

# LANGAN SITE OBSERVATION REPORT – Day 075

<b>CLIENT:</b>	Gowanus Canal LLC and GowCan Owner, LLC	<b>DATE:</b>	Wednesday, December 07, 2022			
<b>PROJECT No.:</b>	170295301	<b>WEATHER:</b>	Cloudy/rainy, 55 to 59 °F Wind: SSW @ 1-3 mph			
<b>PROJECT:</b>	Gowanus Canal Northside	<b>TIME:</b>	06:30 – 17:15			
<b>LOCATION:</b>	Brooklyn, New York	<b>BCP SITE ID:</b>	C224080			
<b>EQUIPMENT:</b>	<p>Komatsu PC 490 Excavator      Junttan PM20/25 Drill Rig          Komatsu PC 240 Excavator      JLG HC3 Boom Lift          Komatsu PC 78 US Excavator          APE Model 23.2 Vibratory Hammer          Komatsu Wheel Loader          Junttan PM20US Drill Rig          Geoprobe 54 DT Drill Rig</p>					
<b>PRESENT AT SITE:</b> <b>Langan:</b> Audrey Seery, Brian Kenneally (Environmental), Ashlene Bisram, Ahmed Mahmoud (Geotechnical) <b>Urban Atelier Group (UAG):</b> Seth Anderson <b>Kingdom Associates, Inc. (Kingdom):</b> Marcin Hulewicz <b>Lakewood Environmental Services (Lakewood Environmental):</b> Tim Kelly						
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>						
<p>Langan 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.</p>						
<h4>Site Activities</h4> <ul style="list-style-type: none"> <li>• Kingdom placed previously imported 2 ½-inch stone on top of geotextile fabric to repair the stabilized construction entrances and tracking pads in the southern part of Society Brooklyn.</li> <li>• Kingdom excavated an about 30-foot-long by 15-foot-wide area to about 12 feet below grade surface (bgs) to install lagging in the southern part of Society Brooklyn. Excavated material consisted of historic fill.           <ul style="list-style-type: none"> <li>○ Excavated historic fill was screened for odor, staining, and organic vapors using a photoionization detector (PID). No impacts were observed.</li> <li>○ Kingdom temporarily stockpiled the excavated historic fill adjacent to the excavation pending future off-site disposal.</li> </ul> </li> <li>• Kingdom excavated an about 30-foot-long by 6-foot-wide area to about 7 feet bgs to install lagging in the northern part of Sackett Place. Excavated material consisted of historic fill.           <ul style="list-style-type: none"> <li>○ Excavated historic fill was screened for odor, staining, and organic vapors using a PID. Petroleum-like impacts including petroleum-like odor, black staining, and a maximum PID reading of 15.6 parts per million (ppm) were observed. Odor suppressant foam was applied as needed to mitigate odors during excavation and stockpiling.</li> <li>○ The petroleum-impacted historic fill was temporarily backfilled into the excavation of origin pending future re-excavation and off-site disposal.</li> </ul> </li> <li>• Kingdom excavated an about 10-foot-long by 6-foot-wide area to about 4 feet bgs to pre-clear subsurface obstructions in the northern part of Sackett Place. Excavated material consisted of historic fill and construction and demolition (C&amp;D) debris.           <ul style="list-style-type: none"> <li>○ Excavated historic fill was screened for odor, staining, and organic vapors using a PID. Petroleum-like impacts including petroleum-like odor, black staining, and a maximum PID reading of 1.3 ppm were observed. Odor suppressant foam was applied as needed to mitigate odors during excavation and stockpiling.</li> </ul> </li> </ul>						
Cc:	J. Hayes, M. Burke, P. Farnham, E. Adkins, A. Nesci	By:	Audrey Seery and Brian Kenneally <b>Langan, D.P.C.</b>			

- The petroleum-impacted historic fill was temporarily backfilled into the excavation of origin pending future excavation and off-site disposal.
- Excavated C&D debris was stockpiled in the southern part of Sackett Place pending future off-site disposal.
- Kingdom installed lagging for support of excavation (SOE) system in the southern part of Society Brooklyn and the northern part of Sackett Place.
- Kingdom installed soldier piles 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 89 feet bgs. Drilling spoils were screened for odor, staining, and organic vapors using a PID. No evidence of impacts was observed.
  - The drilling spoils were added to existing stockpiles in the northeastern part of Society Brooklyn on top of and covered with polyethylene sheeting pending future 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 two 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 points and from about 7 to 22 feet bgs at the high concentration injection point.
  - The injectate consisted of PetroFix (a finely ground powdered activated carbon from Regensis), water, and an electron acceptor blend. The solution was continuously injected in 4-foot intervals into injection points IP02\_HC, IP25\_LC, and IP38\_LC.
- Langan gauged and collected water quality parameters from off-site monitoring well MW27. No light non-aqueous phase liquid (LNAPL) was identified.

### Import and Export Tracking

- No material was exported from the site.
- No material was imported to the site.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
<b>Bayshore Soil Management</b> <b>Keasbey, NJ</b> <b>Non-Hazardous Soil/Fill</b>	No. Loads	0	<b>289</b>
	Quantity (CY)	0	<b>5,780</b>
<b>Bayshore Soil Management</b> <b>Keasbey, NJ</b> <b>Non-Hazardous MGP-Impacted Soil/Fill</b>	No. Loads	0	<b>79</b>
	Quantity (CY)	0	<b>1,580</b>

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

### Sampling

- No samples were collected.

### Community Air Monitoring

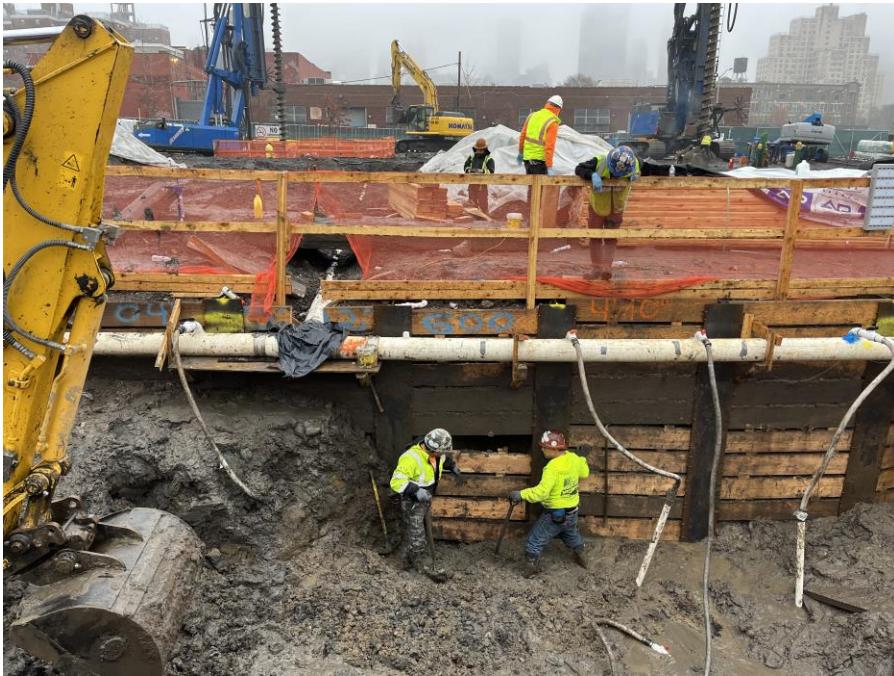
- Langan conducted real-time air monitoring for volatile organic compounds (VOC) and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established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

### Anticipated Activities

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

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**Site Photographs:**



**Photo 1:** Kingdom installing lagging in the southern part of Society Brooklyn (facing northeast)

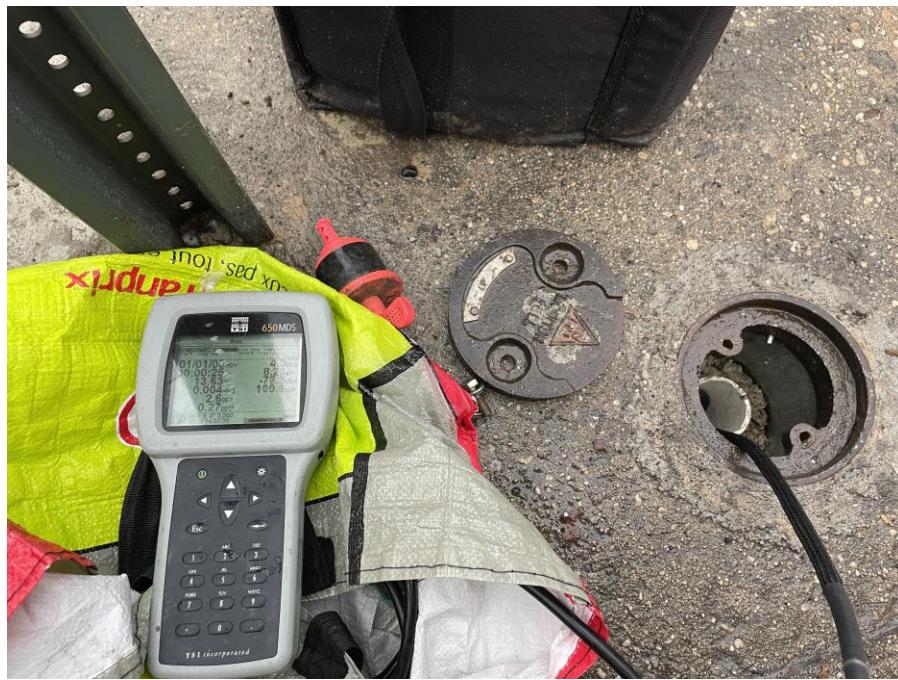


**Photo 2:** Kingdom installing foundation piles in the northern part of Society Brooklyn (facing north)

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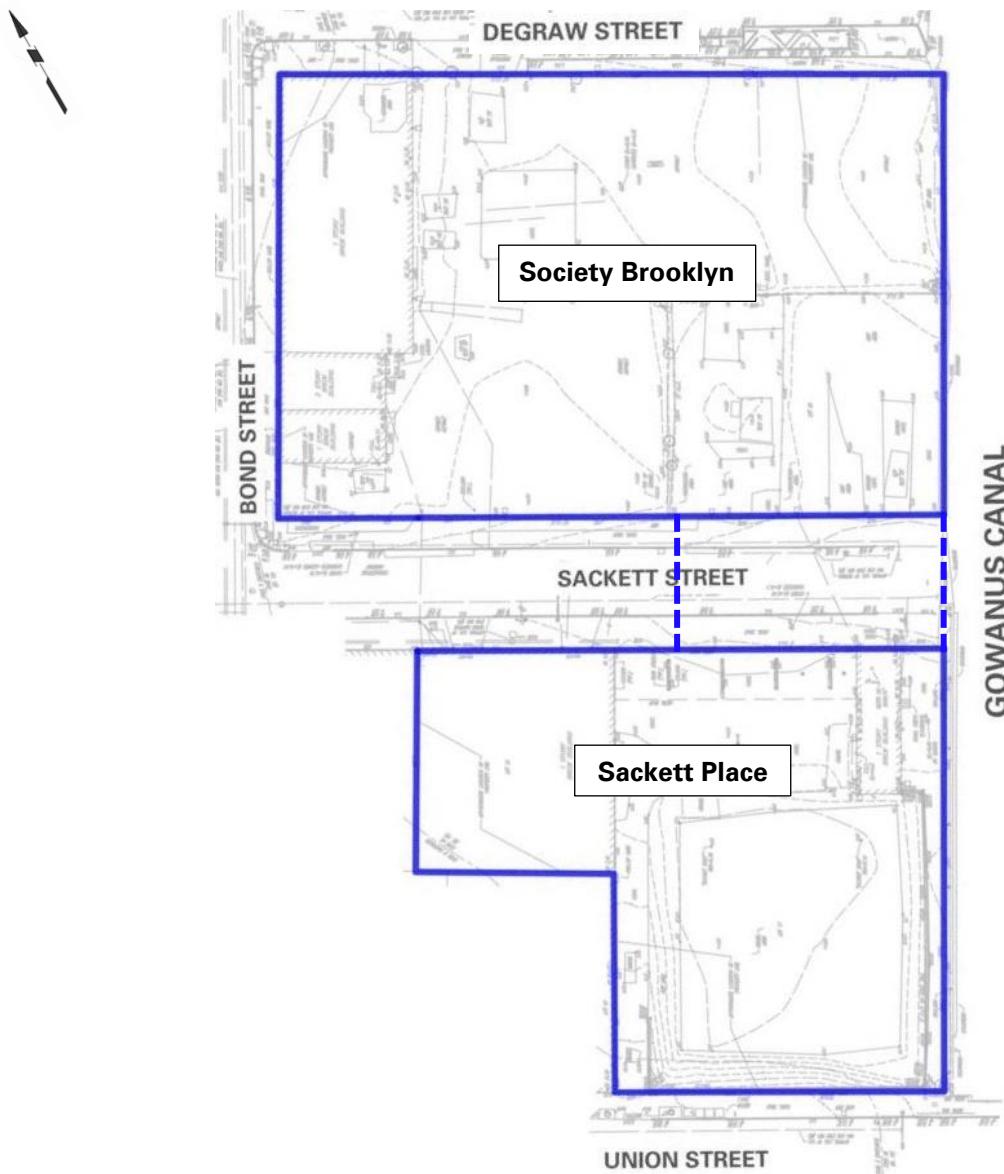
**Photo 3:** Lakewood Environmental implementing in-situ groundwater remediation via direct-push remedial injections in the western part of Society Brooklyn (facing east)



**Photo 4:** Langan collecting groundwater parameters from off-site monitoring well MW27

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**Site Map 1:**



**Legend**

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

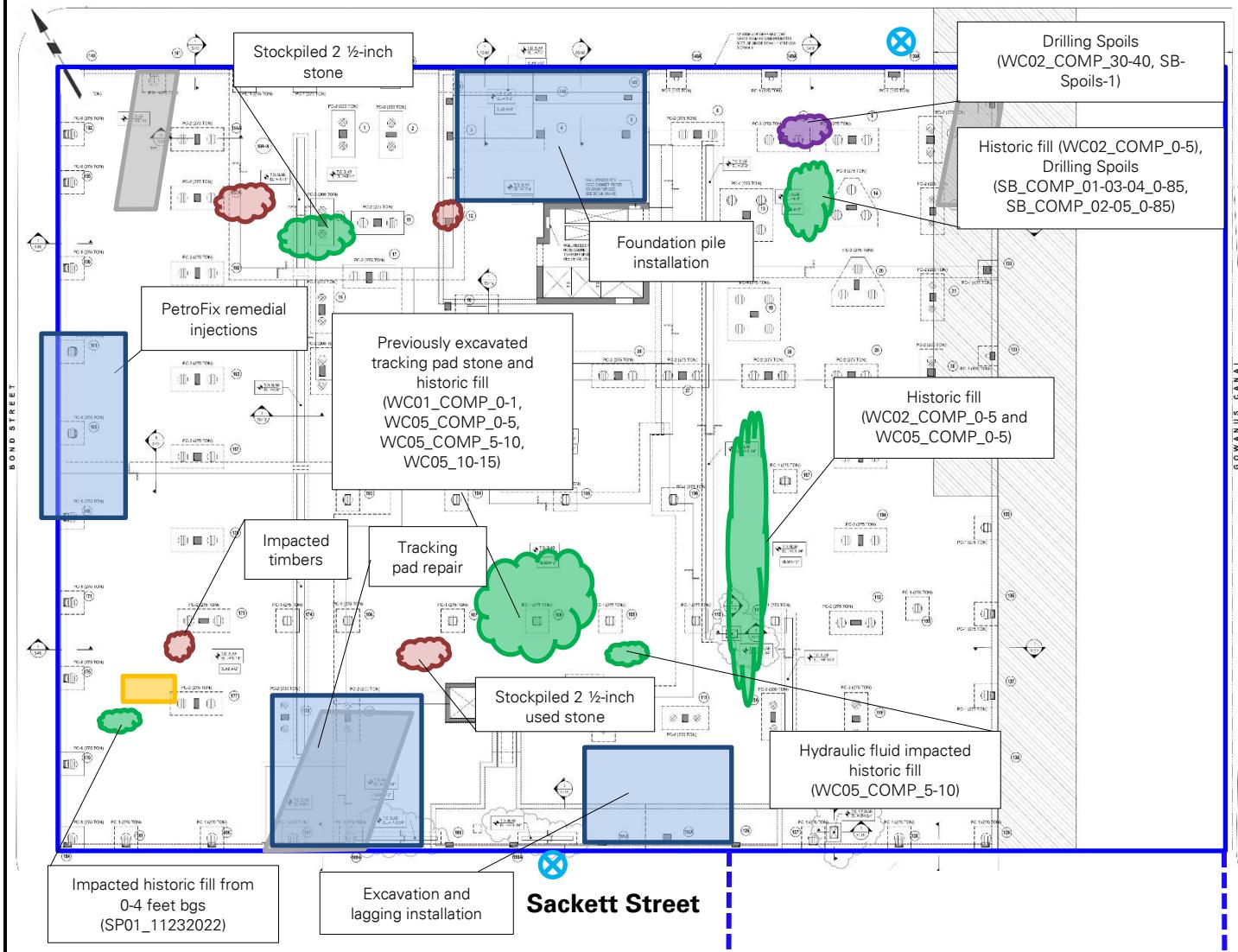
**Notes**

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).

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## 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:

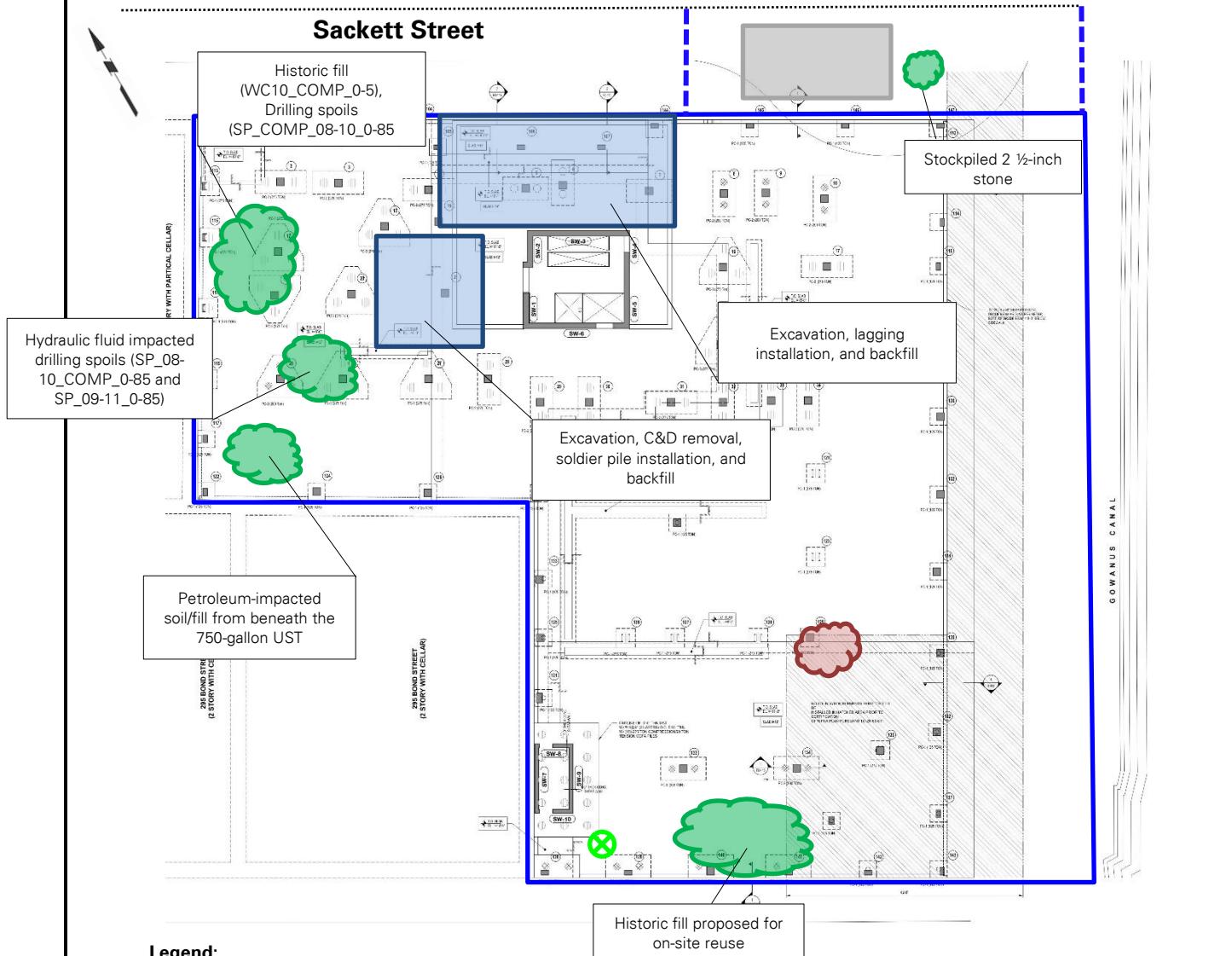
- |       |  |   |   |
|-------|--|---|---|
| —     | Approximate site boundary                    | ● | Approximate soil/fill stockpile location                    |
| - - - | Approximate construction fence boundary      | ● | Approximate MGP-impacted stockpile location                 |
| ●     | Upwind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

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**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 |   |   |

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**Langan, D.P.C.**



# DAILY AIR MONITORING REPORT

## Gowanus Canal Northside

### 267 Bond Street, Brooklyn, New York

12/07/22

Project number: 170295301

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Rev. No. 0

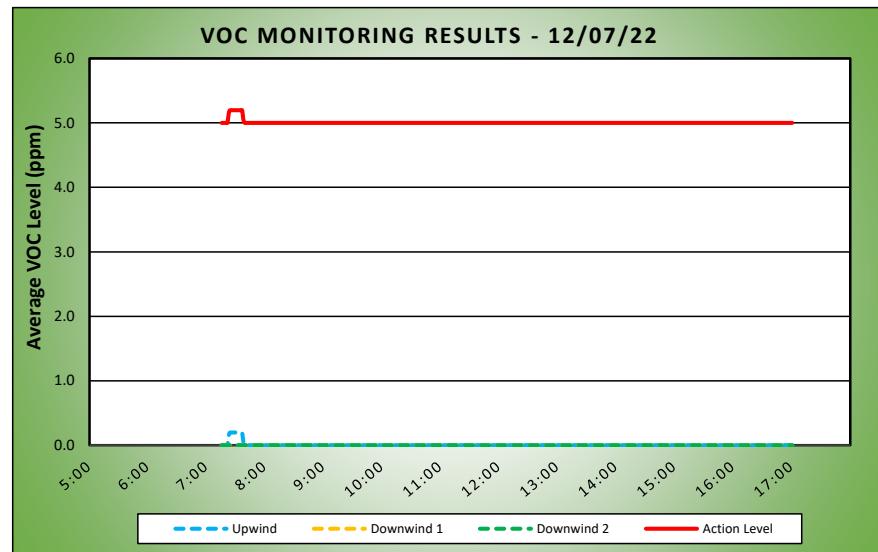
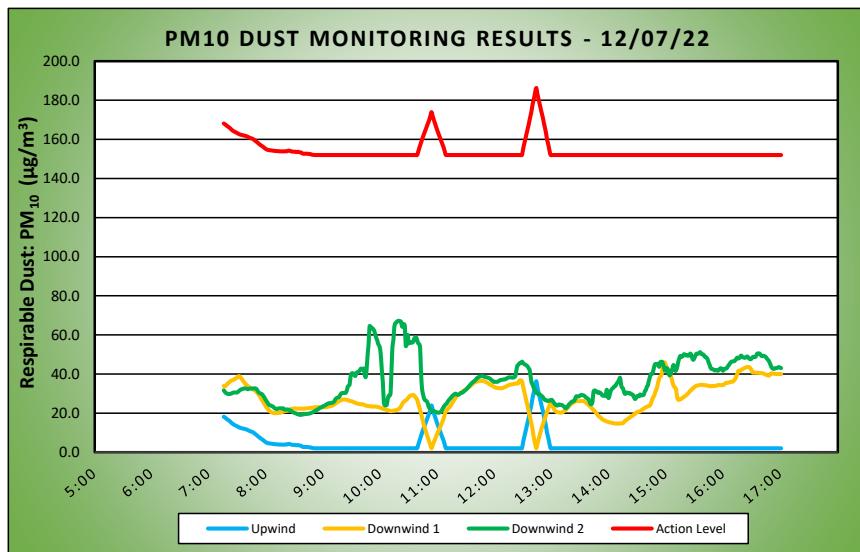
Submitted By:

Dust Action Level 150 µg/m³

TVOC Action Level 5 ppm

Weather Data Range for Work Day		Wind Direction	SSW	Relative Humidity (%)	0.0 - 0.0	Daily Rain (in)	0.04	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	55.0 - 59.0	Wind Speed (MPH)	1.1 - 2.9	Barometer (inHg)	0.00 - 0.00			

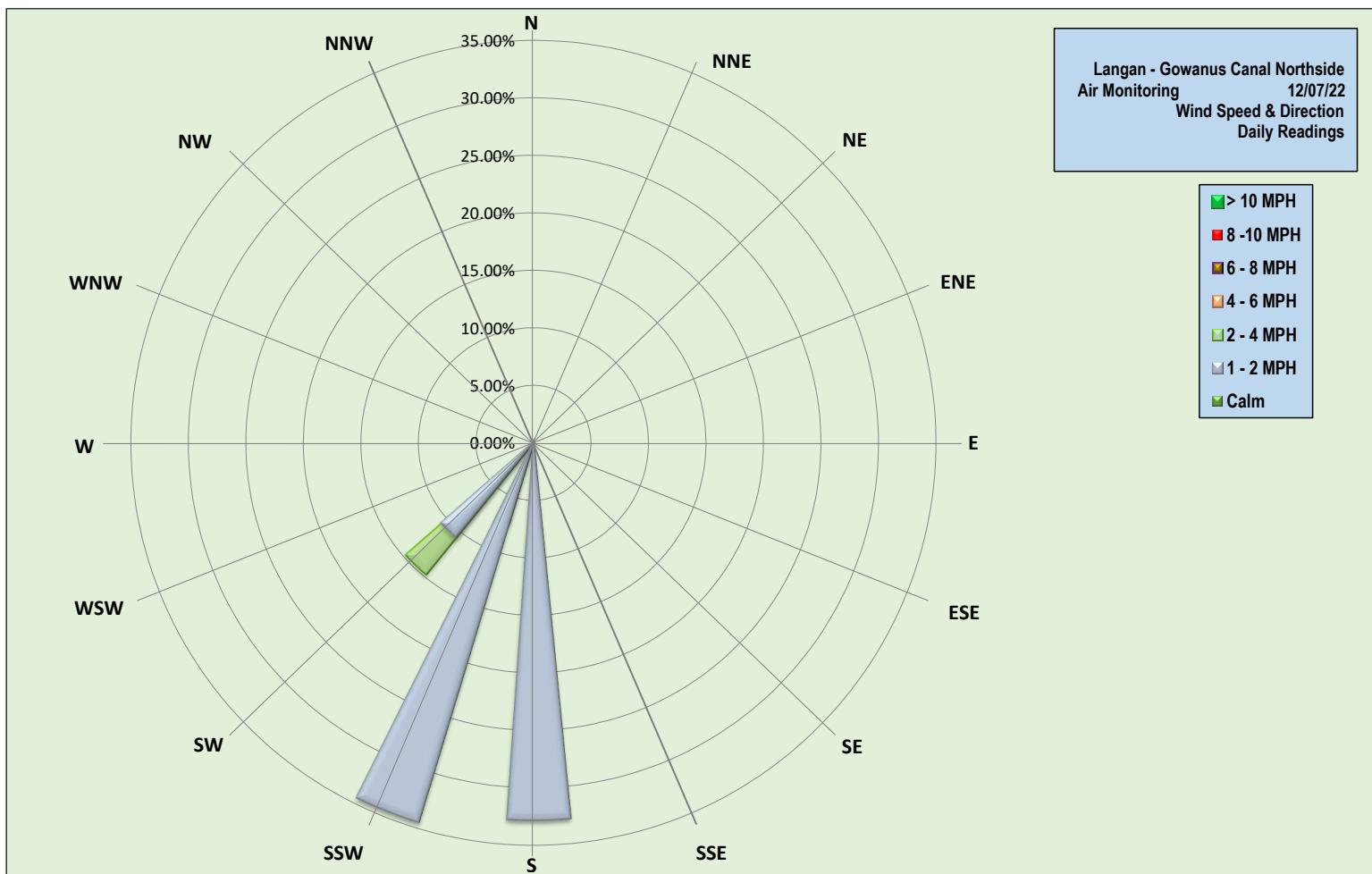
Station Location Area	Work	Daily Avg. Dust Concentration ( $\mu\text{g}/\text{m}^3$ )	Max 15 Min Dust Concentration ( $\mu\text{g}/\text{m}^3$ )	Time of Maximum 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind		4.5	36.3	12:44	0.0	0.2	7:25
Downwind 1		27.4	46.0	14:58	0.0	0.0	7:16
Downwind 2		36.1	67.2	10:20	0.0	0.0	7:16



Air Monitoring Notes:

Sampling Notes:

Weather Notes:



Wednesday, December 7, 2022									
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 = 0									
Number of Comparable Data Points = 590									
Start Time: 7:01									
End Time: 17:05									
PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
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)	
7:01	20.0	-	7:01	36.0	-	7:01	37.0	-	-
7:02	20.0	-	7:02	34.3	-	7:02	36.8	-	-
7:03	20.0	-	7:03	33.8	-	7:03	35.0	-	-
7:04	19.0	-	7:04	33.8	-	7:04	32.5	-	-
7:05	18.3	-	7:05	34.8	-	7:05	32.3	-	-
7:06	18.0	-	7:06	36.5	-	7:06	32.0	-	-
7:07	18.0	-	7:07	35.8	-	7:07	31.3	-	-
7:08	19.5	-	7:08	35.3	-	7:08	31.3	-	-
7:09	20.8	-	7:09	36.0	-	7:09	30.5	-	-
7:10	18.5	-	7:10	36.0	-	7:10	29.3	-	-
7:11	18.0	-	7:11	36.3	-	7:11	29.0	-	-
7:12	18.0	-	7:12	32.5	-	7:12	30.0	-	-
7:13	17.0	-	7:13	32.8	-	7:13	30.5	-	-
7:14	16.8	-	7:14	32.3	-	7:14	33.0	-	-
7:15	15.5	-	7:15	29.3	-	7:15	33.8	-	-
7:16	15.0	18.2	7:16	29.5	33.9	7:16	27.8	31.7	-
7:17	14.8	17.8	7:17	31.3	33.7	7:17	26.0	30.9	-
7:18	14.3	17.4	7:18	37.5	34.0	7:18	26.8	30.4	-
7:19	13.0	17.0	7:19	42.3	34.5	7:19	27.5	30.1	-
7:20	13.0	16.7	7:20	42.5	35.0	7:20	29.8	29.9	-
7:21	13.0	16.3	7:21	43.5	35.5	7:21	30.5	29.8	-
7:22	12.5	16.0	7:22	41.3	35.9	7:22	31.3	29.8	-
7:23	12.8	15.5	7:23	42.0	36.3	7:23	32.8	29.9	-
7:24	13.0	15.0	7:24	41.0	36.7	7:24	32.8	30.0	-
7:25	13.0	14.6	7:25	38.5	36.8	7:25	33.0	30.3	-
7:26	13.0	14.3	7:26	38.5	37.0	7:26	32.3	30.5	-
7:27	13.0	14.0	7:27	38.0	37.3	7:27	30.5	30.5	-
7:28	13.5	13.7	7:28	36.5	37.6	7:28	31.0	30.6	-
7:29	13.3	13.5	7:29	36.5	37.9	7:29	32.3	30.5	-
7:30	11.5	13.2	7:30	36.0	38.3	7:30	34.0	30.5	-
7:31	11.0	13.0	7:31	35.3	38.7	7:31	33.8	30.9	-
7:32	11.0	12.7	7:32	34.3	38.9	7:32	32.3	31.4	-
7:33	11.0	12.5	7:33	33.0	38.6	7:33	32.3	31.7	-
7:34	11.0	12.4	7:34	33.0	38.0	7:34	33.0	32.1	-
7:35	11.0	12.2	7:35	33.0	37.4	7:35	32.3	32.3	-
7:36	11.0	12.1	7:36	32.5	36.6	7:36	32.5	32.4	-
7:37	11.0	12.0	7:37	32.0	36.0	7:37	34.0	32.6	-
7:38	11.0	11.9	7:38	32.0	35.3	7:38	33.8	32.6	-
7:39	11.0	11.8	7:39	32.0	34.7	7:39	32.5	32.6	-
7:40	10.3	11.6	7:40	32.8	34.4	7:40	31.0	32.5	-
7:41	9.8	11.4	7:41	32.3	33.9	7:41	28.0	32.2	-
7:42	9.3	11.1	7:42	32.3	33.6	7:42	32.8	32.4	-
7:43	10.0	10.9	7:43	32.0	33.3	7:43	33.0	32.5	-
7:44	10.0	10.7	7:44	32.0	33.0	7:44	33.5	32.6	-
7:45	9.8	10.5	7:45	32.0	32.7	7:45	33.8	32.6	-
7:46	7.8	10.3	7:46	32.0	32.5	7:46	33.5	32.5	-
7:47	7.0	10.1	7:47	29.8	32.2	7:47	33.0	32.6	-
7:48	5.8	9.7	7:48	26.0	31.7	7:48	33.8	32.7	-
7:49	5.0	9.3	7:49	28.8	31.4	7:49	32.5	32.7	-
7:50	5.0	8.9	7:50	26.5	31.0	7:50	29.0	32.4	-
7:51	5.0	8.5	7:51	23.8	30.4	7:51	22.8	31.8	-
7:52	5.0	8.1	7:52	23.3	29.8	7:52	22.0	31.0	-
7:53	5.0	7.7	7:53	22.5	29.2	7:53	25.0	30.4	-
7:54	5.0	7.3	7:54	21.0	28.5	7:54	29.3	30.2	-
7:55	4.8	6.9	7:55	20.0	27.6	7:55	26.5	29.9	-
7:56	5.0	6.6	7:56	20.0	26.8	7:56	25.3	29.7	-
7:57	4.5	6.3	7:57	20.0	26.0	7:57	23.5	29.1	-
7:58	4.0	5.9	7:58	20.0	25.2	7:58	22.0	28.4	-
7:59	4.0	5.5	7:59	20.0	24.4	7:59	22.0	27.6	-
8:00	4.0	5.1	8:00	20.0	23.6	8:00	20.5	26.7	-
8:01	4.0	4.9	8:01	20.0	22.8	8:01	22.8	26.0	-
8:02	4.0	4.7	8:02	20.0	22.1	8:02	22.0	25.3	-
8:03	4.0	4.6	8:03	20.0	21.7	8:03	21.5	24.4	-
8:04	4.0	4.5	8:04	20.0	21.1	8:04	26.5	24.0	-
8:05	4.0	4.4	8:05	20.0	20.7	8:05	27.0	23.9	-
8:06	4.0	4.4	8:06	20.0	20.5	8:06	20.0	23.7	-
8:07	4.0	4.3	8:07	20.0	20.2	8:07	19.0	23.5	-
8:08	4.0	4.2	8:08	20.0	20.1	8:08	19.5	23.2	-
8:09	4.0	4.2	8:09	20.0	20.0	8:09	21.8	22.7	-
8:10	4.0	4.1	8:10	20.0	20.0	8:10	21.8	22.3	-

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)
8:11	4.0	4.0	8:11	20.0	20.0	8:11	22.0	22.1
8:12	4.0	4.0	8:12	20.8	20.1	8:12	22.8	22.1
8:13	4.0	4.0	8:13	20.8	20.1	8:13	26.3	22.4
8:14	3.0	3.9	8:14	20.5	20.1	8:14	22.8	22.4
8:15	3.3	3.9	8:15	21.0	20.2	8:15	21.5	22.5
8:16	4.0	3.9	8:16	22.0	20.3	8:16	22.0	22.4
8:17	4.0	3.9	8:17	23.0	20.5	8:17	21.3	22.4
8:18	4.0	3.9	8:18	22.5	20.7	8:18	23.5	22.5
8:19	3.3	3.8	8:19	22.0	20.8	8:19	21.0	22.1
8:20	5.3	3.9	8:20	22.0	21.0	8:20	21.0	21.7
8:21	4.8	4.0	8:21	22.0	21.1	8:21	20.8	21.8
8:22	3.3	3.9	8:22	22.0	21.2	8:22	20.0	21.9
8:23	6.8	4.1	8:23	22.3	21.4	8:23	19.3	21.8
8:24	6.3	4.3	8:24	23.0	21.6	8:24	19.5	21.7
8:25	2.5	4.2	8:25	23.0	21.8	8:25	19.0	21.5
8:26	2.0	4.0	8:26	23.0	22.0	8:26	19.0	21.3
8:27	2.0	3.9	8:27	22.8	22.1	8:27	19.0	21.1
8:28	2.0	3.8	8:28	22.0	22.2	8:28	19.0	20.6
8:29	2.5	3.7	8:29	22.3	22.3	8:29	19.0	20.3
8:30	2.8	3.7	8:30	22.0	22.4	8:30	19.0	20.2
8:31	4.0	3.7	8:31	22.0	22.4	8:31	19.0	20.0
8:32	1.5	3.5	8:32	22.0	22.3	8:32	19.0	19.8
8:33	5.5	3.6	8:33	22.0	22.3	8:33	19.0	19.5
8:34	3.5	3.6	8:34	22.0	22.3	8:34	19.0	19.4
8:35	3.0	3.5	8:35	22.0	22.3	8:35	19.0	19.2
8:36	3.0	3.4	8:36	22.0	22.3	8:36	19.0	19.1
8:37	2.3	3.3	8:37	22.0	22.3	8:37	19.8	19.1
8:38	2.0	3.0	8:38	22.0	22.3	8:38	21.0	19.2
8:39	2.0	2.7	8:39	22.5	22.2	8:39	21.0	19.3
8:40	2.0	2.7	8:40	23.8	22.3	8:40	20.3	19.4
8:41	2.0	2.7	8:41	23.5	22.3	8:41	20.3	19.5
8:42	2.0	2.7	8:42	23.0	22.3	8:42	20.0	19.6
8:43	2.0	2.7	8:43	23.0	22.4	8:43	19.3	19.6
8:44	2.0	2.6	8:44	23.0	22.5	8:44	20.0	19.6
8:45	2.0	2.6	8:45	23.0	22.5	8:45	20.0	19.7
8:46	2.0	2.5	8:46	23.0	22.6	8:46	20.3	19.8
8:47	2.0	2.5	8:47	22.8	22.6	8:47	21.5	20.0
8:48	2.0	2.3	8:48	23.0	22.7	8:48	22.0	20.2
8:49	2.0	2.2	8:49	23.0	22.8	8:49	22.0	20.4
8:50	2.0	2.1	8:50	23.0	22.8	8:50	23.0	20.6
8:51	2.0	2.0	8:51	23.0	22.9	8:51	23.5	20.9
8:52	2.0	2.0	8:52	23.0	23.0	8:52	24.0	21.2
8:53	2.0	2.0	8:53	23.0	23.0	8:53	24.8	21.5
8:54	2.0	2.0	8:54	23.0	23.1	8:54	24.8	21.7
8:55	2.0	2.0	8:55	23.0	23.0	8:55	25.0	22.0
8:56	2.0	2.0	8:56	23.0	23.0	8:56	26.0	22.4
8:57	2.0	2.0	8:57	23.0	23.0	8:57	23.8	22.7
8:58	2.0	2.0	8:58	23.0	23.0	8:58	23.0	22.9
8:59	2.0	2.0	8:59	23.0	23.0	8:59	23.8	23.2
9:00	2.0	2.0	9:00	23.0	23.0	9:00	24.0	23.4
9:01	2.0	2.0	9:01	23.0	23.0	9:01	24.5	23.7
9:02	2.0	2.0	9:02	23.3	23.0	9:02	24.5	23.9
9:03	2.0	2.0	9:03	24.0	23.1	9:03	25.5	24.1
9:04	2.0	2.0	9:04	24.0	23.2	9:04	27.8	24.5
9:05	2.0	2.0	9:05	24.0	23.2	9:05	27.0	24.8
9:06	2.0	2.0	9:06	24.5	23.3	9:06	26.0	25.0
9:07	2.0	2.0	9:07	25.0	23.5	9:07	26.0	25.1
9:08	2.0	2.0	9:08	25.0	23.6	9:08	26.0	25.2
9:09	2.0	2.0	9:09	25.0	23.7	9:09	25.5	25.2
9:10	2.0	2.0	9:10	25.0	23.9	9:10	27.3	25.4
9:11	2.0	2.0	9:11	26.3	24.1	9:11	29.0	25.6
9:12	2.0	2.0	9:12	28.3	24.4	9:12	31.3	26.1
9:13	2.0	2.0	9:13	29.5	24.9	9:13	37.0	27.0
9:14	2.0	2.0	9:14	27.3	25.1	9:14	31.8	27.5
9:15	2.0	2.0	9:15	28.5	25.5	9:15	28.8	27.9
9:16	2.0	2.0	9:16	28.5	25.9	9:16	26.8	28.0
9:17	2.0	2.0	9:17	27.0	26.1	9:17	28.3	28.3
9:18	2.0	2.0	9:18	27.5	26.4	9:18	37.8	29.1
9:19	2.0	2.0	9:19	27.3	26.6	9:19	40.8	29.9
9:20	2.0	2.0	9:20	27.3	26.8	9:20	31.3	30.2
9:21	2.0	2.0	9:21	26.8	26.9	9:21	26.8	30.3
9:22	2.0	2.0	9:22	25.8	27.0	9:22	26.0	30.3
9:23	2.0	2.0	9:23	24.5	27.0	9:23	27.0	30.3
9:24	2.0	2.0	9:24	24.3	26.9	9:24	27.0	30.4
9:25	2.0	2.0	9:25	23.5	26.8	9:25	41.8	31.4
9:26	2.0	2.0	9:26	24.0	26.7	9:26	57.5	33.3

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)
9:27	2.0	2.0	9:27	25.0	26.4	9:27	41.8	34.0
9:28	2.0	2.0	9:28	26.5	26.2	9:28	44.5	34.5
9:29	2.0	2.0	9:29	26.5	26.2	9:29	88.5	38.3
9:30	2.0	2.0	9:30	27.3	26.1	9:30	58.3	40.3
9:31	2.0	2.0	9:31	25.5	25.9	9:31	29.0	40.4
9:32	2.0	2.0	9:32	24.0	25.7	9:32	26.8	40.3
9:33	2.0	2.0	9:33	24.3	25.5	9:33	27.5	39.6
9:34	2.0	2.0	9:34	24.5	25.3	9:34	30.5	38.9
9:35	2.0	2.0	9:35	23.8	25.1	9:35	50.5	40.2
9:36	2.0	2.0	9:36	24.0	24.9	9:36	37.5	40.9
9:37	2.0	2.0	9:37	24.0	24.8	9:37	26.8	41.0
9:38	2.0	2.0	9:38	23.3	24.7	9:38	33.5	41.4
9:39	2.0	2.0	9:39	22.0	24.5	9:39	36.5	42.1
9:40	2.0	2.0	9:40	23.5	24.5	9:40	53.3	42.8
9:41	2.0	2.0	9:41	24.0	24.5	9:41	51.5	42.4
9:42	2.0	2.0	9:42	24.0	24.5	9:42	42.3	42.5
9:43	2.0	2.0	9:43	23.3	24.3	9:43	49.0	42.8
9:44	2.0	2.0	9:44	24.0	24.1	9:44	37.0	39.3
9:45	2.0	2.0	9:45	24.0	23.9	9:45	45.3	38.5
9:46	2.0	2.0	9:46	23.5	23.7	9:46	97.8	43.0
9:47	2.0	2.0	9:47	23.3	23.7	9:47	133.5	50.2
9:48	2.0	2.0	9:48	23.8	23.7	9:48	105.8	55.4
9:49	2.0	2.0	9:49	22.5	23.5	9:49	167.3	64.5
9:50	2.0	2.0	9:50	22.8	23.5	9:50	47.8	64.3
9:51	2.0	2.0	9:51	23.0	23.4	9:51	25.8	63.5
9:52	2.0	2.0	9:52	23.0	23.3	9:52	25.0	63.4
9:53	2.0	2.0	9:53	23.8	23.4	9:53	24.5	62.8
9:54	2.0	2.0	9:54	23.0	23.4	9:54	24.3	62.0
9:55	2.0	2.0	9:55	23.0	23.4	9:55	24.8	60.1
9:56	2.0	2.0	9:56	23.0	23.3	9:56	27.3	58.5
9:57	2.0	2.0	9:57	22.5	23.2	9:57	24.5	57.3
9:58	2.0	2.0	9:58	22.0	23.1	9:58	22.0	55.5
9:59	2.0	2.0	9:59	22.0	23.0	9:59	23.0	54.6
10:00	2.0	2.0	10:00	21.0	22.8	10:00	22.0	53.0
10:01	2.0	2.0	10:01	21.0	22.6	10:01	27.5	48.3
10:02	2.0	2.0	10:02	21.0	22.5	10:02	24.5	41.1
10:03	2.0	2.0	10:03	20.0	22.2	10:03	19.8	35.3
10:04	2.0	2.0	10:04	20.0	22.1	10:04	20.8	25.6
10:05	2.0	2.0	10:05	20.5	21.9	10:05	24.0	24.0
10:06	2.0	2.0	10:06	21.3	21.8	10:06	27.3	24.1
10:07	2.0	2.0	10:07	21.0	21.7	10:07	25.8	24.1
10:08	2.0	2.0	10:08	21.0	21.5	10:08	66.5	26.9
10:09	2.0	2.0	10:09	21.0	21.4	10:09	52.8	28.8
10:10	2.0	2.0	10:10	20.3	21.2	10:10	26.3	28.9
10:11	2.0	2.0	10:11	20.8	21.0	10:11	43.0	30.0
10:12	2.0	2.0	10:12	22.5	21.0	10:12	198.3	41.6
10:13	2.0	2.0	10:13	24.3	21.2	10:13	205.0	53.8
10:14	2.0	2.0	10:14	23.0	21.2	10:14	75.0	57.2
10:15	2.0	2.0	10:15	22.0	21.3	10:15	128.0	64.3
10:16	2.0	2.0	10:16	22.3	21.4	10:16	51.8	65.9
10:17	2.0	2.0	10:17	23.0	21.5	10:17	30.5	66.3
10:18	2.0	2.0	10:18	23.0	21.7	10:18	28.8	66.9
10:19	2.0	2.0	10:19	23.0	21.9	10:19	24.3	67.1
10:20	2.0	2.0	10:20	25.0	22.2	10:20	25.0	67.2
10:21	2.0	2.0	10:21	28.5	22.7	10:21	23.8	67.0
10:22	2.0	2.0	10:22	32.5	23.5	10:22	23.0	66.8
10:23	2.0	2.0	10:23	34.8	24.4	10:23	29.8	64.3
10:24	2.0	2.0	10:24	33.5	25.2	10:24	49.8	64.1
10:25	2.0	2.0	10:25	29.5	25.8	10:25	47.0	65.5
10:26	2.0	2.0	10:26	26.3	26.2	10:26	31.0	64.7
10:27	2.0	2.0	10:27	27.3	26.5	10:27	42.5	54.3
10:28	2.0	2.0	10:28	30.0	26.9	10:28	215.8	55.1
10:29	2.0	2.0	10:29	31.8	27.5	10:29	149.5	60.0
10:30	2.0	2.0	10:30	31.0	28.1	10:30	65.3	55.8
10:31	2.0	2.0	10:31	31.0	28.7	10:31	53.0	55.9
10:32	2.0	2.0	10:32	27.0	28.9	10:32	36.3	56.3
10:33	2.0	2.0	10:33	24.8	29.1	10:33	25.5	56.1
10:34	2.0	2.0	10:34	26.5	29.3	10:34	24.8	56.1
10:35	2.0	2.0	10:35	24.5	29.3	10:35	34.0	56.7
10:36	2.0	2.0	10:36	23.0	28.9	10:36	46.0	58.2
10:37	2.0	2.0	10:37	23.0	28.3	10:37	29.5	58.6
10:38	2.0	2.0	10:38	23.3	27.5	10:38	29.5	58.6
10:39	2.0	2.0	10:39	24.0	26.9	10:39	30.3	57.3
10:40	26.5	3.6	10:40	2.0	25.0	10:40	24.0	55.8
10:41	26.3	5.3	10:41	2.0	23.4	10:41	23.8	55.3
10:42	25.5	6.8	10:42	2.0	21.7	10:42	23.0	54.0

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)
10:43	23.8	8.3	10:43	2.0	19.9	10:43	23.0	41.2
10:44	24.8	9.8	10:44	2.0	17.9	10:44	23.5	32.8
10:45	23.8	11.2	10:45	2.0	15.9	10:45	23.0	29.9
10:46	22.3	12.6	10:46	2.0	14.0	10:46	21.5	27.8
10:47	22.0	13.9	10:47	2.0	12.3	10:47	20.8	26.8
10:48	21.3	15.2	10:48	2.0	10.8	10:48	19.5	26.4
10:49	21.8	16.5	10:49	2.0	9.2	10:49	19.0	26.0
10:50	22.0	17.9	10:50	2.0	7.7	10:50	19.5	25.1
10:51	21.3	19.1	10:51	2.0	6.3	10:51	19.3	23.3
10:52	23.0	20.5	10:52	2.0	4.9	10:52	19.3	22.6
10:53	27.8	22.3	10:53	2.0	3.5	10:53	20.0	22.0
10:54	27.8	24.0	10:54	2.0	2.0	10:54	20.0	21.3
10:55	2.0	22.3	10:55	19.8	3.2	10:55	21.0	21.1
10:56	2.0	20.7	10:56	21.0	4.5	10:56	22.0	21.0
10:57	2.0	19.2	10:57	21.3	5.7	10:57	21.8	20.9
10:58	2.0	17.7	10:58	21.0	7.0	10:58	20.5	20.7
10:59	2.0	16.2	10:59	20.3	8.2	10:59	20.5	20.5
11:00	2.0	14.7	11:00	20.0	9.4	11:00	20.3	20.3
11:01	2.0	13.4	11:01	18.5	10.5	11:01	19.8	20.2
11:02	2.0	12.1	11:02	18.3	11.6	11:02	21.3	20.2
11:03	2.0	10.8	11:03	19.0	12.7	11:03	23.0	20.5
11:04	2.0	9.5	11:04	18.3	13.8	11:04	21.5	20.6
11:05	2.0	8.1	11:05	19.3	15.0	11:05	33.3	21.6
11:06	2.0	6.8	11:06	22.0	16.3	11:06	33.8	22.5
11:07	2.0	5.4	11:07	23.3	17.7	11:07	30.5	23.3
11:08	2.0	3.7	11:08	25.5	19.3	11:08	30.8	24.0
11:09	2.0	2.0	11:09	27.5	21.0	11:09	27.8	24.5
11:10	2.0	2.0	11:10	28.3	21.6	11:10	28.3	25.0
11:11	2.0	2.0	11:11	28.8	22.1	11:11	34.5	25.8
11:12	2.0	2.0	11:12	28.5	22.6	11:12	31.8	26.5
11:13	2.0	2.0	11:13	29.3	23.1	11:13	29.5	27.1
11:14	2.0	2.0	11:14	30.0	23.8	11:14	29.0	27.7
11:15	2.0	2.0	11:15	30.8	24.5	11:15	29.0	28.2
11:16	2.0	2.0	11:16	31.0	25.3	11:16	28.8	28.8
11:17	2.0	2.0	11:17	30.3	26.1	11:17	27.3	29.2
11:18	2.0	2.0	11:18	30.0	26.8	11:18	27.5	29.5
11:19	2.0	2.0	11:19	30.0	27.6	11:19	28.0	30.0
11:20	2.0	2.0	11:20	30.0	28.3	11:20	29.0	29.7
11:21	2.0	2.0	11:21	30.0	28.9	11:21	29.3	29.4
11:22	2.0	2.0	11:22	31.0	29.4	11:22	30.8	29.4
11:23	2.0	2.0	11:23	32.0	29.8	11:23	33.3	29.6
11:24	2.0	2.0	11:24	32.5	30.2	11:24	34.0	30.0
11:25	2.0	2.0	11:25	33.8	30.5	11:25	34.0	30.4
11:26	2.0	2.0	11:26	33.8	30.9	11:26	34.5	30.4
11:27	2.0	2.0	11:27	34.0	31.2	11:27	36.3	30.7
11:28	2.0	2.0	11:28	34.0	31.5	11:28	36.5	31.1
11:29	2.0	2.0	11:29	34.8	31.9	11:29	35.3	31.6
11:30	2.0	2.0	11:30	36.0	32.2	11:30	34.8	31.9
11:31	2.0	2.0	11:31	35.0	32.5	11:31	35.5	32.4
11:32	2.0	2.0	11:32	35.0	32.8	11:32	36.0	33.0
11:33	2.0	2.0	11:33	35.0	33.1	11:33	36.5	33.6
11:34	2.0	2.0	11:34	35.5	33.5	11:34	36.5	34.1
11:35	2.0	2.0	11:35	36.3	33.9	11:35	37.0	34.7
11:36	2.0	2.0	11:36	37.0	34.4	11:36	37.3	35.2
11:37	2.0	2.0	11:37	38.0	34.8	11:37	37.5	35.7
11:38	2.0	2.0	11:38	38.0	35.2	11:38	39.0	36.0
11:39	2.0	2.0	11:39	38.0	35.6	11:39	40.3	36.5
11:40	2.0	2.0	11:40	37.0	35.8	11:40	39.8	36.8
11:41	2.0	2.0	11:41	36.3	36.0	11:41	43.8	37.5
11:42	2.0	2.0	11:42	36.3	36.1	11:42	44.8	38.0
11:43	2.0	2.0	11:43	36.8	36.3	11:43	40.0	38.3
11:44	2.0	2.0	11:44	36.0	36.4	11:44	39.3	38.5
11:45	2.0	2.0	11:45	36.0	36.4	11:45	38.8	38.8
11:46	2.0	2.0	11:46	36.0	36.5	11:46	36.5	38.9
11:47	2.0	2.0	11:47	35.5	36.5	11:47	36.8	38.9
11:48	2.0	2.0	11:48	34.5	36.5	11:48	35.5	38.8
11:49	2.0	2.0	11:49	33.3	36.3	11:49	34.5	38.7
11:50	2.0	2.0	11:50	33.3	36.1	11:50	34.3	38.5
11:51	2.0	2.0	11:51	34.0	35.9	11:51	35.0	38.4
11:52	2.0	2.0	11:52	34.0	35.7	11:52	36.0	38.3
11:53	2.0	2.0	11:53	33.5	35.4	11:53	37.5	38.2
11:54	2.0	2.0	11:54	33.0	35.0	11:54	37.0	38.0
11:55	2.0	2.0	11:55	32.8	34.7	11:55	37.0	37.8
11:56	2.0	2.0	11:56	32.3	34.5	11:56	37.5	37.4
11:57	2.0	2.0	11:57	32.3	34.2	11:57	37.5	36.9
11:58	2.0	2.0	11:58	32.0	33.9	11:58	35.8	36.6

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)
11:59	2.0	2.0	11:59	32.0	33.6	11:59	32.0	36.1
12:00	2.0	2.0	12:00	32.0	33.4	12:00	36.5	36.0
12:01	2.0	2.0	12:01	32.5	33.1	12:01	38.0	36.1
12:02	2.0	2.0	12:02	33.0	33.0	12:02	36.0	36.0
12:03	2.0	2.0	12:03	33.3	32.9	12:03	35.8	36.0
12:04	2.0	2.0	12:04	32.5	32.8	12:04	37.3	36.2
12:05	2.0	2.0	12:05	32.8	32.8	12:05	39.3	36.5
12:06	2.0	2.0	12:06	33.0	32.7	12:06	39.3	36.8
12:07	2.0	2.0	12:07	34.0	32.7	12:07	38.0	37.0
12:08	2.0	2.0	12:08	34.3	32.8	12:08	39.0	37.1
12:09	2.0	2.0	12:09	35.0	32.9	12:09	38.0	37.1
12:10	2.0	2.0	12:10	35.8	33.1	12:10	38.3	37.2
12:11	2.0	2.0	12:11	35.8	33.3	12:11	38.0	37.2
12:12	2.0	2.0	12:12	35.3	33.5	12:12	42.0	37.5
12:13	2.0	2.0	12:13	35.3	33.8	12:13	38.8	37.7
12:14	2.0	2.0	12:14	36.0	34.0	12:14	36.0	38.0
12:15	2.0	2.0	12:15	36.0	34.3	12:15	40.3	38.3
12:16	2.0	2.0	12:16	35.8	34.5	12:16	38.3	38.3
12:17	2.0	2.0	12:17	34.5	34.6	12:17	36.0	38.3
12:18	2.0	2.0	12:18	34.0	34.7	12:18	34.8	38.2
12:19	2.0	2.0	12:19	34.8	34.8	12:19	36.8	38.2
12:20	2.0	2.0	12:20	34.3	34.9	12:20	39.5	38.2
12:21	2.0	2.0	12:21	35.0	35.0	12:21	43.5	38.5
12:22	2.0	2.0	12:22	35.0	35.1	12:22	43.5	38.8
12:23	2.0	2.0	12:23	35.0	35.2	12:23	79.3	41.5
12:24	2.0	2.0	12:24	34.3	35.1	12:24	76.3	44.1
12:25	2.0	2.0	12:25	38.0	35.3	12:25	46.8	44.6
12:26	2.0	2.0	12:26	52.8	36.4	12:26	47.3	45.3
12:27	2.0	2.0	12:27	41.8	36.8	12:27	47.5	45.6
12:28	2.0	2.0	12:28	32.8	36.7	12:28	39.0	45.6
12:29	2.0	2.0	12:29	31.5	36.4	12:29	46.5	46.3
12:30	41.3	4.6	12:30	2.0	34.1	12:30	31.0	45.7
12:31	36.8	6.9	12:31	2.0	31.8	12:31	31.0	45.2
12:32	33.5	9.0	12:32	2.0	29.7	12:32	30.5	44.9
12:33	35.0	11.2	12:33	2.0	27.5	12:33	31.0	44.6
12:34	33.8	13.4	12:34	2.0	25.4	12:34	31.8	44.3
12:35	33.5	15.5	12:35	2.0	23.2	12:35	31.3	43.7
12:36	33.0	17.5	12:36	2.0	21.0	12:36	31.0	42.9
12:37	38.8	20.0	12:37	2.0	18.8	12:37	32.0	42.1
12:38	35.8	22.2	12:38	2.0	16.6	12:38	31.3	38.9
12:39	36.3	24.5	12:39	2.0	14.5	12:39	30.0	35.9
12:40	47.5	27.5	12:40	2.0	12.1	12:40	30.0	34.7
12:41	35.5	29.8	12:41	2.0	8.7	12:41	28.3	33.5
12:42	34.0	31.9	12:42	2.0	6.0	12:42	27.0	32.1
12:43	39.5	34.4	12:43	2.0	4.0	12:43	30.8	31.6
12:44	31.0	36.3	12:44	2.0	2.0	12:44	30.5	30.5
12:45	2.0	33.7	12:45	30.5	3.9	12:45	25.5	30.1
12:46	2.0	31.4	12:46	30.5	5.8	12:46	26.5	29.8
12:47	2.0	29.3	12:47	30.0	7.7	12:47	28.5	29.7
12:48	2.0	27.1	12:48	30.3	9.6	12:48	26.3	29.4
12:49	2.0	25.0	12:49	27.0	11.2	12:49	25.8	29.0
12:50	2.0	22.9	12:50	26.0	12.8	12:50	26.0	28.6
12:51	2.0	20.8	12:51	25.0	14.4	12:51	24.0	28.2
12:52	2.0	18.4	12:52	24.0	15.8	12:52	20.5	27.4
12:53	2.0	16.1	12:53	23.8	17.3	12:53	22.0	26.8
12:54	2.0	13.8	12:54	24.0	18.7	12:54	28.8	26.7
12:55	2.0	10.8	12:55	23.8	20.2	12:55	25.3	26.4
12:56	2.0	8.6	12:56	23.0	21.6	12:56	25.8	26.2
12:57	2.0	6.4	12:57	21.5	22.9	12:57	30.3	26.4
12:58	2.0	3.9	12:58	20.5	24.1	12:58	29.8	26.4
12:59	2.0	2.0	12:59	19.3	25.3	12:59	34.3	26.6
13:00	2.0	2.0	13:00	18.3	24.5	13:00	29.0	26.8
13:01	2.0	2.0	13:01	17.0	23.6	13:01	20.3	26.4
13:02	2.0	2.0	13:02	17.0	22.7	13:02	16.0	25.6
13:03	2.0	2.0	13:03	17.0	21.8	13:03	17.0	25.0
13:04	2.0	2.0	13:04	17.8	21.2	13:04	17.5	24.4
13:05	2.0	2.0	13:05	18.5	20.7	13:05	19.5	24.0
13:06	2.0	2.0	13:06	22.5	20.5	13:06	22.0	23.9
13:07	2.0	2.0	13:07	22.5	20.4	13:07	25.8	24.2
13:08	2.0	2.0	13:08	22.5	20.3	13:08	26.0	24.5
13:09	2.0	2.0	13:09	23.0	20.3	13:09	25.0	24.2
13:10	2.0	2.0	13:10	23.8	20.3	13:10	24.0	24.1
13:11	2.0	2.0	13:11	24.0	20.3	13:11	25.3	24.1
13:12	2.0	2.0	13:12	25.0	20.6	13:12	24.8	23.7
13:13	2.0	2.0	13:13	26.0	20.9	13:13	24.8	23.4
13:14	2.0	2.0	13:14	25.3	21.3	13:14	25.0	22.8

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)
13:15	2.0	2.0	13:15	24.0	21.7	13:15	24.8	22.5
13:16	2.0	2.0	13:16	24.8	22.2	13:16	24.8	22.8
13:17	2.0	2.0	13:17	25.0	22.8	13:17	26.0	23.5
13:18	2.0	2.0	13:18	25.0	23.3	13:18	28.3	24.2
13:19	2.0	2.0	13:19	25.8	23.8	13:19	25.8	24.8
13:20	2.0	2.0	13:20	26.8	24.4	13:20	25.5	25.2
13:21	2.0	2.0	13:21	27.8	24.7	13:21	30.5	25.7
13:22	2.0	2.0	13:22	28.0	25.1	13:22	29.3	26.0
13:23	2.0	2.0	13:23	27.8	25.5	13:23	28.3	26.1
13:24	2.0	2.0	13:24	27.0	25.7	13:24	29.8	26.4
13:25	2.0	2.0	13:25	27.0	25.9	13:25	41.8	27.6
13:26	2.0	2.0	13:26	26.3	26.1	13:26	39.5	28.6
13:27	2.0	2.0	13:27	26.0	26.2	13:27	25.5	28.6
13:28	2.0	2.0	13:28	25.5	26.1	13:28	23.5	28.5
13:29	2.0	2.0	13:29	25.0	26.1	13:29	26.0	28.6
13:30	2.0	2.0	13:30	25.0	26.2	13:30	30.5	29.0
13:31	2.0	2.0	13:31	25.0	26.2	13:31	29.0	29.3
13:32	2.0	2.0	13:32	25.0	26.2	13:32	26.8	29.3
13:33	2.0	2.0	13:33	25.0	26.2	13:33	25.0	29.1
13:34	2.0	2.0	13:34	24.5	26.1	13:34	23.0	28.9
13:35	2.0	2.0	13:35	23.0	25.9	13:35	20.8	28.6
13:36	2.0	2.0	13:36	20.3	25.4	13:36	22.5	28.1
13:37	2.0	2.0	13:37	21.3	24.9	13:37	24.0	27.7
13:38	2.0	2.0	13:38	22.0	24.5	13:38	23.3	27.4
13:39	2.0	2.0	13:39	21.0	24.1	13:39	23.3	27.0
13:40	2.0	2.0	13:40	19.5	23.6	13:40	21.5	25.6
13:41	2.0	2.0	13:41	19.0	23.1	13:41	24.3	24.6
13:42	2.0	2.0	13:42	19.0	22.7	13:42	25.8	24.6
13:43	2.0	2.0	13:43	18.0	22.2	13:43	40.8	25.8
13:44	2.0	2.0	13:44	17.5	21.7	13:44	101.8	30.8
13:45	2.0	2.0	13:45	17.0	21.1	13:45	42.3	31.6
13:46	2.0	2.0	13:46	17.0	20.6	13:46	27.0	31.5
13:47	2.0	2.0	13:47	15.5	20.0	13:47	22.3	31.2
13:48	2.0	2.0	13:48	15.0	19.3	13:48	17.5	30.7
13:49	2.0	2.0	13:49	15.5	18.7	13:49	18.5	30.4
13:50	2.0	2.0	13:50	16.0	18.2	13:50	25.5	30.7
13:51	2.0	2.0	13:51	16.0	18.0	13:51	18.8	30.4
13:52	2.0	2.0	13:52	14.5	17.5	13:52	16.8	29.9
13:53	2.0	2.0	13:53	14.0	17.0	13:53	13.3	29.3
13:54	2.0	2.0	13:54	15.0	16.6	13:54	17.3	28.9
13:55	2.0	2.0	13:55	16.3	16.4	13:55	23.0	29.0
13:56	2.0	2.0	13:56	16.0	16.2	13:56	22.5	28.9
13:57	2.0	2.0	13:57	15.0	15.9	13:57	27.5	29.0
13:58	2.0	2.0	13:58	15.5	15.7	13:58	86.0	32.0
13:59	2.0	2.0	13:59	15.3	15.6	13:59	50.5	28.6
14:00	2.0	2.0	14:00	15.0	15.4	14:00	29.0	27.7
14:01	2.0	2.0	14:01	14.0	15.2	14:01	50.3	29.2
14:02	2.0	2.0	14:02	14.0	15.1	14:02	51.5	31.2
14:03	2.0	2.0	14:03	14.0	15.1	14:03	30.5	32.1
14:04	2.0	2.0	14:04	14.0	15.0	14:04	27.3	32.6
14:05	2.0	2.0	14:05	14.0	14.8	14:05	30.8	33.0
14:06	2.0	2.0	14:06	14.0	14.7	14:06	29.3	33.7
14:07	2.0	2.0	14:07	14.0	14.7	14:07	19.8	33.9
14:08	2.0	2.0	14:08	14.0	14.7	14:08	25.8	34.7
14:09	2.0	2.0	14:09	14.8	14.7	14:09	29.3	35.5
14:10	2.0	2.0	14:10	15.8	14.6	14:10	32.8	36.2
14:11	2.0	2.0	14:11	16.0	14.6	14:11	37.3	37.2
14:12	2.0	2.0	14:12	16.0	14.7	14:12	40.3	38.0
14:13	2.0	2.0	14:13	16.0	14.7	14:13	35.0	34.6
14:14	2.0	2.0	14:14	16.0	14.8	14:14	27.8	33.1
14:15	2.0	2.0	14:15	16.3	14.9	14:15	22.8	32.7
14:16	2.0	2.0	14:16	21.8	15.4	14:16	26.0	31.1
14:17	2.0	2.0	14:17	22.5	15.9	14:17	33.8	29.9
14:18	2.0	2.0	14:18	19.8	16.3	14:18	32.8	30.0
14:19	2.0	2.0	14:19	19.0	16.7	14:19	34.8	30.5
14:20	2.0	2.0	14:20	19.0	17.0	14:20	29.0	30.4
14:21	2.0	2.0	14:21	19.0	17.3	14:21	24.5	30.1
14:22	2.0	2.0	14:22	19.5	17.7	14:22	22.8	30.3
14:23	2.0	2.0	14:23	20.0	18.1	14:23	21.3	30.0
14:24	2.0	2.0	14:24	20.3	18.5	14:24	22.8	29.6
14:25	2.0	2.0	14:25	20.3	18.8	14:25	32.0	29.5
14:26	2.0	2.0	14:26	21.0	19.1	14:26	27.5	28.9
14:27	2.0	2.0	14:27	21.0	19.4	14:27	23.0	27.7
14:28	2.0	2.0	14:28	21.5	19.8	14:28	27.8	27.2
14:29	2.0	2.0	14:29	22.0	20.2	14:29	44.0	28.3
14:30	2.0	2.0	14:30	22.3	20.6	14:30	29.0	28.7

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)
14:31	2.0	2.0	14:31	23.0	20.7	14:31	24.3	28.6
14:32	2.0	2.0	14:32	23.3	20.7	14:32	34.5	28.7
14:33	2.0	2.0	14:33	24.0	21.0	14:33	46.3	29.6
14:34	2.0	2.0	14:34	23.8	21.3	14:34	27.8	29.1
14:35	2.0	2.0	14:35	25.0	21.7	14:35	30.8	29.2
14:36	2.0	2.0	14:36	24.0	22.1	14:36	24.3	29.2
14:37	2.0	2.0	14:37	24.3	22.4	14:37	28.5	29.6
14:38	2.0	2.0	14:38	25.0	22.7	14:38	46.5	31.3
14:39	2.0	2.0	14:39	24.3	23.0	14:39	30.5	31.8
14:40	2.0	2.0	14:40	24.0	23.2	14:40	57.3	33.5
14:41	2.0	2.0	14:41	24.0	23.4	14:41	35.8	34.0
14:42	2.0	2.0	14:42	24.0	23.6	14:42	55.8	36.2
14:43	2.0	2.0	14:43	24.5	23.8	14:43	53.8	37.9
14:44	2.0	2.0	14:44	32.5	24.5	14:44	72.3	39.8
14:45	2.0	2.0	14:45	42.3	25.9	14:45	31.8	40.0
14:46	2.0	2.0	14:46	45.3	27.3	14:46	28.5	40.3
14:47	2.0	2.0	14:47	38.3	28.3	14:47	62.5	42.1
14:48	2.0	2.0	14:48	37.5	29.2	14:48	77.5	44.2
14:49	2.0	2.0	14:49	49.3	30.9	14:49	40.8	45.1
14:50	2.0	2.0	14:50	40.3	32.0	14:50	29.0	45.0
14:51	2.0	2.0	14:51	50.0	33.7	14:51	28.0	45.2
14:52	2.0	2.0	14:52	56.0	35.8	14:52	26.0	45.1
14:53	2.0	2.0	14:53	51.3	37.6	14:53	26.3	43.7
14:54	2.0	2.0	14:54	40.3	38.6	14:54	65.3	46.0
14:55	2.0	2.0	14:55	32.0	39.2	14:55	59.5	46.2
14:56	2.0	2.0	14:56	48.8	40.8	14:56	37.3	46.3
14:57	2.0	2.0	14:57	83.5	44.8	14:57	38.8	45.1
14:58	2.0	2.0	14:58	42.3	46.0	14:58	32.5	43.7
14:59	2.0	2.0	14:59	29.5	45.8	14:59	42.3	41.7
15:00	2.0	2.0	15:00	25.5	44.6	15:00	39.8	42.3
15:01	2.0	2.0	15:01	26.0	43.4	15:01	40.0	43.0
15:02	2.0	2.0	15:02	25.5	42.5	15:02	52.8	42.4
15:03	2.0	2.0	15:03	25.3	41.7	15:03	42.0	40.0
15:04	2.0	2.0	15:04	26.8	40.2	15:04	29.5	39.3
15:05	2.0	2.0	15:05	27.0	39.3	15:05	44.3	40.3
15:06	2.0	2.0	15:06	27.0	37.8	15:06	48.5	41.6
15:07	2.0	2.0	15:07	26.5	35.8	15:07	44.5	42.9
15:08	2.0	2.0	15:08	26.5	34.2	15:08	52.8	44.6
15:09	2.0	2.0	15:09	27.0	33.3	15:09	41.5	43.1
15:10	2.0	2.0	15:10	27.0	32.9	15:10	37.3	41.6
15:11	2.0	2.0	15:11	27.0	31.5	15:11	47.5	42.3
15:12	2.0	2.0	15:12	27.5	27.8	15:12	61.0	43.7
15:13	2.0	2.0	15:13	28.3	26.8	15:13	70.0	46.2
15:14	2.0	2.0	15:14	29.0	26.8	15:14	65.5	47.8
15:15	2.0	2.0	15:15	29.0	27.0	15:15	60.3	49.2
15:16	2.0	2.0	15:16	29.8	27.3	15:16	40.0	49.2
15:17	2.0	2.0	15:17	30.5	27.6	15:17	48.0	48.8
15:18	2.0	2.0	15:18	31.0	28.0	15:18	48.0	49.2
15:19	2.0	2.0	15:19	31.8	28.3	15:19	43.0	50.1
15:20	2.0	2.0	15:20	32.0	28.7	15:20	41.0	49.9
15:21	2.0	2.0	15:21	32.8	29.0	15:21	42.8	49.5
15:22	2.0	2.0	15:22	32.3	29.4	15:22	47.8	49.8
15:23	2.0	2.0	15:23	34.0	29.9	15:23	47.3	49.4
15:24	2.0	2.0	15:24	35.5	30.5	15:24	41.3	49.4
15:25	2.0	2.0	15:25	35.0	31.0	15:25	48.5	50.1
15:26	2.0	2.0	15:26	34.5	31.5	15:26	51.8	50.4
15:27	2.0	2.0	15:27	34.0	32.0	15:27	44.3	49.3
15:28	2.0	2.0	15:28	36.5	32.5	15:28	47.3	47.8
15:29	2.0	2.0	15:29	35.0	32.9	15:29	58.0	47.3
15:30	2.0	2.0	15:30	35.0	33.3	15:30	75.3	48.3
15:31	2.0	2.0	15:31	35.8	33.7	15:31	55.5	49.3
15:32	2.0	2.0	15:32	34.0	33.9	15:32	63.8	50.4
15:33	2.0	2.0	15:33	33.0	34.1	15:33	48.3	50.4
15:34	2.0	2.0	15:34	33.5	34.2	15:34	43.5	50.4
15:35	2.0	2.0	15:35	34.3	34.3	15:35	46.0	50.7
15:36	2.0	2.0	15:36	33.3	34.4	15:36	49.5	51.2
15:37	2.0	2.0	15:37	33.5	34.5	15:37	38.0	50.5
15:38	2.0	2.0	15:38	34.0	34.5	15:38	39.5	50.0
15:39	2.0	2.0	15:39	34.0	34.4	15:39	41.3	50.0
15:40	2.0	2.0	15:40	34.0	34.3	15:40	42.3	49.6
15:41	2.0	2.0	15:41	34.0	34.3	15:41	38.5	48.7
15:42	2.0	2.0	15:42	34.8	34.3	15:42	43.5	48.7
15:43	2.0	2.0	15:43	33.5	34.1	15:43	39.8	48.2
15:44	2.0	2.0	15:44	33.3	34.0	15:44	45.8	47.4
15:45	2.0	2.0	15:45	34.0	33.9	15:45	49.8	45.7
15:46	2.0	2.0	15:46	33.3	33.8	15:46	41.3	44.7

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)
15:47	2.0	2.0	15:47	34.0	33.8	15:47	40.3	43.1
15:48	2.0	2.0	15:48	34.0	33.8	15:48	40.3	42.6
15:49	2.0	2.0	15:49	34.0	33.9	15:49	42.0	42.5
15:50	2.0	2.0	15:50	34.0	33.8	15:50	42.8	42.3
15:51	2.0	2.0	15:51	34.0	33.9	15:51	42.5	41.8
15:52	2.0	2.0	15:52	34.0	33.9	15:52	40.0	42.0
15:53	2.0	2.0	15:53	35.3	34.0	15:53	40.0	42.0
15:54	2.0	2.0	15:54	37.0	34.2	15:54	38.0	41.8
15:55	2.0	2.0	15:55	36.3	34.4	15:55	41.8	41.7
15:56	2.0	2.0	15:56	34.0	34.4	15:56	47.5	42.3
15:57	2.0	2.0	15:57	33.8	34.3	15:57	50.5	42.8
15:58	2.0	2.0	15:58	34.0	34.3	15:58	41.8	42.9
15:59	2.0	2.0	15:59	34.0	34.4	15:59	37.0	42.4
16:00	2.0	2.0	16:00	34.0	34.4	16:00	39.3	41.7
16:01	2.0	2.0	16:01	36.3	34.6	16:01	53.3	42.5
16:02	2.0	2.0	16:02	42.0	35.1	16:02	43.5	42.7
16:03	2.0	2.0	16:03	38.3	35.4	16:03	42.3	42.8
16:04	2.0	2.0	16:04	35.0	35.5	16:04	44.8	43.0
16:05	2.0	2.0	16:05	35.0	35.5	16:05	55.5	43.8
16:06	2.0	2.0	16:06	35.8	35.6	16:06	52.3	44.5
16:07	2.0	2.0	16:07	36.3	35.8	16:07	50.8	45.2
16:08	2.0	2.0	16:08	37.8	36.0	16:08	50.0	45.9
16:09	2.0	2.0	16:09	37.5	36.0	16:09	44.8	46.3
16:10	2.0	2.0	16:10	37.8	36.1	16:10	43.3	46.4
16:11	2.0	2.0	16:11	38.3	36.4	16:11	49.5	46.6
16:12	2.0	2.0	16:12	43.3	37.0	16:12	51.5	46.6
16:13	2.0	2.0	16:13	43.8	37.7	16:13	49.5	47.1
16:14	2.0	2.0	16:14	52.5	38.9	16:14	47.0	47.8
16:15	2.0	2.0	16:15	49.8	39.9	16:15	48.5	48.4
16:16	2.0	2.0	16:16	60.8	41.6	16:16	46.3	48.0
16:17	2.0	2.0	16:17	43.0	41.6	16:17	46.3	48.1
16:18	2.0	2.0	16:18	39.3	41.7	16:18	52.0	48.8
16:19	2.0	2.0	16:19	39.8	42.0	16:19	54.8	49.5
16:20	2.0	2.0	16:20	40.0	42.4	16:20	47.5	48.9
16:21	2.0	2.0	16:21	39.8	42.6	16:21	46.3	48.5
16:22	2.0	2.0	16:22	40.0	42.9	16:22	49.0	48.4
16:23	2.0	2.0	16:23	41.8	43.1	16:23	48.0	48.3
16:24	2.0	2.0	16:24	41.0	43.4	16:24	48.5	48.5
16:25	2.0	2.0	16:25	40.0	43.5	16:25	50.3	49.0
16:26	2.0	2.0	16:26	40.3	43.7	16:26	46.3	48.8
16:27	2.0	2.0	16:27	41.0	43.5	16:27	42.3	48.2
16:28	2.0	2.0	16:28	41.5	43.4	16:28	43.0	47.7
16:29	2.0	2.0	16:29	42.3	42.7	16:29	44.8	47.6
16:30	2.0	2.0	16:30	42.0	42.2	16:30	53.0	47.9
16:31	2.0	2.0	16:31	41.0	40.8	16:31	56.8	48.6
16:32	2.0	2.0	16:32	40.8	40.7	16:32	49.5	48.8
16:33	2.0	2.0	16:33	40.0	40.7	16:33	50.8	48.7
16:34	2.0	2.0	16:34	39.0	40.7	16:34	55.5	48.8
16:35	2.0	2.0	16:35	39.3	40.6	16:35	59.0	49.5
16:36	2.0	2.0	16:36	40.0	40.7	16:36	60.5	50.5
16:37	2.0	2.0	16:37	40.0	40.7	16:37	49.0	50.5
16:38	2.0	2.0	16:38	40.0	40.5	16:38	49.0	50.5
16:39	2.0	2.0	16:39	40.0	40.5	16:39	42.5	50.1
16:40	2.0	2.0	16:40	40.0	40.5	16:40	40.0	49.5
16:41	2.0	2.0	16:41	39.8	40.4	16:41	41.3	49.1
16:42	2.0	2.0	16:42	39.0	40.3	16:42	45.3	49.3
16:43	2.0	2.0	16:43	39.0	40.1	16:43	42.0	49.3
16:44	2.0	2.0	16:44	38.5	39.9	16:44	40.8	49.0
16:45	2.0	2.0	16:45	38.0	39.6	16:45	48.0	48.7
16:46	2.0	2.0	16:46	38.5	39.5	16:46	46.3	48.0
16:47	2.0	2.0	16:47	38.3	39.3	16:47	40.3	47.3
16:48	2.0	2.0	16:48	39.0	39.2	16:48	42.3	46.8
16:49	2.0	2.0	16:49	41.5	39.4	16:49	40.8	45.8
16:50	2.0	2.0	16:50	51.5	40.2	16:50	40.3	44.5
16:51	2.0	2.0	16:51	41.8	40.3	16:51	43.3	43.4
16:52	2.0	2.0	16:52	39.0	40.3	16:52	41.8	42.9
16:53	2.0	2.0	16:53	39.0	40.2	16:53	44.8	42.6
16:54	2.0	2.0	16:54	39.0	40.1	16:54	44.3	42.7
16:55	2.0	2.0	16:55	39.0	40.1	16:55	43.8	43.0
16:56	2.0	2.0	16:56	39.0	40.0	16:56	41.8	43.0
16:57	2.0	2.0	16:57	39.0	40.0	16:57	47.5	43.2
16:58	2.0	2.0	16:58	38.8	40.0	16:58	46.0	43.4
16:59	2.0	2.0	16:59	38.5	40.0	16:59	41.5	43.5
17:00	2.0	2.0	17:00	38.0	40.0	17:00	43.5	43.2
17:01	2.0	2.0	17:01	38.3	40.0	17:01	43.8	43.0
17:02	2.0	2.0	17:02	38.8	40.0	17:02	43.3	-

PARTICULATE DATA										
Upwind			Downwind							Exceeds Particulate Alarm Limit
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)		
17:03	2.0	2.0	17:03	39.0	40.0	17:03	42.5	43.2	-	
17:04	2.0	2.0	17:04	39.0	39.8	17:04	42.5	43.4	-	
17:05	2.0	2.0	17:05	39.0	39.0	17:05	51.8	44.1	-	

Wednesday, December 7, 2022									
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 = 0									
Number of Comparable Data Points = 590									
Start Time: 7:01									
End Time: 17:05									
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)	
7:01	0.0	-	7:01	0.0	-	7:01	0.0	-	-
7:02	0.0	-	7:02	0.0	-	7:02	0.0	-	-
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	0.0	7:16	0.0	0.0	7:16	0.0	0.0	-
7:17	0.0	0.0	7:17	0.0	0.0	7:17	0.0	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	1.8	0.1	7:23	0.0	0.0	7:23	0.0	0.0	-
7:24	1.0	0.2	7:24	0.0	0.0	7:24	0.0	0.0	-
7:25	0.1	0.2	7:25	0.0	0.0	7:25	0.0	0.0	-
7:26	0.0	0.2	7:26	0.0	0.0	7:26	0.0	0.0	-
7:27	0.0	0.2	7:27	0.0	0.0	7:27	0.0	0.0	-
7:28	0.0	0.2	7:28	0.0	0.0	7:28	0.0	0.0	-
7:29	0.0	0.2	7:29	0.0	0.0	7:29	0.0	0.0	-
7:30	0.0	0.2	7:30	0.0	0.0	7:30	0.0	0.0	-
7:31	0.0	0.2	7:31	0.0	0.0	7:31	0.0	0.0	-
7:32	0.0	0.2	7:32	0.0	0.0	7:32	0.0	0.0	-
7:33	0.0	0.2	7:33	0.0	0.0	7:33	0.0	0.0	-
7:34	0.0	0.2	7:34	0.0	0.0	7:34	0.0	0.0	-
7:35	0.0	0.2	7:35	0.0	0.0	7:35	0.0	0.0	-
7:36	0.0	0.2	7:36	0.0	0.0	7:36	0.0	0.0	-
7:37	0.0	0.2	7:37	0.0	0.0	7:37	0.0	0.0	-
7:38	0.0	0.1	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	-

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)		
8:12	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	-	
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	0.0	0.0	8:23	0.0	0.0	8:23	0.0	0.0	-	
8:24	0.0	0.0	8:24	0.0	0.0	8:24	0.0	0.0	-	
8:25	0.0	0.0	8:25	0.0	0.0	8:25	0.0	0.0	-	
8:26	0.0	0.0	8:26	0.0	0.0	8:26	0.0	0.0	-	
8:27	0.0	0.0	8:27	0.0	0.0	8:27	0.0	0.0	-	
8:28	0.0	0.0	8:28	0.0	0.0	8:28	0.0	0.0	-	
8:29	0.0	0.0	8:29	0.0	0.0	8:29	0.0	0.0	-	
8:30	0.0	0.0	8:30	0.0	0.0	8:30	0.0	0.0	-	
8:31	0.0	0.0	8:31	0.0	0.0	8:31	0.0	0.0	-	
8:32	0.0	0.0	8:32	0.0	0.0	8:32	0.0	0.0	-	
8:33	0.0	0.0	8:33	0.0	0.0	8:33	0.0	0.0	-	
8:34	0.0	0.0	8:34	0.0	0.0	8:34	0.0	0.0	-	
8:35	0.0	0.0	8:35	0.0	0.0	8:35	0.0	0.0	-	
8:36	0.0	0.0	8:36	0.0	0.0	8:36	0.0	0.0	-	
8:37	0.0	0.0	8:37	0.0	0.0	8:37	0.0	0.0	-	
8:38	0.0	0.0	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	0.0	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	0.0	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	0.0	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	0.0	0.0	-	
9:03	0.0	0.0	9:03	0.0	0.0	9:03	0.0	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	0.0	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	0.0	0.0	9:23	0.0	0.0	9:23	0.0	0.0	-	
9:24	0.0	0.0	9:24	0.0	0.0	9:24	0.0	0.0	-	
9:25	0.0	0.0	9:25	0.0	0.0	9:25	0.0	0.0	-	
9:26	0.0	0.0	9:26	0.0	0.0	9:26	0.0	0.0	-	
9:27	0.0	0.0	9:27	0.0	0.0	9:27	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)		
9:28	0.0	0.0	9:28	0.0	0.0	9:28	0.0	0.0	-	
9:29	0.0	0.0	9:29	0.0	0.0	9:29	0.0	0.0	-	
9:30	0.0	0.0	9:30	0.0	0.0	9:30	0.0	0.0	-	
9:31	0.0	0.0	9:31	0.0	0.0	9:31	0.0	0.0	-	
9:32	0.0	0.0	9:32	0.0	0.0	9:32	0.0	0.0	-	
9:33	0.0	0.0	9:33	0.0	0.0	9:33	0.0	0.0	-	
9:34	0.0	0.0	9:34	0.0	0.0	9:34	0.0	0.0	-	
9:35	0.0	0.0	9:35	0.0	0.0	9:35	0.0	0.0	-	
9:36	0.0	0.0	9:36	0.0	0.0	9:36	0.0	0.0	-	
9:37	0.0	0.0	9:37	0.0	0.0	9:37	0.0	0.0	-	
9:38	0.0	0.0	9:38	0.0	0.0	9:38	0.0	0.0	-	
9:39	0.0	0.0	9:39	0.0	0.0	9:39	0.0	0.0	-	
9:40	0.0	0.0	9:40	0.0	0.0	9:40	0.0	0.0	-	
9:41	0.0	0.0	9:41	0.0	0.0	9:41	0.0	0.0	-	
9:42	0.0	0.0	9:42	0.0	0.0	9:42	0.0	0.0	-	
9:43	0.0	0.0	9:43	0.0	0.0	9:43	0.0	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	0.0	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	0.0	0.0	-	
10:38	0.0	0.0	10:38	0.0	0.0	10:38	0.0	0.0	-	
10:39	0.0	0.0	10:39	0.0	0.0	10:39	0.0	0.0	-	
10:40	0.0	0.0	10:40	0.0	0.0	10:40	0.0	0.0	-	
10:41	0.0	0.0	10:41	0.0	0.0	10:41	0.0	0.0	-	
10:42	0.0	0.0	10:42	0.0	0.0	10:42	0.0	0.0	-	
10:43	0.0	0.0	10:43	0.0	0.0	10:43	0.0	0.0	-	











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)		
17:04	0.0	0.0	17:04	0.0	0.0	17:04	0.0	0.0	-	
17:05	0.0	0.0	17:05	0.0	0.0	17:05	0.0	0.0	-	