | 11:49    | 0.0                 | 0.0                            | 11:49 | 0.2                 | 0.2                            | -                               |
| 11:50    | 0.0                 | 0.0                            | 11:50    | 0.0                 | 0.0                            | 11:50 | 0.1                 | 0.2                            | -                               |
| 11:51    | 0.0                 | 0.0                            | 11:51    | 0.0                 | 0.0                            | 11:51 | 0.1                 | 0.2                            | -                               |
| 11:52    | 0.0                 | 0.0                            | 11:52    | 0.0                 | 0.0                            | 11:52 | 0.1                 | 0.2                            | -                               |
| 11:53    | 0.0                 | 0.0                            | 11:53    | 0.0                 | 0.0                            | 11:53 | 0.1                 | 0.2                            | -                               |
| 11:54    | 0.0                 | 0.0                            | 11:54    | 0.0                 | 0.0                            | 11:54 | 0.1                 | 0.2                            | -                               |
| 11:55    | 0.0                 | 0.0                            | 11:55    | 0.0                 | 0.0                            | 11:55 | 0.1                 | 0.1                            | -                               |
| 11:56    | 0.0                 | 0.0                            | 11:56    | 0.0                 | 0.0                            | 11:56 | 0.1                 | 0.1                            | -                               |
| 11:57    | 0.0                 | 0.0                            | 11:57    | 0.0                 | 0.0                            | 11:57 | 0.1                 | 0.1                            | -                               |
| 11:58    | 0.0                 | 0.0                            | 11:58    | 0.0                 | 0.0                            | 11:58 | 0.1                 | 0.1                            | -                               |
| 11:59    | 0.0                 | 0.0                            | 11:59    | 0.0                 | 0.0                            | 11:59 | 0.1                 | 0.1                            | -                               |
| 12:00    | 0.0                 | 0.0                            | 12:00    | 0.0                 | 0.0                            | 12:00 | 0.1                 | 0.1                            | -                               |
| 12:01    | 0.0                 | 0.0                            | 12:01    | 0.0                 | 0.0                            | 12:01 | 0.1                 | 0.1                            | -                               |

| PID DATA |                     |                                |          |                     |                                |       |                     |                                |                                 |
|----------|---------------------|--------------------------------|----------|---------------------|--------------------------------|-------|---------------------|--------------------------------|---------------------------------|
| Upwind   |                     |                                | Downwind |                     |                                |       |                     |                                | Exceeds Particulate Alarm Limit |
| Time     | Concentration (ppm) | 15-Min Avg Concentration (ppm) | Time     | Concentration (ppm) | 15-Min Avg Concentration (ppm) | Time  | Concentration (ppm) | 15-Min Avg Concentration (ppm) |                                 |
| 12:02    | 0.0                 | 0.0                            | 12:02    | 0.0                 | 0.0                            | 12:02 | 0.1                 | 0.1                            | -                               |
| 12:03    | 0.0                 | 0.0                            | 12:03    | 0.0                 | 0.0                            | 12:03 | 0.1                 | 0.1                            | -                               |
| 12:04    | 0.0                 | 0.0                            | 12:04    | 0.0                 | 0.0                            | 12:04 | 0.2                 | 0.1                            | -                               |
| 12:05    | 0.0                 | 0.0                            | 12:05    | 0.0                 | 0.0                            | 12:05 | 0.1                 | 0.1                            | -                               |
| 12:06    | 0.0                 | 0.0                            | 12:06    | 0.0                 | 0.0                            | 12:06 | 0.1                 | 0.1                            | -                               |
| 12:07    | 0.0                 | 0.0                            | 12:07    | 0.0                 | 0.0                            | 12:07 | 0.1                 | 0.1                            | -                               |
| 12:08    | 0.0                 | 0.0                            | 12:08    | 0.0                 | 0.0                            | 12:08 | 0.1                 | 0.1                            | -                               |
| 12:09    | 0.0                 | 0.0                            | 12:09    | 0.0                 | 0.0                            | 12:09 | 0.1                 | 0.1                            | -                               |
| 12:10    | 0.0                 | 0.0                            | 12:10    | 0.0                 | 0.0                            | 12:10 | 0.1                 | 0.1                            | -                               |
| 12:11    | 0.0                 | 0.0                            | 12:11    | 0.0                 | 0.0                            | 12:11 | 0.1                 | 0.1                            | -                               |
| 12:12    | 0.0                 | 0.0                            | 12:12    | 0.0                 | 0.0                            | 12:12 | 0.1                 | 0.1                            | -                               |
| 12:13    | 0.0                 | 0.0                            | 12:13    | 0.0                 | 0.0                            | 12:13 | 0.0                 | 0.1                            | -                               |
| 12:14    | 0.0                 | 0.0                            | 12:14    | 0.0                 | 0.0                            | 12:14 | 0.0                 | 0.1                            | -                               |
| 12:15    | 0.0                 | 0.0                            | 12:15    | 0.0                 | 0.0                            | 12:15 | 0.0                 | 0.1                            | -                               |
| 12:16    | 0.0                 | 0.0                            | 12:16    | 0.0                 | 0.0                            | 12:16 | 0.1                 | 0.1                            | -                               |
| 12:17    | 0.0                 | 0.0                            | 12:17    | 0.0                 | 0.0                            | 12:17 | 0.1                 | 0.1                            | -                               |
| 12:18    | 0.0                 | 0.0                            | 12:18    | 0.0                 | 0.0                            | 12:18 | 0.1                 | 0.1                            | -                               |
| 12:19    | 0.0                 | 0.0                            | 12:19    | 0.0                 | 0.0                            | 12:19 | 0.1                 | 0.1                            | -                               |
| 12:20    | 0.0                 | 0.0                            | 12:20    | 0.0                 | 0.0                            | 12:20 | 0.1                 | 0.1                            | -                               |
| 12:21    | 0.0                 | 0.0                            | 12:21    | 0.0                 | 0.0                            | 12:21 | 0.1                 | 0.1                            | -                               |
| 12:22    | 0.0                 | 0.0                            | 12:22    | 0.0                 | 0.0                            | 12:22 | 0.1                 | 0.1                            | -                               |
| 12:23    | 0.0                 | 0.0                            | 12:23    | 0.0                 | 0.0                            | 12:23 | 0.1                 | 0.1                            | -                               |
| 12:24    | 0.0                 | 0.0                            | 12:24    | 0.0                 | 0.0                            | 12:24 | 0.1                 | 0.1                            | -                               |
| 12:25    | 0.0                 | 0.0                            | 12:25    | 0.0                 | 0.0                            | 12:25 | 0.1                 | 0.1                            | -                               |
| 12:26    | 0.0                 | 0.0                            | 12:26    | 0.0                 | 0.0                            | 12:26 | 0.1                 | 0.1                            | -                               |
| 12:27    | 0.0                 | 0.0                            | 12:27    | 0.0                 | 0.0                            | 12:27 | 0.1                 | 0.1                            | -                               |
| 12:28    | 0.0                 | 0.0                            | 12:28    | 0.0                 | 0.0                            | 12:28 | 0.0                 | 0.1                            | -                               |
| 12:29    | 0.0                 | 0.0                            | 12:29    | 0.0                 | 0.0                            | 12:29 | 0.0                 | 0.1                            | -                               |
| 12:30    | 0.0                 | 0.0                            | 12:30    | 0.0                 | 0.0                            | 12:30 | 0.0                 | 0.1                            | -                               |
| 12:31    | 0.1                 | 0.0                            | 12:31    | 0.0                 | 0.0                            | 12:31 | 0.0                 | 0.1                            | -                               |
| 12:32    | 0.1                 | 0.0                            | 12:32    | 0.0                 | 0.0                            | 12:32 | 0.0                 | 0.1                            | -                               |
| 12:33    | 0.2                 | 0.0                            | 12:33    | 0.0                 | 0.0                            | 12:33 | 0.1                 | 0.1                            | -                               |
| 12:34    | 0.3                 | 0.0                            | 12:34    | 0.0                 | 0.0                            | 12:34 | 0.1                 | 0.1                            | -                               |
| 12:35    | 0.0                 | 0.0                            | 12:35    | 0.0                 | 0.0                            | 12:35 | 0.1                 | 0.1                            | -                               |
| 12:36    | 0.0                 | 0.0                            | 12:36    | 0.0                 | 0.0                            | 12:36 | 0.0                 | 0.1                            | -                               |
| 12:37    | 0.0                 | 0.0                            | 12:37    | 0.0                 | 0.0                            | 12:37 | 0.0                 | 0.1                            | -                               |
| 12:38    | 0.0                 | 0.0                            | 12:38    | 0.0                 | 0.0                            | 12:38 | 0.0                 | 0.1                            | -                               |
| 12:39    | 0.0                 | 0.0                            | 12:39    | 0.0                 | 0.0                            | 12:39 | 0.0                 | 0.0                            | -                               |
| 12:40    | 0.0                 | 0.0                            | 12:40    | 0.0                 | 0.0                            | 12:40 | 0.0                 | 0.0                            | -                               |
| 12:41    | 0.0                 | 0.0                            | 12:41    | 0.0                 | 0.0                            | 12:41 | 0.0                 | 0.0                            | -                               |
| 12:42    | 0.0                 | 0.0                            | 12:42    | 0.0                 | 0.0                            | 12:42 | 0.0                 | 0.0                            | -                               |
| 12:43    | 0.0                 | 0.0                            | 12:43    | 0.0                 | 0.0                            | 12:43 | 0.0                 | 0.0                            | -                               |
| 12:44    | 0.0                 | 0.0                            | 12:44    | 0.0                 | 0.0                            | 12:44 | 0.0                 | 0.0                            | -                               |
| 12:45    | 0.0                 | 0.0                            | 12:45    | 0.0                 | 0.0                            | 12:45 | 0.0                 | 0.0                            | -                               |
| 12:46    | 0.0                 | 0.0                            | 12:46    | 0.0                 | 0.0                            | 12:46 | 0.0                 | 0.0                            | -                               |
| 12:47    | 0.0                 | 0.0                            | 12:47    | 0.0                 | 0.0                            | 12:47 | 0.0                 | 0.0                            | -                               |
| 12:48    | 0.0                 | 0.0                            | 12:48    | 0.0                 | 0.0                            | 12:48 | 0.0                 | 0.0                            | -                               |
| 12:49    | 0.0                 | 0.0                            | 12:49    | 0.0                 | 0.0                            | 12:49 | 0.0                 | 0.0                            | -                               |
| 12:50    | 0.0                 | 0.0                            | 12:50    | 0.0                 | 0.0                            | 12:50 | 0.0                 | 0.0                            | -                               |
| 12:51    | 0.0                 | 0.0                            | 12:51    | 0.0                 | 0.0                            | 12:51 | 0.0                 | 0.0                            | -                               |
| 12:52    | 0.0                 | 0.0                            | 12:52    | 0.0                 | 0.0                            | 12:52 | 0.0                 | 0.0                            | -                               |
| 12:53    | 0.0                 | 0.0                            | 12:53    | 0.0                 | 0.0                            | 12:53 | 0.0                 | 0.0                            | -                               |
| 12:54    | 0.0                 | 0.0                            | 12:54    | 0.0                 | 0.0                            | 12:54 | 0.0                 | 0.0                            | -                               |
| 12:55    | 0.0                 | 0.0                            | 12:55    | 0.0                 | 0.0                            | 12:55 | 0.0                 | 0.0                            | -                               |
| 12:56    | 0.0                 | 0.0                            | 12:56    | 0.0                 | 0.0                            | 12:56 | 0.0                 | 0.0                            | -                               |
| 12:57    | 0.0                 | 0.0                            | 12:57    | 0.0                 | 0.0                            | 12:57 | 0.0                 | 0.0                            | -                               |
| 12:58    | 0.0                 | 0.0                            | 12:58    | 0.0                 | 0.0                            | 12:58 | 0.0                 | 0.0                            | -                               |
| 12:59    | 0.0                 | 0.0                            | 12:59    | 0.0                 | 0.0                            | 12:59 | 0.0                 | 0.0                            | -                               |
| 13:00    | 0.0                 | 0.0                            | 13:00    | 0.0                 | 0.0                            | 13:00 | 0.0                 | 0.0                            | -                               |
| 13:01    | 0.0                 | 0.0                            | 13:01    | 0.0                 | 0.0                            | 13:01 | 0.0                 | 0.0                            | -                               |
| 13:02    | 0.0                 | 0.0                            | 13:02    | 0.0                 | 0.0                            | 13:02 | 0.0                 | 0.0                            | -                               |
| 13:03    | 0.0                 | 0.0                            | 13:03    | 0.0                 | 0.0                            | 13:03 | 0.0                 | 0.0                            | -                               |
| 13:04    | 0.0                 | 0.0                            | 13:04    | 0.0                 | 0.0                            | 13:04 | 0.0                 | 0.0                            | -                               |
| 13:05    | 0.0                 | 0.0                            | 13:05    | 0.0                 | 0.0                            | 13:05 | 0.0                 | 0.0                            | -                               |
| 13:06    | 0.0                 | 0.0                            | 13:06    | 0.0                 | 0.0                            | 13:06 | 0.0                 | 0.0                            | -                               |
| 13:07    | 0.0                 | 0.0                            | 13:07    | 0.0                 | 0.0                            | 13:07 | 0.0                 | 0.0                            | -                               |
| 13:08    | 0.0                 | 0.0                            | 13:08    | 0.0                 | 0.0                            | 13:08 | 0.0                 | 0.0                            | -                               |
| 13:09    | 0.0                 | 0.0                            | 13:09    | 0.0                 | 0.0                            | 13:09 | 0.0                 | 0.0                            | -                               |
| 13:10    | 0.0                 | 0.0                            | 13:10    | 0.0                 | 0.0                            | 13:10 | 0.0                 | 0.0                            | -                               |
| 13:11    | 0.0                 | 0.0                            | 13:11    | 0.0                 | 0.0                            | 13:11 | 0.0                 | 0.0                            | -                               |
| 13:12    | 0.0                 | 0.0                            | 13:12    | 0.0                 | 0.0                            | 13:12 | 0.0                 | 0.0                            | -                               |
| 13:13    | 0.0                 | 0.0                            | 13:13    | 0.0                 | 0.0                            | 13:13 | 0.0                 | 0.0                            | -                               |
| 13:14    | 0.0                 | 0.0                            | 13:14    | 0.0                 | 0.0                            | 13:14 | 0.0                 | 0.0                            | -                               |
| 13:15    | 0.0                 | 0.0                            | 13:15    | 0.0                 | 0.0                            | 13:15 | 0.0                 | 0.0                            | -                               |
| 13:16    | 0.0                 | 0.0                            | 13:16    | 0.0                 | 0.0                            | 13:16 | 0.0                 | 0.0                            | -                               |
| 13:17    | 0.0                 | 0.0                            | 13:17    | 0.0                 | 0.0                            | 13:17 | 0.0                 | 0.0                            | -                               |





