

# LANGAN SITE OBSERVATION REPORT – Day 147

<b>CLIENT:</b>	Gowanus Canal LLC and GowCan Owner, LLC	<b>DATE:</b>	Monday, March 6, 2023			
<b>PROJECT No.:</b>	170295301	<b>WEATHER:</b>	Cloudy, 39 to 53°F Wind: NW @ 3-7mph			
<b>PROJECT:</b>	Gowanus Canal Northside	<b>TIME:</b>	06:30 – 17:00			
<b>LOCATION:</b>	Brooklyn, New York	<b>BCP SITE ID:</b>	C224080			
<b>EQUIPMENT:</b>	<b>Komatsu PC 490 Excavator</b> Junttan PM20/25 Drill Rig <b>Komatsu PC 240 Excavator</b> JLG HC3 Boom Lift <b>Komatsu PC 78 US Excavator</b> Dynapac CA150 Compactor <b>APE Model 23.2 Vibratory Hammer</b> <b>Komatsu Wheel Loader</b> <b>Junttan PM20US Drill Rig</b>					
<b>PRESENT AT SITE:</b> <b>Langan:</b> Lauren Roper (Environmental), Ahmed Mahmoud (Geotechnical) <b>Urban Atelier Group (UAG):</b> Seth Anderson <b>Kingdom Associates, Inc. (Kingdom):</b> George Minchala <b>TT Mechanical Corp. (TT Mechanical):</b> Damien Sokol <b>New York State Department of Environmental Conservation (NYSDEC):</b> Sunlei Yang <b>Manhattan Concrete:</b> Mark Vutajek <b>G&amp;M Works Landscape Construction (G&amp;M):</b> Gino Latona						
<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> <p><b>Site Activities</b></p> <ul style="list-style-type: none"> <li>• Kingdom exported non-hazardous historic fill/soil from waste characterization cell WC10 (WC10_COMP_0-5) using permitted tri-axle trucks for off-site disposal. See material tracking section for details.</li> <li>• Kingdom exported previously stockpiled construction and demolition (C&amp;D) debris in permitted tri-axle trucks for off-site disposal. See material tracking section for details.</li> <li>• Kingdom excavated an about 15-foot-long by 7-foot-wide area to about 3 feet below grade surface (bgs) to install formwork 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 vapor using a photoionization detector (PID). Evidence of impacts including a petroleum-like odor, staining, and a maximum PID reading of 25.5 parts per million (ppm) was observed.</li> <li>◦ The excavated historic fill was added to an existing stockpile in the central part of Sackett Place on top of and covered with polyethylene sheeting pending future off-site disposal.</li> </ul> </li> <li>• Kingdom excavated an about 25-foot-long by 10-foot-wide area to about 3 feet bgs to install formwork in the central 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 vapor using a PID. Evidence of impacts including a petroleum-like odor, staining, and a maximum PID reading of 13.2 ppm was observed.</li> <li>◦ The excavated historic fill was added to an existing stockpile in the central part of Sackett Place on top of and covered with polyethylene sheeting pending future off-site disposal.</li> </ul> </li> <li>• Kingdom excavated an about 20-foot-long by 5-foot-wide area to about 2 feet bgs to install utilities in the southwestern part of Society Brooklyn. Excavated material consisted of historic fill.</li> </ul>						
Cc:	J. Hayes, M. Burke, P. Farnham, E. Adkins, A. Nesci	By:	Lauren Roper <b>Langan, D.P.C.</b>			

- Excavated historic fill was screened for odor, staining, and organic vapor using a PID. No impacts were observed.
- The excavated historic fill was added to an existing stockpile in the southwestern part of Society Brooklyn on top of and covered with polyethylene sheeting pending future off-site disposal.
- Kingdom excavated an about 25-foot-long by 5-foot-wide area to about 2-foot bgs to install utilities in the central 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.
  - The excavated historic fill was added to an existing stockpile in the central part of Society Brooklyn on top of and covered with polyethylene sheeting pending future off-site disposal.
- Kingdom excavated an about 30-foot-long by 5-foot-wide area to about 2-foot bgs to install utilities in the central and southeastern 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.
  - The excavated historic fill was stockpiled in the southeastern part of Society Brooklyn on top of and covered with polyethylene sheeting pending future off-site disposal.
- Kingdom installed formwork for structural pile caps in the northeastern part of Sackett Place.
- G&M demolished a portion of the Sackett Street sidewalk within the Sackett Street right-of-way outside of the BCP boundary as part of development-related construction. This work is not part of RAWP implementation.
  - The demolished C&D debris was transported off-site for disposal in permitted tri-axle trucks.

### Import and Export Tracking

- Kingdom exported 5 truckloads of non-hazardous historic fill from waste characterization cell WC10 (WC10\_COMP\_0-5) to the Phase III Environmental disposal facility in Palmerton, PA.
- Kingdom exported 5 truckloads of C&D debris to Faztec Industries in Staten Island, NY.
- No material was imported to the site.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
<b>Bayshore Soil Management</b> Keasbey, NJ <b>Non-Hazardous Soil/Fill</b>	<b>No. Loads</b>	0	<b>723</b>
	<b>Quantity (CY)</b>	0	<b>14,460</b>
<b>Bayshore Soil Management</b> Keasbey, NJ <b>Non-Hazardous MGP-Impacted Soil/Fill</b>	<b>No. Loads</b>	0	<b>79</b>
	<b>Quantity (CY)</b>	0	<b>1,580</b>
<b>Phase III Environmental</b> Palmerton, PA <b>Non-Hazardous Soil/Fill</b>	<b>No. Loads</b>	5	<b>58</b>
	<b>Quantity (CY)</b>	100	<b>1,160</b>

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Material Import Summary				
Facility	NYSDEC Approved Quantity (CY)	Imported	Today	Total
<b>Stavola Construction Materials, Inc</b> Bridgewater, NJ 2.5-inch Stone	1,000	<b>No. Loads</b>	0	<b>8</b>
		<b>Quantity (CY)</b>	0	<b>160</b>
<b>87 19<sup>th</sup> Avenue</b> Astoria, NY 2.5-inch Stone	2,000	<b>No. Loads</b>	0	<b>31</b>
		<b>Quantity (CY)</b>	0	<b>650</b>
<b>Impact Environmental</b> Jersey City, NJ 0.5-inch Crushed Stone	5,000	<b>No. Loads</b>	0	<b>166</b>
		<b>Quantity (CY)</b>	0	<b>3,320</b>
<b>Impact Environmental</b> Lyndhurst, NJ 0.75-inch Crushed Stone	4,000	<b>No. Loads</b>	0	<b>26</b>
		<b>Quantity (CY)</b>	0	<b>520</b>
<b>Tilcon New York Inc.</b> Wharton, NJ ASTM #5	3,500	<b>No. Loads</b>	0	<b>30</b>
		<b>Quantity (CY)</b>	0	<b>600</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 support of excavation (SOE) elements at Society Brooklyn and Sackett Place.
- Kingdom will continue excavation for structural pile cap installation at Society Brooklyn and Sackett Place.
- Kingdom will continue excavation for utilities at Society Brooklyn and Sackett Place.
- Kingdom will continue to install submembrane depressurization (SMD) system components at Society Brooklyn.

Cc:	J. Hayes, M. Burke, P. Farnham, E. Adkins, A. Nesci	By:	Lauren Roper <b>Langan, D.P.C.</b>
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### Site Photographs:



**Photo 1:** Kingdom excavating to install utilities in the western part of Society Brooklyn (facing northwest)



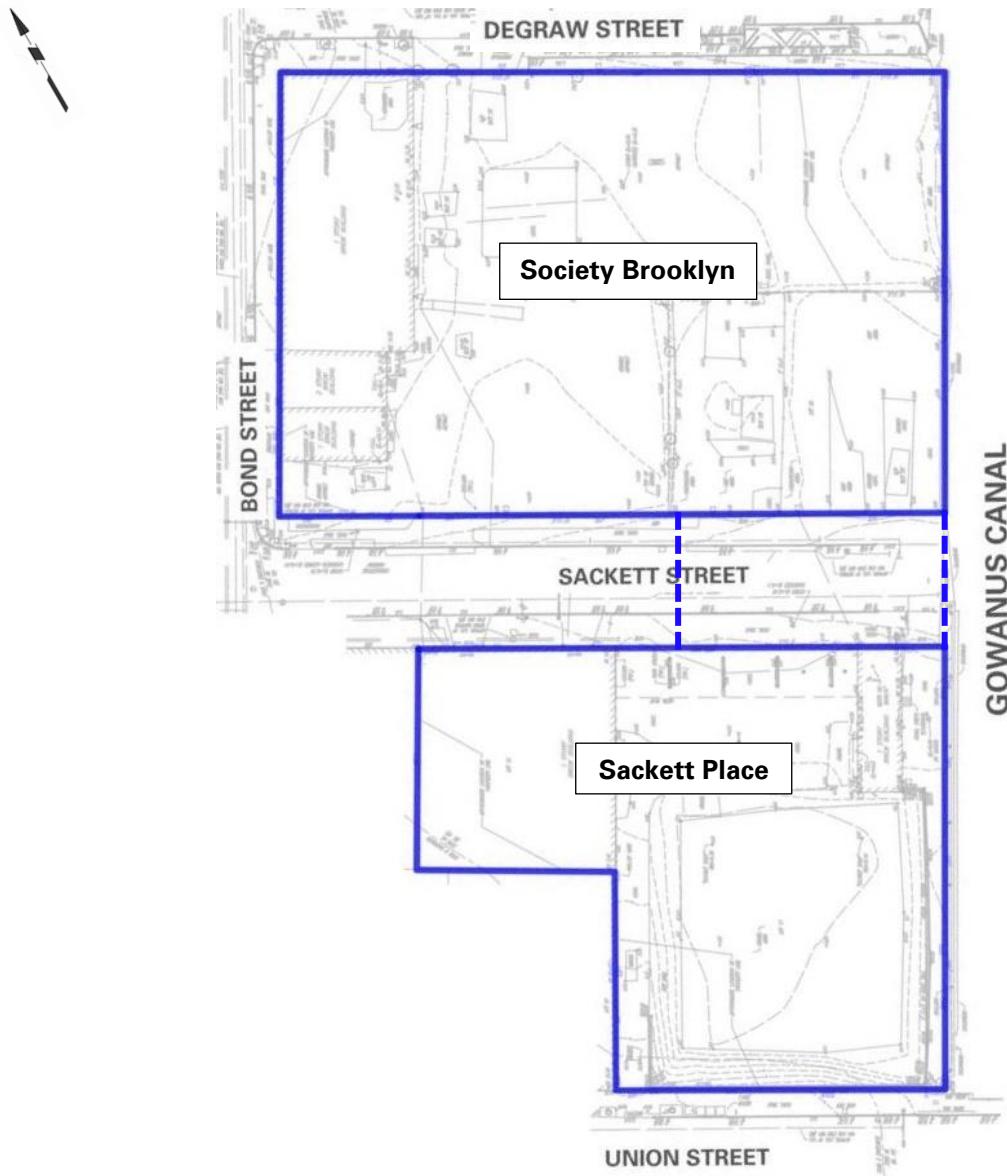
**Photo 2:** Kingdom exporting non-hazardous historic fill in permitted tri-axle trucks in the northeastern part of Sackett Place (facing south)

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

By: Lauren Roper

**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).

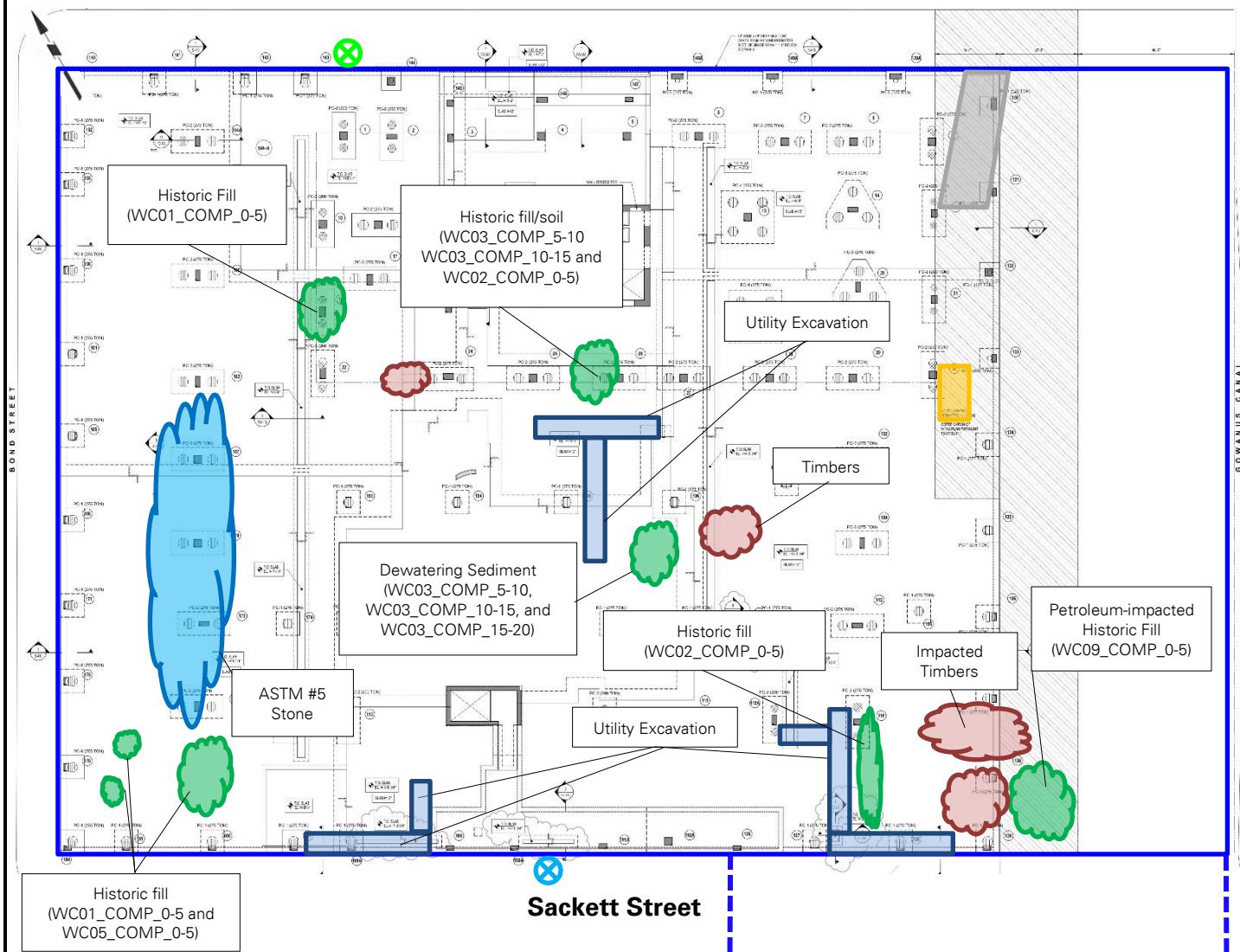
Cc: J. Hayes, M. Burke, P. Farnham, E. Adkins, A.  
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## Site Map 2: Northern Work Area Map (Society Brooklyn)

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 import stockpile location                        |
| (X)        | Upwind air monitoring station                | ● | Approximate C&D debris stockpile location                    |
| (X)        | Downwind air monitoring station              | ■ | Approximate location of 20 cubic yard scrap metal container  |
| [Blue Box] | Approximate work area                        | ● | Approximate location of documentation sample collected today |
| [Gray Box] | Approximate stabilized construction entrance |   |  |

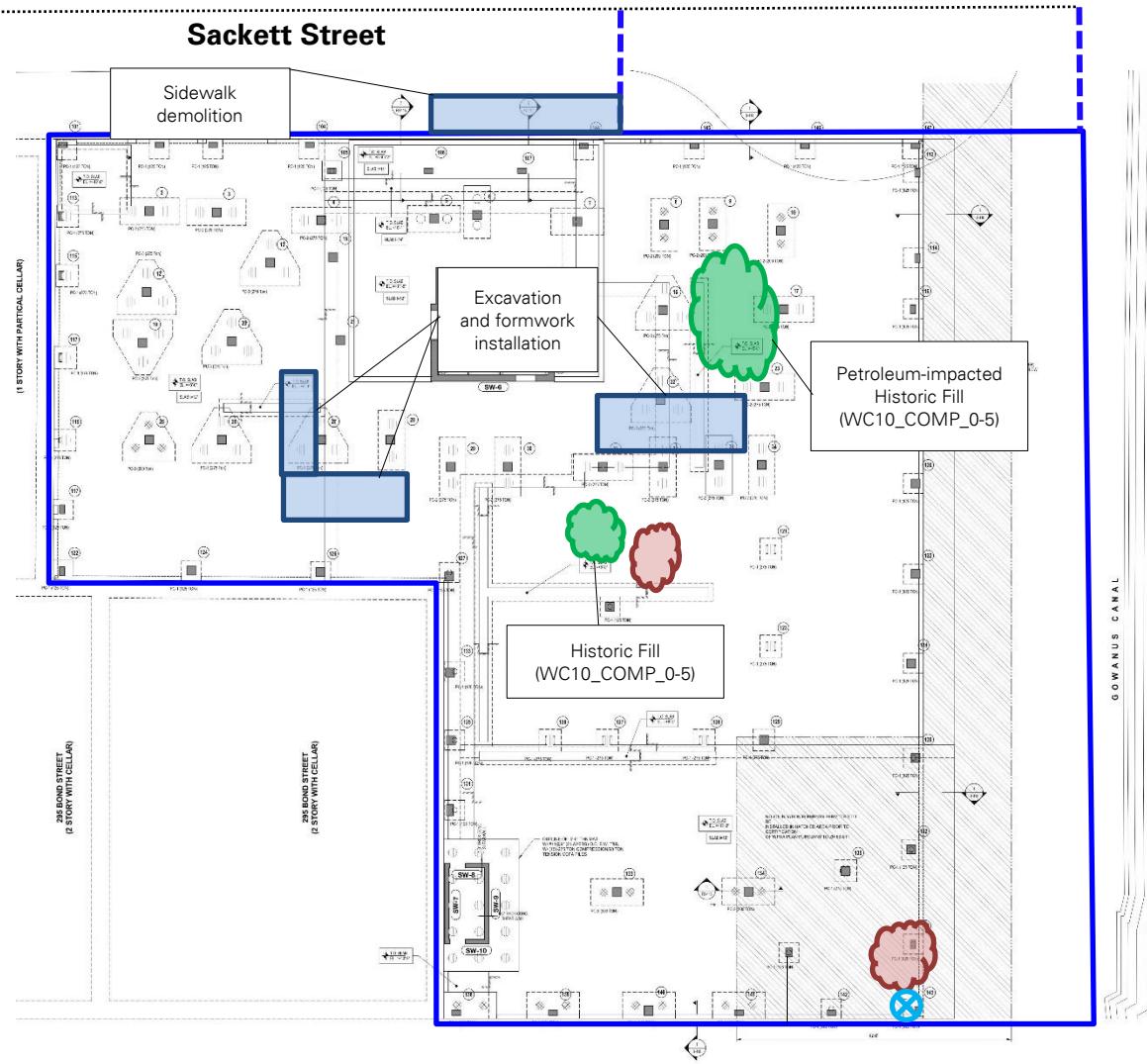
Cc: J. Hayes, M. Burke, P. Farnham, E. Adkins, A. Nesci

By: Lauren Roper

**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 construction fence boundary
- (X) Upwind air monitoring station
- (X) Downwind air monitoring station
- [Blue Box] Approximate work area
- [Grey Box] Approximate stabilized construction entrance
- [Green Cloud] Approximate soil/fill stockpile location
- [Blue Cloud] Approximate import stockpile location
- [Red Cloud] Approximate C&D debris stockpile location
- (Blue Dot) Approximate location of documentation sample collected today

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

By: Lauren Roper

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



# DAILY AIR MONITORING REPORT

## Gowanus Canal Northside

### 267 Bond Street, Brooklyn, New York

03/06/23

Project number: 170295301

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Rev. No. 0

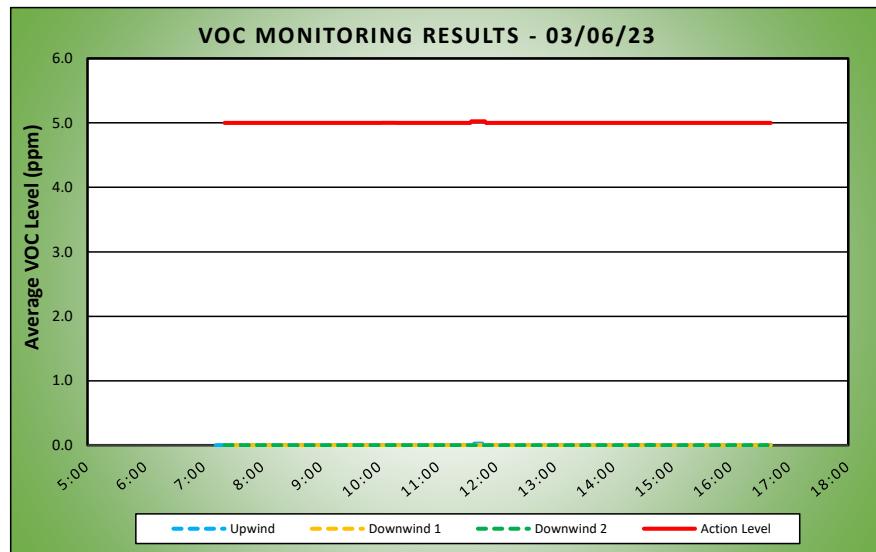
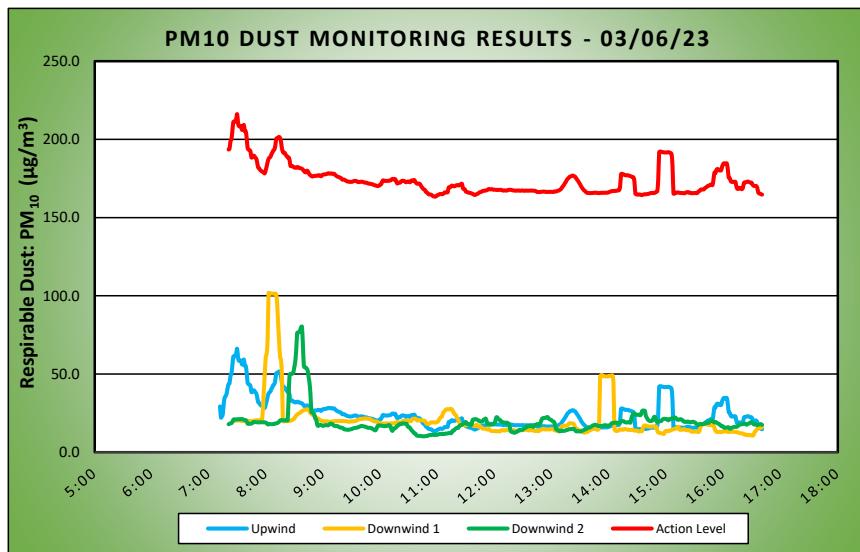
Submitted By: Lauren Roper

Dust Action Level 150 µg/m³

TVOC Action Level 5 ppm

Weather Data Range for Work Day		Wind Direction	NW	Relative Humidity (%)	30.0 - 67.0	Daily Rain (in)	0.01	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	39.0 - 53.0	Wind Speed (MPH)	2.9 - 7.0	Barometer (inHg)	30.00 - 30.20			

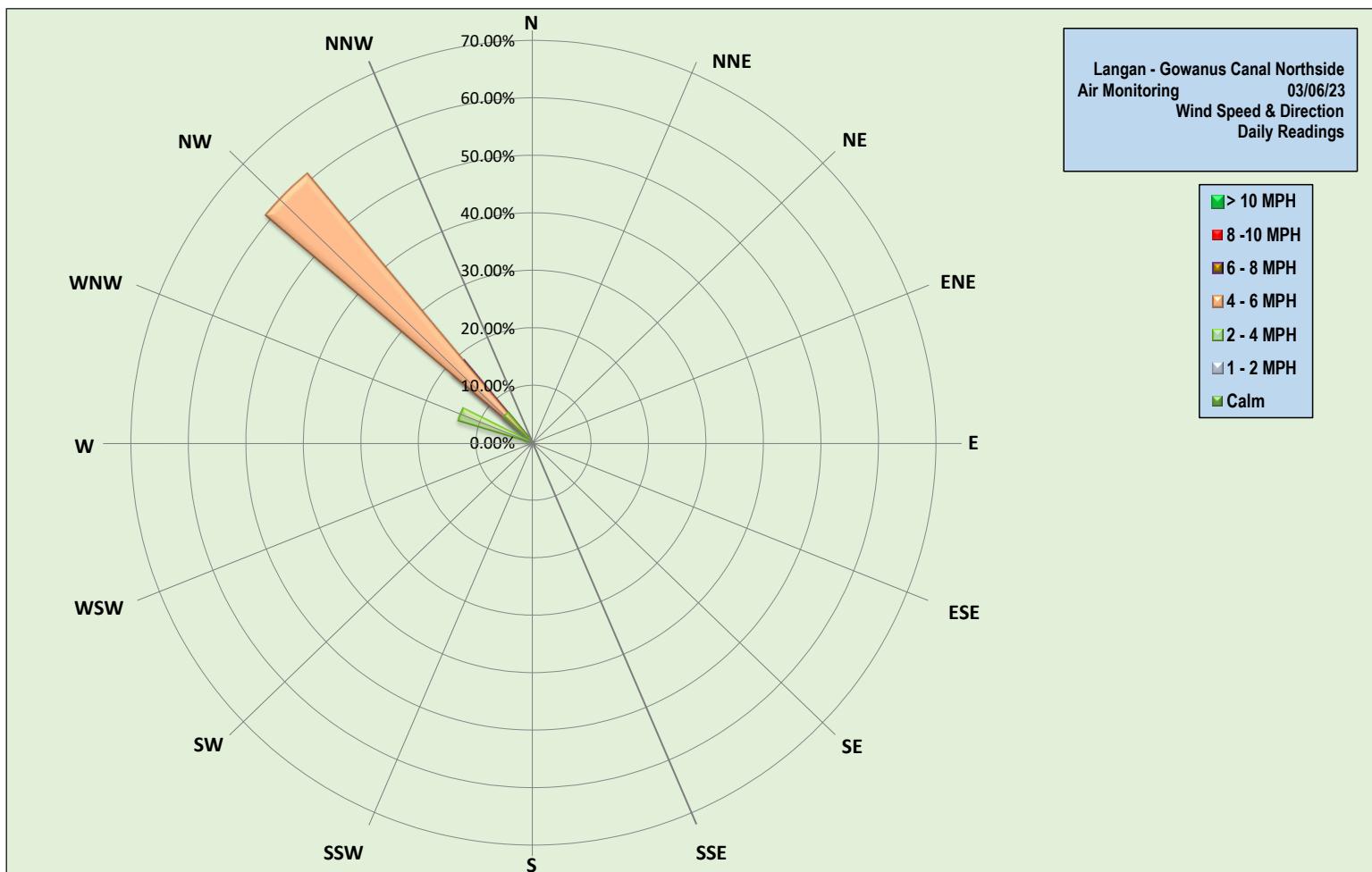
Station Location Area	Work	Daily Avg. Dust Concentration ( $\mu\text{g}/\text{m}^3$ )	Max 15 Min Dust Concentration ( $\mu\text{g}/\text{m}^3$ )	Time of Maximum 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind		24.4	66.2	7:30	0.0	0.0	11:35
Downwind 1		20.3	101.8	8:03	0.0	0.0	7:27
Downwind 2		19.2	80.3	8:38	0.0	0.0	14:25



Air Monitoring Notes:

Sampling Notes:

Weather Notes:



Monday, March 6, 2023									
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 = 0									
Number of Comparable Data Points = 561									
Start Time: 6:57									
End Time: 16:41									
PARTICULATE DATA									
Upwind			Downwind						
Time	Concentration ( $\mu\text{g}/\text{m}^3$ )	15-Min Avg Concentration ( $\mu\text{g}/\text{m}^3$ )	Time	Concentration ( $\mu\text{g}/\text{m}^3$ )	15-Min Avg Concentration ( $\mu\text{g}/\text{m}^3$ )	Time	Concentration ( $\mu\text{g}/\text{m}^3$ )	15-Min Avg Concentration ( $\mu\text{g}/\text{m}^3$ )	Exceeds Particulate Alarm Limit
6:57	244.5	-	6:57	-	-	6:57	-	-	-
6:58	127.8	-	6:58	-	-	6:58	-	-	-
6:59	16.0	-	6:59	-	-	6:59	-	-	-
7:00	16.3	-	7:00	-	-	7:00	-	-	-
7:01	17.0	-	7:01	-	-	7:01	-	-	-
7:02	16.8	-	7:02	-	-	7:02	-	-	-
7:03	17.0	-	7:03	-	-	7:03	-	-	-
7:04	16.0	-	7:04	-	-	7:04	-	-	-
7:05	16.8	-	7:05	21.5	-	7:05	-	-	-
7:06	20.5	-	7:06	-	-	7:06	16.3	-	-
7:07	20.8	-	7:07	-	-	7:07	16.8	-	-
7:08	20.8	-	7:08	-	-	7:08	16.3	-	-
7:09	20.8	-	7:09	-	-	7:09	18.0	-	-
7:10	21.3	-	7:10	-	-	7:10	17.0	-	-
7:11	45.3	-	7:11	-	-	7:11	17.0	-	-
7:12	46.3	29.3	7:12	18.0	-	7:12	17.3	-	-
7:13	21.3	22.2	7:13	18.0	-	7:13	18.3	-	-
7:14	27.5	22.9	7:14	18.8	-	7:14	18.3	-	-
7:15	38.0	24.4	7:15	19.5	-	7:15	17.0	-	-
7:16	123.8	31.5	7:16	19.0	-	7:16	18.8	-	-
7:17	71.0	35.1	7:17	19.3	-	7:17	18.8	-	-
7:18	28.3	35.9	7:18	24.0	-	7:18	19.0	-	-
7:19	41.5	37.6	7:19	22.8	-	7:19	17.3	-	-
7:20	69.5	41.1	7:20	20.8	-	7:20	18.3	-	-
7:21	57.0	43.5	7:21	20.8	-	7:21	20.8	17.9	-
7:22	28.3	44.0	7:22	19.0	-	7:22	20.5	18.2	-
7:23	91.5	48.7	7:23	19.5	-	7:23	22.0	18.5	-
7:24	42.3	50.2	7:24	19.3	-	7:24	18.8	18.6	-
7:25	102.5	55.6	7:25	19.0	-	7:25	30.0	19.5	-
7:26	128.5	61.1	7:26	20.8	-	7:26	36.8	20.8	-
7:27	45.8	61.1	7:27	20.3	20.0	7:27	21.0	21.0	-
7:28	34.3	62.0	7:28	20.0	20.2	7:28	17.3	21.0	-
7:29	44.0	63.1	7:29	20.0	20.3	7:29	18.3	21.0	-
7:30	84.5	66.2	7:30	20.0	20.3	7:30	18.5	21.1	-
7:31	32.5	60.1	7:31	20.0	20.4	7:31	18.5	21.0	-
7:32	45.3	58.4	7:32	20.0	20.4	7:32	20.8	21.2	-
7:33	30.8	58.5	7:33	20.0	20.1	7:33	17.5	21.1	-
7:34	42.0	58.6	7:34	20.8	20.0	7:34	18.5	21.2	-
7:35	33.5	56.2	7:35	20.5	20.0	7:35	19.3	21.2	-
7:36	58.3	56.3	7:36	20.0	19.9	7:36	18.0	21.0	-
7:37	73.8	59.3	7:37	20.0	20.0	7:37	17.0	20.8	-
7:38	31.0	55.3	7:38	20.0	20.0	7:38	17.8	20.5	-
7:39	41.0	55.2	7:39	21.0	20.2	7:39	17.5	20.4	-
7:40	37.3	50.8	7:40	19.3	20.2	7:40	17.0	19.6	-
7:41	33.3	44.5	7:41	19.3	20.1	7:41	17.5	18.3	-
7:42	30.5	43.5	7:42	19.0	20.0	7:42	18.0	18.1	-
7:43	29.5	43.1	7:43	19.0	19.9	7:43	18.5	18.2	-
7:44	32.0	42.3	7:44	19.8	19.9	7:44	18.8	18.2	-
7:45	25.8	38.4	7:45	20.0	19.9	7:45	20.8	18.4	-
7:46	38.5	38.8	7:46	20.0	19.9	7:46	22.5	18.6	-
7:47	55.3	39.5	7:47	20.8	20.0	7:47	29.3	19.2	-
7:48	29.8	39.4	7:48	21.3	20.0	7:48	18.8	19.3	-
7:49	25.0	38.3	7:49	25.5	20.4	7:49	18.5	19.3	-
7:50	24.5	37.7	7:50	21.5	20.4	7:50	18.0	19.2	-
7:51	23.8	35.4	7:51	20.8	20.5	7:51	17.3	19.1	-
7:52	24.8	32.1	7:52	19.5	20.4	7:52	16.8	19.1	-
7:53	24.0	31.7	7:53	19.8	20.4	7:53	17.0	19.1	-
7:54	24.8	30.6	7:54	21.3	20.4	7:54	18.0	19.1	-
7:55	28.5	30.0	7:55	19.0	20.4	7:55	17.8	19.2	-
7:56	25.8	29.5	7:56	25.3	20.8	7:56	18.0	19.2	-
7:57	25.0	29.1	7:57	109.3	26.8	7:57	17.3	19.1	-
7:58	24.3	28.8	7:58	206.0	39.3	7:58	18.3	19.1	-
7:59	25.0	28.3	7:59	182.8	50.2	7:59	18.5	19.1	-
8:00	56.5	30.4	8:00	176.8	60.6	8:00	17.5	18.9	-
8:01	75.0	32.8	8:01	57.3	63.1	8:01	18.0	18.6	-
8:02	95.5	35.5	8:02	157.5	72.2	8:02	17.5	17.8	-
8:03	60.5	37.5	8:03	465.0	101.8	8:03	19.3	17.8	-
8:04	37.8	38.4	8:04	22.3	101.6	8:04	20.3	18.0	-
8:05	32.8	38.9	8:05	20.0	101.5	8:05	17.8	17.9	-
8:06	47.8	40.5	8:06	19.8	101.4	8:06	17.0	17.9	-

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)
8:07	41.0	41.6	8:07	19.0	101.4	8:07	17.3	18.0
8:08	44.3	43.0	8:08	19.8	101.4	8:08	18.0	18.0
8:09	32.8	43.5	8:09	20.0	101.3	8:09	19.3	18.1
8:10	63.5	45.8	8:10	20.0	101.4	8:10	20.8	18.3
8:11	94.0	50.4	8:11	19.8	101.0	8:11	20.0	18.4
8:12	31.5	50.8	8:12	19.0	95.0	8:12	20.3	18.6
8:13	28.5	51.1	8:13	19.0	82.5	8:13	23.8	19.0
8:14	32.8	51.6	8:14	20.0	71.7	8:14	25.3	19.5
8:15	45.5	50.9	8:15	20.0	61.2	8:15	29.8	20.3
8:16	40.3	48.6	8:16	19.5	58.7	8:16	20.8	20.5
8:17	33.3	44.4	8:17	20.3	49.6	8:17	18.8	20.5
8:18	25.5	42.1	8:18	20.8	19.9	8:18	17.5	20.4
8:19	26.5	41.3	8:19	20.0	19.8	8:19	18.8	20.3
8:20	33.8	41.4	8:20	20.0	19.8	8:20	17.3	20.3
8:21	28.5	40.1	8:21	20.0	19.8	8:21	18.8	20.4
8:22	30.5	39.4	8:22	20.0	19.9	8:22	17.3	20.4
8:23	29.8	38.4	8:23	20.0	19.9	8:23	17.8	20.4
8:24	33.5	38.5	8:24	20.3	19.9	8:24	229.0	34.4
8:25	38.5	36.8	8:25	21.3	20.0	8:25	244.5	49.3
8:26	36.5	33.0	8:26	23.3	20.2	8:26	32.5	50.1
8:27	31.0	33.0	8:27	22.0	20.4	8:27	18.0	50.0
8:28	27.5	32.9	8:28	22.0	20.6	8:28	29.3	50.3
8:29	26.5	32.5	8:29	25.8	21.0	8:29	35.8	51.0
8:30	38.5	32.0	8:30	28.5	21.6	8:30	81.3	54.5
8:31	40.0	32.0	8:31	35.0	22.6	8:31	72.0	57.9
8:32	30.5	31.8	8:32	34.5	23.6	8:32	131.0	65.4
8:33	32.3	32.3	8:33	26.5	23.9	8:33	181.3	76.3
8:34	26.3	32.2	8:34	28.3	24.5	8:34	22.5	76.5
8:35	26.8	31.8	8:35	25.5	24.9	8:35	21.8	76.8
8:36	27.0	31.7	8:36	25.5	25.2	8:36	32.3	77.7
8:37	27.0	31.4	8:37	27.3	25.7	8:37	48.3	79.8
8:38	26.3	31.2	8:38	29.5	26.3	8:38	25.0	80.3
8:39	25.8	30.7	8:39	24.0	26.6	8:39	65.0	69.4
8:40	26.0	29.9	8:40	23.8	26.8	8:40	31.3	55.1
8:41	26.8	29.2	8:41	28.0	27.1	8:41	19.0	54.2
8:42	26.8	28.9	8:42	25.0	27.3	8:42	17.3	54.2
8:43	42.8	29.9	8:43	24.5	27.4	8:43	17.0	53.4
8:44	24.0	29.8	8:44	24.3	27.3	8:44	19.3	52.3
8:45	22.0	28.7	8:45	22.3	26.9	8:45	18.0	48.1
8:46	22.8	27.5	8:46	20.3	25.9	8:46	15.0	44.3
8:47	24.0	27.1	8:47	20.0	25.0	8:47	16.3	36.6
8:48	23.3	26.5	8:48	19.5	24.5	8:48	16.5	25.6
8:49	23.5	26.3	8:49	19.5	23.9	8:49	16.8	25.2
8:50	29.8	26.5	8:50	21.0	23.6	8:50	16.5	24.9
8:51	27.8	26.6	8:51	20.8	23.3	8:51	15.5	23.8
8:52	29.8	26.7	8:52	20.0	22.8	8:52	15.8	21.6
8:53	25.3	26.7	8:53	19.5	22.2	8:53	15.3	21.0
8:54	27.5	26.8	8:54	19.3	21.8	8:54	16.8	17.7
8:55	30.8	27.1	8:55	19.3	21.5	8:55	16.8	16.8
8:56	24.0	26.9	8:56	19.8	21.0	8:56	26.5	17.3
8:57	27.0	26.9	8:57	19.3	20.6	8:57	20.5	17.5
8:58	34.5	26.4	8:58	20.0	20.3	8:58	15.3	17.4
8:59	33.3	27.0	8:59	19.8	20.0	8:59	15.0	17.1
9:00	28.0	27.4	9:00	20.0	19.9	9:00	15.0	16.9
9:01	26.0	27.6	9:01	19.3	19.8	9:01	16.5	17.0
9:02	23.8	27.6	9:02	19.0	19.7	9:02	20.0	17.2
9:03	25.5	27.8	9:03	19.8	19.7	9:03	17.8	17.3
9:04	25.5	27.9	9:04	20.3	19.8	9:04	15.8	17.3
9:05	33.8	28.2	9:05	19.0	19.7	9:05	15.3	17.2
9:06	31.0	28.4	9:06	19.0	19.5	9:06	17.3	17.3
9:07	26.0	28.1	9:07	19.5	19.5	9:07	24.8	17.9
9:08	26.0	28.2	9:08	19.8	19.5	9:08	20.3	18.2
9:09	28.5	28.2	9:09	19.8	19.6	9:09	15.0	18.1
9:10	26.0	27.9	9:10	20.5	19.6	9:10	14.5	18.0
9:11	25.5	28.0	9:11	19.8	19.6	9:11	16.5	17.3
9:12	25.5	27.9	9:12	22.8	19.9	9:12	14.5	16.9
9:13	24.5	27.3	9:13	20.0	19.9	9:13	14.0	16.8
9:14	25.5	26.7	9:14	19.5	19.9	9:14	14.0	16.7
9:15	21.5	26.3	9:15	20.8	19.9	9:15	14.0	16.7
9:16	21.8	26.0	9:16	20.0	20.0	9:16	14.0	16.5
9:17	21.3	25.9	9:17	19.8	20.0	9:17	13.8	16.1
9:18	21.0	25.6	9:18	19.3	20.0	9:18	13.8	15.8
9:19	21.3	25.3	9:19	19.8	19.9	9:19	14.3	15.7
9:20	21.8	24.5	9:20	19.0	19.9	9:20	14.3	15.7
9:21	27.5	24.2	9:21	19.0	19.9	9:21	14.0	15.4
9:22	27.0	24.3	9:22	19.0	19.9	9:22	15.5	14.8

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)
9:23	22.8	24.1	9:23	19.0	19.9	9:23	16.3	14.6
9:24	22.0	23.7	9:24	19.0	19.8	9:24	14.0	14.5
9:25	21.3	23.3	9:25	19.3	19.7	9:25	14.0	14.5
9:26	21.3	23.1	9:26	19.3	19.7	9:26	14.3	14.3
9:27	24.3	23.0	9:27	20.0	19.5	9:27	15.3	14.4
9:28	23.3	22.9	9:28	20.0	19.5	9:28	16.0	14.5
9:29	24.8	22.8	9:29	21.8	19.7	9:29	15.8	14.6
9:30	22.3	22.9	9:30	21.5	19.7	9:30	16.8	14.8
9:31	22.8	23.0	9:31	20.0	19.7	9:31	17.3	15.0
9:32	25.3	23.2	9:32	21.0	19.8	9:32	17.8	15.3
9:33	24.0	23.4	9:33	20.3	19.9	9:33	16.5	15.5
9:34	21.3	23.4	9:34	20.3	19.9	9:34	15.8	15.6
9:35	21.5	23.4	9:35	22.3	20.1	9:35	15.8	15.7
9:36	22.0	23.0	9:36	25.0	20.5	9:36	15.3	15.7
9:37	21.5	22.7	9:37	23.8	20.8	9:37	19.8	16.0
9:38	23.8	22.7	9:38	23.5	21.1	9:38	18.8	16.2
9:39	23.8	22.9	9:39	21.0	21.3	9:39	18.0	16.5
9:40	22.0	22.9	9:40	20.0	21.3	9:40	18.0	16.7
9:41	22.0	23.0	9:41	19.0	21.3	9:41	14.3	16.7
9:42	21.3	22.8	9:42	20.5	21.3	9:42	14.0	16.6
9:43	21.0	22.6	9:43	22.8	21.5	9:43	14.0	16.5
9:44	21.0	22.4	9:44	23.0	21.6	9:44	13.8	16.4
9:45	21.8	22.3	9:45	20.8	21.5	9:45	14.0	16.2
9:46	21.3	22.2	9:46	19.8	21.5	9:46	13.0	15.9
9:47	21.0	21.9	9:47	19.5	21.4	9:47	14.8	15.7
9:48	21.0	21.7	9:48	19.0	21.3	9:48	14.8	15.6
9:49	20.3	21.7	9:49	19.0	21.3	9:49	16.0	15.6
9:50	20.0	21.6	9:50	18.8	21.0	9:50	14.3	15.5
9:51	20.0	21.4	9:51	19.0	20.6	9:51	13.3	15.4
9:52	19.3	21.3	9:52	18.8	20.3	9:52	13.5	15.0
9:53	19.8	21.0	9:53	18.3	19.9	9:53	13.5	14.6
9:54	20.3	20.8	9:54	18.0	19.7	9:54	12.3	14.2
9:55	19.0	20.6	9:55	18.3	19.6	9:55	14.0	14.0
9:56	19.0	20.4	9:56	18.5	19.6	9:56	24.8	14.7
9:57	19.0	20.2	9:57	18.0	19.4	9:57	37.8	16.2
9:58	20.0	20.2	9:58	18.0	19.1	9:58	27.0	17.1
9:59	25.3	20.5	9:59	18.0	18.8	9:59	13.0	17.1
10:00	31.3	21.1	10:00	18.0	18.6	10:00	14.0	17.1
10:01	22.8	21.2	10:01	18.0	18.5	10:01	12.5	17.0
10:02	42.0	22.6	10:02	18.5	18.4	10:02	13.5	16.9
10:03	39.0	23.8	10:03	18.0	18.3	10:03	12.5	16.8
10:04	18.0	23.6	10:04	19.0	18.3	10:04	14.3	16.7
10:05	18.0	23.5	10:05	18.8	18.3	10:05	13.8	16.6
10:06	18.8	23.4	10:06	19.0	18.3	10:06	15.5	16.8
10:07	20.8	23.5	10:07	19.0	18.4	10:07	13.5	16.8
10:08	18.8	23.5	10:08	18.0	18.3	10:08	18.0	17.1
10:09	21.5	23.5	10:09	18.0	18.3	10:09	14.8	17.3
10:10	21.3	23.7	10:10	18.0	18.3	10:10	12.8	17.2
10:11	20.0	23.8	10:11	19.0	18.4	10:11	11.5	16.3
10:12	27.5	24.3	10:12	19.5	18.5	10:12	12.0	14.6
10:13	25.5	24.7	10:13	18.0	18.5	10:13	12.5	13.6
10:14	24.8	24.7	10:14	18.0	18.5	10:14	34.5	15.0
10:15	24.5	24.2	10:15	20.3	18.6	10:15	17.8	15.3
10:16	28.0	24.6	10:16	21.8	18.9	10:16	13.8	15.4
10:17	20.3	23.1	10:17	20.8	19.0	10:17	23.8	16.1
10:18	19.5	21.8	10:18	22.0	19.3	10:18	24.3	16.8
10:19	23.8	22.2	10:19	17.5	19.2	10:19	18.3	17.1
10:20	19.8	22.3	10:20	18.0	19.1	10:20	23.3	17.7
10:21	19.5	22.4	10:21	17.5	19.0	10:21	19.5	18.0
10:22	30.8	23.0	10:22	18.0	19.0	10:22	11.5	17.9
10:23	25.5	23.5	10:23	22.0	19.2	10:23	25.0	18.3
10:24	22.5	23.5	10:24	30.3	20.0	10:24	16.0	18.4
10:25	19.3	23.4	10:25	19.0	20.1	10:25	11.0	18.3
10:26	17.0	23.2	10:26	18.5	20.1	10:26	11.0	18.3
10:27	18.5	22.6	10:27	19.0	20.0	10:27	11.0	18.2
10:28	29.0	22.8	10:28	19.0	20.1	10:28	11.0	18.1
10:29	27.0	23.0	10:29	18.0	20.1	10:29	10.8	16.5
10:30	26.0	23.1	10:30	17.8	19.9	10:30	11.0	16.1
10:31	21.3	22.6	10:31	20.5	19.9	10:31	11.0	15.9
10:32	23.3	22.8	10:32	20.8	19.9	10:32	10.3	15.0
10:33	33.3	23.8	10:33	28.8	20.3	10:33	10.8	14.1
10:34	19.5	23.5	10:34	30.8	21.2	10:34	10.3	13.6
10:35	24.5	23.8	10:35	21.5	21.4	10:35	10.8	12.7
10:36	23.0	24.0	10:36	17.0	21.4	10:36	10.0	12.1
10:37	14.0	22.9	10:37	18.8	21.4	10:37	10.0	12.0
10:38	14.0	22.1	10:38	17.3	21.1	10:38	10.0	-

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)	Exceeds Particulate Alarm Limit
10:39	15.3	21.7	10:39	18.3	20.3	10:39	9.8	10.6	-
10:40	20.3	21.7	10:40	19.8	20.4	10:40	9.0	10.4	-
10:41	17.0	21.7	10:41	19.8	20.5	10:41	10.8	10.4	-
10:42	13.0	21.4	10:42	19.0	20.5	10:42	11.3	10.4	-
10:43	13.0	20.3	10:43	17.5	20.4	10:43	9.8	10.4	-
10:44	13.5	19.4	10:44	18.3	20.4	10:44	9.5	10.3	-
10:45	13.5	18.6	10:45	17.3	20.3	10:45	9.3	10.2	-
10:46	14.5	18.1	10:46	18.0	20.2	10:46	10.8	10.1	-
10:47	18.0	17.8	10:47	17.0	19.9	10:47	11.5	10.2	-
10:48	14.5	16.5	10:48	17.0	19.1	10:48	12.8	10.4	-
10:49	15.3	16.2	10:49	17.3	18.2	10:49	10.8	10.4	-
10:50	14.0	15.5	10:50	18.0	18.0	10:50	12.0	10.5	-
10:51	14.0	14.9	10:51	18.0	18.1	10:51	15.3	10.8	-
10:52	13.0	14.9	10:52	23.0	18.4	10:52	12.3	11.0	-
10:53	12.0	14.7	10:53	26.3	19.0	10:53	10.0	11.0	-
10:54	12.0	14.5	10:54	20.8	19.1	10:54	10.8	11.0	-
10:55	12.0	14.0	10:55	18.3	19.0	10:55	11.0	11.2	-
10:56	12.0	13.6	10:56	20.0	19.0	10:56	10.0	11.1	-
10:57	11.3	13.5	10:57	18.3	19.0	10:57	10.0	11.0	-
10:58	11.3	13.4	10:58	18.0	19.0	10:58	10.3	11.1	-
10:59	19.0	13.8	10:59	19.0	19.1	10:59	9.8	11.1	-
11:00	21.5	14.3	11:00	20.8	19.3	11:00	10.0	11.1	-
11:01	17.8	14.5	11:01	24.5	19.7	11:01	13.8	11.3	-
11:02	22.5	14.8	11:02	34.3	20.9	11:02	15.0	11.6	-
11:03	18.8	15.1	11:03	32.8	21.9	11:03	13.0	11.6	-
11:04	15.0	15.1	11:04	24.8	22.4	11:04	11.5	11.6	-
11:05	12.0	14.9	11:05	25.0	22.9	11:05	14.0	11.8	-
11:06	16.8	15.1	11:06	47.3	24.9	11:06	12.8	11.6	-
11:07	20.3	15.6	11:07	36.8	25.8	11:07	12.8	11.6	-
11:08	20.3	16.2	11:08	37.3	26.5	11:08	11.3	11.7	-
11:09	11.3	16.1	11:09	30.5	27.2	11:09	13.3	11.9	-
11:10	12.3	16.1	11:10	23.8	27.5	11:10	11.8	11.9	-
11:11	12.8	16.2	11:11	18.0	27.4	11:11	11.5	12.0	-
11:12	57.5	19.3	11:12	19.0	27.4	11:12	12.5	12.2	-
11:13	15.0	19.5	11:13	19.0	27.5	11:13	10.5	12.2	-
11:14	19.0	19.5	11:14	22.0	27.7	11:14	10.0	12.2	-
11:15	34.3	20.4	11:15	18.8	27.6	11:15	9.5	12.2	-
11:16	18.5	20.4	11:16	12.0	26.7	11:16	35.8	13.7	-
11:17	17.8	20.1	11:17	18.3	25.7	11:17	17.8	13.9	-
11:18	18.0	20.0	11:18	16.0	24.6	11:18	17.8	14.2	-
11:19	18.3	20.3	11:19	15.8	24.0	11:19	23.3	15.0	-
11:20	17.8	20.6	11:20	14.5	23.3	11:20	19.8	15.3	-
11:21	19.0	20.8	11:21	21.8	21.6	11:21	17.0	15.6	-
11:22	18.3	20.7	11:22	26.5	20.9	11:22	11.5	15.5	-
11:23	19.8	20.6	11:23	13.8	19.3	11:23	26.3	16.5	-
11:24	18.3	21.1	11:24	15.3	18.3	11:24	21.0	17.1	-
11:25	18.0	21.5	11:25	18.3	17.9	11:25	16.0	17.3	-
11:26	14.5	21.6	11:26	12.5	17.6	11:26	17.0	17.7	-
11:27	12.5	18.6	11:27	16.8	17.4	11:27	17.0	18.0	-
11:28	12.5	18.4	11:28	30.3	18.2	11:28	17.0	18.4	-
11:29	12.8	18.0	11:29	13.3	17.6	11:29	17.0	18.9	-
11:30	14.0	16.7	11:30	13.0	17.2	11:30	16.8	19.4	-
11:31	15.8	16.5	11:31	14.0	17.3	11:31	17.0	18.1	-
11:32	13.8	16.2	11:32	25.5	17.8	11:32	17.0	18.1	-
11:33	13.3	15.9	11:33	20.0	18.1	11:33	17.8	18.1	-
11:34	17.8	15.9	11:34	14.8	18.0	11:34	17.0	17.7	-
11:35	15.5	15.7	11:35	16.8	18.2	11:35	17.0	17.5	-
11:36	14.8	15.4	11:36	15.5	17.7	11:36	17.5	17.5	-
11:37	15.5	15.2	11:37	16.5	17.1	11:37	52.5	20.3	-
11:38	14.3	14.9	11:38	12.3	17.0	11:38	37.0	21.0	-
11:39	13.3	14.5	11:39	11.5	16.7	11:39	21.5	21.0	-
11:40	18.3	14.6	11:40	19.5	16.8	11:40	17.0	21.1	-
11:41	18.8	14.8	11:41	21.3	17.4	11:41	17.5	21.1	-
11:42	17.0	15.1	11:42	17.8	17.5	11:42	11.3	20.7	-
11:43	17.3	15.5	11:43	12.8	16.3	11:43	12.5	20.4	-
11:44	20.0	15.9	11:44	13.0	16.3	11:44	11.8	20.1	-
11:45	19.3	16.3	11:45	13.3	16.3	11:45	11.3	19.7	-
11:46	17.8	16.4	11:46	14.0	16.3	11:46	14.8	19.6	-
11:47	18.3	16.7	11:47	13.5	15.5	11:47	19.5	19.7	-
11:48	18.8	17.1	11:48	13.8	15.1	11:48	22.5	20.0	-
11:49	18.0	17.1	11:49	14.5	15.1	11:49	30.0	20.9	-
11:50	17.5	17.2	11:50	15.5	15.0	11:50	21.3	21.2	-
11:51	16.3	17.3	11:51	13.0	14.8	11:51	21.3	21.4	-
11:52	17.8	17.5	11:52	13.3	14.6	11:52	23.0	19.5	-
11:53	19.5	17.8	11:53	13.3	14.7	11:53	17.3	18.2	-
11:54	19.5	18.3	11:54	14.3	14.8	11:54	16.3	17.8	-

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)
11:55	17.3	18.2	11:55	13.8	14.5	11:55	13.3	17.6
11:56	16.3	18.0	11:56	12.8	13.9	11:56	17.5	17.6
11:57	19.3	18.2	11:57	13.0	13.6	11:57	15.8	17.9
11:58	16.3	18.1	11:58	12.0	13.5	11:58	10.8	17.7
11:59	16.0	17.8	11:59	13.0	13.5	11:59	16.3	18.0
12:00	19.0	17.8	12:00	13.0	13.5	12:00	18.5	18.5
12:01	17.8	17.8	12:01	13.0	13.4	12:01	33.5	19.8
12:02	17.0	17.7	12:02	13.0	13.4	12:02	56.0	22.2
12:03	17.5	17.7	12:03	14.5	13.5	12:03	24.3	22.3
12:04	18.8	17.7	12:04	14.5	13.5	12:04	14.0	21.3
12:05	17.8	17.7	12:05	14.3	13.4	12:05	15.3	20.9
12:06	16.8	17.8	12:06	13.0	13.4	12:06	17.0	20.6
12:07	17.0	17.7	12:07	21.3	13.9	12:07	11.3	19.8
12:08	17.3	17.6	12:08	16.3	14.1	12:08	11.3	19.4
12:09	16.0	17.3	12:09	12.8	14.0	12:09	11.8	19.1
12:10	16.8	17.3	12:10	12.0	13.9	12:10	12.5	19.0
12:11	17.5	17.4	12:11	13.5	13.9	12:11	13.3	18.8
12:12	18.3	17.3	12:12	15.5	14.1	12:12	15.5	18.7
12:13	16.0	17.3	12:13	13.3	14.2	12:13	13.3	18.9
12:14	19.8	17.5	12:14	14.0	14.3	12:14	12.0	18.6
12:15	21.5	17.7	12:15	12.3	14.2	12:15	10.8	18.1
12:16	19.0	17.8	12:16	12.3	14.2	12:16	12.5	16.7
12:17	16.5	17.8	12:17	12.8	14.1	12:17	12.3	13.8
12:18	16.0	17.7	12:18	13.0	14.0	12:18	12.8	13.0
12:19	16.0	17.5	12:19	13.3	14.0	12:19	12.0	12.9
12:20	16.0	17.4	12:20	15.3	14.0	12:20	11.3	12.6
12:21	16.0	17.3	12:21	15.5	14.2	12:21	14.3	12.4
12:22	16.0	17.2	12:22	13.8	13.7	12:22	14.8	12.7
12:23	16.5	17.2	12:23	13.8	13.5	12:23	14.0	12.9
12:24	17.5	17.3	12:24	14.0	13.6	12:24	18.5	13.3
12:25	17.3	17.3	12:25	14.0	13.7	12:25	16.5	13.6
12:26	16.8	17.3	12:26	15.3	13.9	12:26	23.3	14.2
12:27	16.8	17.2	12:27	16.8	13.9	12:27	13.3	14.1
12:28	17.3	17.3	12:28	15.5	14.1	12:28	15.0	14.2
12:29	20.8	17.3	12:29	15.0	14.2	12:29	14.0	14.3
12:30	21.0	17.3	12:30	12.8	14.2	12:30	11.8	14.4
12:31	17.0	17.2	12:31	12.8	14.2	12:31	25.0	15.2
12:32	17.0	17.2	12:32	15.5	14.4	12:32	17.3	15.6
12:33	16.8	17.2	12:33	12.8	14.4	12:33	13.8	15.6
12:34	15.8	17.2	12:34	12.0	14.3	12:34	23.3	16.4
12:35	16.0	17.2	12:35	14.0	14.2	12:35	16.5	16.7
12:36	16.0	17.2	12:36	11.8	14.0	12:36	11.3	16.5
12:37	16.0	17.2	12:37	14.3	14.0	12:37	14.3	16.5
12:38	17.3	17.3	12:38	17.0	14.2	12:38	21.0	17.0
12:39	18.0	17.3	12:39	13.0	14.2	12:39	15.0	16.7
12:40	16.3	17.2	12:40	12.0	14.0	12:40	12.5	16.5
12:41	16.0	17.2	12:41	12.0	13.8	12:41	18.0	16.1
12:42	16.0	17.1	12:42	14.8	13.7	12:42	29.3	17.2
12:43	16.0	17.1	12:43	14.8	13.6	12:43	19.8	17.5
12:44	16.0	16.7	12:44	13.5	13.5	12:44	14.5	17.5
12:45	15.5	16.4	12:45	14.0	13.6	12:45	18.8	18.0
12:46	16.5	16.3	12:46	12.8	13.6	12:46	19.5	17.6
12:47	17.5	16.4	12:47	15.0	13.6	12:47	17.0	17.6
12:48	16.8	16.4	12:48	21.3	14.1	12:48	21.0	18.1
12:49	17.0	16.5	12:49	16.5	14.4	12:49	48.8	19.8
12:50	17.0	16.5	12:50	15.8	14.6	12:50	41.0	21.4
12:51	17.0	16.6	12:51	17.3	14.9	12:51	14.0	21.6
12:52	16.8	16.6	12:52	13.8	14.9	12:52	19.3	22.0
12:53	16.0	16.6	12:53	12.0	14.6	12:53	20.3	21.9
12:54	16.0	16.4	12:54	13.0	14.6	12:54	17.0	22.0
12:55	16.0	16.4	12:55	12.3	14.6	12:55	18.0	22.4
12:56	16.5	16.4	12:56	12.8	14.6	12:56	19.0	22.5
12:57	16.0	16.4	12:57	14.0	14.6	12:57	15.3	21.5
12:58	16.0	16.4	12:58	15.8	14.6	12:58	12.0	21.0
12:59	16.0	16.4	12:59	15.3	14.8	12:59	12.0	20.9
13:00	16.0	16.5	13:00	14.3	14.8	13:00	12.0	20.4
13:01	16.0	16.4	13:01	13.3	14.8	13:01	12.0	19.9
13:02	16.5	16.4	13:02	13.3	14.7	13:02	12.0	19.6
13:03	21.8	16.7	13:03	13.8	14.2	13:03	12.0	19.0
13:04	17.0	16.7	13:04	12.8	13.9	13:04	12.0	16.5
13:05	17.5	16.7	13:05	12.5	13.7	13:05	11.5	14.6
13:06	22.0	17.1	13:06	13.0	13.4	13:06	12.0	14.4
13:07	18.5	17.2	13:07	15.3	13.5	13:07	13.3	14.0
13:08	19.8	17.4	13:08	15.0	13.7	13:08	13.0	13.5
13:09	22.8	17.9	13:09	24.0	14.5	13:09	14.3	13.4
13:10	22.3	18.3	13:10	36.3	16.1	13:10	25.5	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)
13:11	30.8	19.3	13:11	20.8	16.6	13:11	18.3	13.8
13:12	28.8	20.1	13:12	15.8	16.7	13:12	12.8	13.6
13:13	27.8	20.9	13:13	17.0	16.8	13:13	12.3	13.7
13:14	31.3	21.9	13:14	16.8	16.9	13:14	13.5	13.8
13:15	30.0	22.8	13:15	15.0	17.0	13:15	16.0	14.0
13:16	33.3	24.0	13:16	15.0	17.1	13:16	14.0	14.2
13:17	29.8	24.9	13:17	19.0	17.5	13:17	14.3	14.3
13:18	28.8	25.3	13:18	24.0	18.1	13:18	16.8	14.6
13:19	28.0	26.1	13:19	17.3	18.4	13:19	14.3	14.8
13:20	21.3	26.3	13:20	13.0	18.5	13:20	11.8	14.8
13:21	25.8	26.6	13:21	13.3	18.5	13:21	12.8	14.8
13:22	22.8	26.9	13:22	13.0	18.3	13:22	13.0	14.8
13:23	17.8	26.7	13:23	13.0	18.2	13:23	14.0	14.9
13:24	16.5	26.3	13:24	11.5	17.4	13:24	12.3	14.8
13:25	17.5	26.0	13:25	11.0	15.7	13:25	11.3	13.8
13:26	16.0	25.0	13:26	11.5	15.1	13:26	12.0	13.4
13:27	15.3	24.1	13:27	11.5	14.8	13:27	12.0	13.3
13:28	15.5	23.3	13:28	11.0	14.4	13:28	13.0	13.4
13:29	15.5	22.2	13:29	11.0	14.0	13:29	13.5	13.4
13:30	15.8	21.3	13:30	12.0	13.8	13:30	14.0	13.3
13:31	15.0	20.1	13:31	15.3	13.8	13:31	15.3	13.3
13:32	15.8	19.1	13:32	15.0	13.6	13:32	18.8	13.6
13:33	16.5	18.3	13:33	13.0	12.8	13:33	20.5	13.9
13:34	16.3	17.5	13:34	13.0	12.5	13:34	19.3	14.2
13:35	15.0	17.1	13:35	13.5	12.6	13:35	16.0	14.5
13:36	15.5	16.4	13:36	18.0	12.9	13:36	16.8	14.8
13:37	15.0	15.9	13:37	14.3	13.0	13:37	18.8	15.2
13:38	16.0	15.8	13:38	13.5	13.0	13:38	18.5	15.5
13:39	15.8	15.8	13:39	25.0	13.9	13:39	14.5	15.6
13:40	16.0	15.7	13:40	13.3	14.1	13:40	15.3	15.9
13:41	16.0	15.7	13:41	14.3	14.2	13:41	13.8	16.0
13:42	16.0	15.7	13:42	16.0	14.5	13:42	19.8	16.5
13:43	16.0	15.7	13:43	15.5	14.8	13:43	19.5	16.9
13:44	17.0	15.8	13:44	14.5	15.1	13:44	18.0	17.2
13:45	16.0	15.9	13:45	12.0	15.1	13:45	16.8	17.4
13:46	16.0	15.9	13:46	11.0	14.8	13:46	17.0	17.5
13:47	15.0	15.9	13:47	11.8	14.6	13:47	16.8	17.4
13:48	15.0	15.8	13:48	12.0	14.5	13:48	14.8	17.0
13:49	15.0	15.7	13:49	12.5	14.5	13:49	16.0	16.8
13:50	15.0	15.7	13:50	72.5	18.4	13:50	15.5	16.8
13:51	15.8	15.7	13:51	465.5	48.2	13:51	16.3	16.7
13:52	17.0	15.8	13:52	28.3	49.2	13:52	18.5	16.7
13:53	16.0	15.8	13:53	17.3	49.4	13:53	17.8	16.7
13:54	16.0	15.9	13:54	13.3	48.6	13:54	19.5	17.0
13:55	16.0	15.9	13:55	13.8	48.7	13:55	16.5	17.1
13:56	16.0	15.9	13:56	12.8	48.6	13:56	16.8	17.3
13:57	16.8	15.9	13:57	13.8	48.4	13:57	18.8	17.2
13:58	16.3	15.9	13:58	16.3	48.5	13:58	17.3	17.1
13:59	17.3	15.9	13:59	13.0	48.4	13:59	17.0	17.0
14:00	20.3	16.2	14:00	16.5	48.7	14:00	17.8	17.1
14:01	19.3	16.4	14:01	13.3	48.8	14:01	19.0	17.2
14:02	18.8	16.7	14:02	12.3	48.9	14:02	24.3	17.7
14:03	18.0	16.9	14:03	12.8	48.9	14:03	25.0	18.4
14:04	16.0	17.0	14:04	14.8	49.1	14:04	20.5	18.7
14:05	16.0	17.0	14:05	13.5	45.1	14:05	16.0	18.7
14:06	16.3	17.1	14:06	12.3	14.9	14:06	17.3	18.8
14:07	17.0	17.1	14:07	13.0	13.9	14:07	20.5	18.9
14:08	17.5	17.2	14:08	13.5	13.6	14:08	17.8	18.9
14:09	17.5	17.3	14:09	13.3	13.6	14:09	15.5	18.7
14:10	19.0	17.5	14:10	15.0	13.7	14:10	15.0	18.6
14:11	18.0	17.6	14:11	24.3	14.5	14:11	17.3	18.6
14:12	51.3	19.9	14:12	15.8	14.6	14:12	28.3	19.2
14:13	134.8	27.8	14:13	14.3	14.5	14:13	22.0	19.5
14:14	19.3	27.9	14:14	13.5	14.5	14:14	24.0	20.0
14:15	18.3	27.8	14:15	12.8	14.3	14:15	15.5	19.9
14:16	15.0	27.5	14:16	19.3	14.7	14:16	16.3	19.7
14:17	14.0	27.2	14:17	13.8	14.8	14:17	18.0	19.3
14:18	15.8	27.0	14:18	12.0	14.7	14:18	22.3	19.1
14:19	17.5	27.1	14:19	12.0	14.5	14:19	19.5	19.0
14:20	14.5	27.0	14:20	11.0	14.4	14:20	17.8	19.1
14:21	14.0	26.9	14:21	11.0	14.3	14:21	19.3	19.3
14:22	14.0	26.7	14:22	13.0	14.3	14:22	17.3	19.0
14:23	14.0	26.5	14:23	13.0	14.3	14:23	16.3	18.9
14:24	14.0	26.2	14:24	13.5	14.3	14:24	63.5	22.1
14:25	14.0	25.9	14:25	17.0	14.4	14:25	37.0	23.6
14:26	15.8	25.7	14:26	18.8	14.0	14:26	33.5	24.7

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)
14:27	15.0	23.3	14:27	12.5	13.8	14:27	26.5	24.6
14:28	14.0	15.3	14:28	14.3	13.8	14:28	20.0	24.4
14:29	14.5	15.0	14:29	13.5	13.8	14:29	16.8	24.0
14:30	14.8	14.7	14:30	12.3	13.8	14:30	15.0	23.9
14:31	14.8	14.7	14:31	12.5	13.3	14:31	16.8	24.0
14:32	15.3	14.8	14:32	12.0	13.2	14:32	18.0	24.0
14:33	14.8	14.7	14:33	14.3	13.4	14:33	18.0	23.7
14:34	14.0	14.5	14:34	12.8	13.4	14:34	27.0	24.2
14:35	14.0	14.5	14:35	11.0	13.4	14:35	48.0	26.2
14:36	17.3	14.7	14:36	47.3	15.8	14:36	26.3	26.7
14:37	16.8	14.9	14:37	29.0	16.9	14:37	15.3	26.5
14:38	14.8	14.9	14:38	15.0	17.0	14:38	15.8	26.5
14:39	14.3	14.9	14:39	13.0	17.0	14:39	16.0	23.3
14:40	15.8	15.0	14:40	13.0	16.7	14:40	18.5	22.1
14:41	16.3	15.1	14:41	13.0	16.4	14:41	17.5	21.0
14:42	17.0	15.2	14:42	14.0	16.5	14:42	17.0	20.4
14:43	17.8	15.5	14:43	13.3	16.4	14:43	14.3	20.0
14:44	17.3	15.6	14:44	12.0	16.3	14:44	16.3	20.0
14:45	16.3	15.7	14:45	14.3	16.4	14:45	16.0	20.0
14:46	15.5	15.8	14:46	14.0	16.5	14:46	21.8	20.4
14:47	14.0	15.7	14:47	12.0	16.5	14:47	38.8	21.8
14:48	15.5	15.8	14:48	11.5	16.3	14:48	32.0	22.7
14:49	18.8	16.1	14:49	11.5	16.3	14:49	17.0	22.0
14:50	19.8	16.5	14:50	11.5	16.3	14:50	18.3	20.0
14:51	23.5	16.9	14:51	11.0	13.9	14:51	18.0	19.5
14:52	125.0	24.1	14:52	11.0	12.7	14:52	16.0	19.5
14:53	280.8	41.8	14:53	11.0	12.4	14:53	18.8	19.7
14:54	20.5	42.2	14:54	10.8	12.3	14:54	19.0	19.9
14:55	14.0	42.1	14:55	10.5	12.1	14:55	17.3	19.9
14:56	13.8	42.0	14:56	11.5	12.0	14:56	28.5	20.6
14:57	15.0	41.8	14:57	11.8	11.8	14:57	25.3	21.1
14:58	15.5	41.7	14:58	11.5	11.7	14:58	17.5	21.4
14:59	16.8	41.6	14:59	31.5	13.0	14:59	15.8	21.3
15:00	16.3	41.6	15:00	23.0	13.6	15:00	15.0	21.3
15:01	16.3	41.7	15:01	12.8	13.5	15:01	21.0	21.2
15:02	15.0	41.8	15:02	11.8	13.5	15:02	28.8	20.5
15:03	16.3	41.8	15:03	11.8	13.5	15:03	30.5	20.4
15:04	15.5	41.6	15:04	14.5	13.7	15:04	29.0	21.2
15:05	15.0	41.3	15:05	16.3	14.0	15:05	19.3	21.3
15:06	14.0	40.6	15:06	15.5	14.3	15:06	19.3	21.4
15:07	14.0	33.2	15:07	13.0	14.5	15:07	22.8	21.8
15:08	13.8	15.4	15:08	13.5	14.6	15:08	18.8	21.8
15:09	18.3	15.3	15:09	13.5	14.8	15:09	21.3	22.0
15:10	23.0	15.9	15:10	14.3	15.1	15:10	20.5	22.2
15:11	13.5	15.9	15:11	12.8	15.2	15:11	17.3	21.5
15:12	17.5	16.0	15:12	23.3	15.9	15:12	16.3	20.9
15:13	15.0	16.0	15:13	16.3	16.2	15:13	16.0	20.8
15:14	15.0	15.9	15:14	11.0	14.9	15:14	16.5	20.8
15:15	14.8	15.8	15:15	14.3	14.3	15:15	20.0	21.1
15:16	15.3	15.7	15:16	14.0	14.4	15:16	18.5	21.0
15:17	15.3	15.7	15:17	12.3	14.4	15:17	24.3	20.7
15:18	15.5	15.7	15:18	14.3	14.6	15:18	22.5	20.1
15:19	14.0	15.6	15:19	17.5	14.8	15:19	19.3	19.5
15:20	16.0	15.7	15:20	11.8	14.5	15:20	19.3	19.5
15:21	19.5	16.0	15:21	12.0	14.2	15:21	17.5	19.4
15:22	15.8	16.1	15:22	11.3	14.1	15:22	23.3	19.4
15:23	17.0	16.4	15:23	12.5	14.1	15:23	22.3	19.6
15:24	15.5	16.2	15:24	12.8	14.0	15:24	18.3	19.4
15:25	16.3	15.7	15:25	11.8	13.8	15:25	17.8	19.3
15:26	15.8	15.9	15:26	11.5	13.8	15:26	14.5	19.1
15:27	14.3	15.7	15:27	14.8	13.2	15:27	19.0	19.3
15:28	14.0	15.6	15:28	13.3	13.0	15:28	19.0	19.5
15:29	16.0	15.7	15:29	13.8	13.2	15:29	15.8	19.4
15:30	16.0	15.7	15:30	15.0	13.2	15:30	15.8	19.1
15:31	14.8	15.7	15:31	13.8	13.2	15:31	14.0	18.8
15:32	15.0	15.7	15:32	12.5	13.2	15:32	15.3	18.2
15:33	16.0	15.7	15:33	13.0	13.1	15:33	14.3	17.7
15:34	26.8	16.6	15:34	14.3	12.9	15:34	15.0	17.4
15:35	20.0	16.8	15:35	16.5	13.2	15:35	24.5	17.7
15:36	29.5	17.5	15:36	40.8	15.2	15:36	22.8	18.1
15:37	23.3	18.0	15:37	36.8	16.9	15:37	21.8	18.0
15:38	16.3	18.0	15:38	23.8	17.6	15:38	21.0	17.9
15:39	15.8	18.0	15:39	16.8	17.9	15:39	19.8	18.0
15:40	18.0	18.1	15:40	13.5	18.0	15:40	19.0	18.1
15:41	27.3	18.9	15:41	11.3	18.0	15:41	19.0	18.4
15:42	20.0	19.2	15:42	13.5	17.9	15:42	20.3	18.5

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)
15:43	20.8	19.7	15:43	11.8	17.8	15:43	25.0	18.9
15:44	23.8	20.2	15:44	11.0	17.6	15:44	14.8	18.8
15:45	18.3	20.4	15:45	12.5	17.4	15:45	15.8	18.8
15:46	20.5	20.7	15:46	12.3	17.3	15:46	26.8	19.7
15:47	20.3	21.1	15:47	11.8	17.3	15:47	20.3	20.0
15:48	16.5	21.1	15:48	12.0	17.2	15:48	17.0	20.2
15:49	22.0	20.8	15:49	17.0	17.4	15:49	14.3	20.1
15:50	71.5	24.2	15:50	16.5	17.4	15:50	13.3	19.4
15:51	97.3	28.8	15:51	14.8	15.7	15:51	18.3	19.1
15:52	17.8	28.4	15:52	10.8	13.9	15:52	26.5	19.4
15:53	45.5	30.3	15:53	11.8	13.1	15:53	15.5	19.0
15:54	26.3	31.0	15:54	13.8	12.9	15:54	14.8	18.7
15:55	15.3	30.9	15:55	13.0	12.9	15:55	13.5	18.3
15:56	17.3	30.2	15:56	13.0	13.0	15:56	13.5	18.0
15:57	23.3	30.4	15:57	12.8	13.0	15:57	13.3	17.5
15:58	17.5	30.2	15:58	10.8	12.9	15:58	13.5	16.7
15:59	58.3	32.5	15:59	10.8	12.9	15:59	13.8	16.7
16:00	39.8	33.9	16:00	17.5	13.2	16:00	13.8	16.5
16:01	32.8	34.7	16:01	13.0	13.3	16:01	14.5	15.7
16:02	16.0	34.5	16:02	15.3	13.5	16:02	19.3	15.6
16:03	16.8	34.5	16:03	12.3	13.5	16:03	17.5	15.7
16:04	24.8	34.7	16:04	12.5	13.2	16:04	16.5	15.8
16:05	18.5	31.1	16:05	12.8	13.0	16:05	14.8	15.9
16:06	14.3	25.6	16:06	14.5	13.0	16:06	18.3	15.9
16:07	14.0	25.3	16:07	12.3	13.1	16:07	14.0	15.1
16:08	18.8	23.6	16:08	17.5	13.4	16:08	16.0	15.1
16:09	15.3	22.8	16:09	11.0	13.3	16:09	19.8	15.5
16:10	16.5	22.9	16:10	11.3	13.1	16:10	19.8	15.9
16:11	17.3	22.9	16:11	13.0	13.1	16:11	15.8	16.0
16:12	19.8	22.7	16:12	10.8	13.0	16:12	15.8	16.2
16:13	20.8	22.9	16:13	10.5	13.0	16:13	14.3	16.2
16:14	16.6	20.1	16:14	11.0	13.0	16:14	13.5	16.2
16:15	15.0	18.5	16:15	13.5	12.7	16:15	16.8	16.4
16:16	31.0	18.3	16:16	11.0	12.6	16:16	22.5	17.0
16:17	25.6	19.0	16:17	10.5	12.3	16:17	28.3	17.6
16:18	17.2	19.0	16:18	11.0	12.2	16:18	21.8	17.8
16:19	15.0	18.4	16:19	11.0	12.1	16:19	15.0	17.7
16:20	15.8	18.2	16:20	11.3	12.0	16:20	18.3	18.0
16:21	32.0	19.4	16:21	11.0	11.8	16:21	18.5	18.0
16:22	56.2	22.2	16:22	10.8	11.7	16:22	18.5	18.3
16:23	24.2	22.5	16:23	10.5	11.2	16:23	14.8	18.2
16:24	16.6	22.6	16:24	10.3	11.2	16:24	14.3	17.8
16:25	19.6	22.8	16:25	11.0	11.1	16:25	16.3	17.6
16:26	19.6	23.0	16:26	10.0	10.9	16:26	22.5	18.1
16:27	17.4	22.8	16:27	11.5	11.0	16:27	19.8	18.3
16:28	16.2	22.5	16:28	10.5	11.0	16:28	18.5	18.6
16:29	14.4	22.4	16:29	10.0	10.9	16:29	21.5	19.1
16:30	13.4	22.3	16:30	10.0	10.7	16:30	17.5	19.2
16:31	14.0	21.1	16:31	10.0	10.6	16:31	17.3	18.8
16:32	14.8	20.4	16:32	15.0	10.9	16:32	16.8	18.1
16:33	14.0	20.2	16:33	37.0	12.7	16:33	16.0	17.7
16:34	14.8	20.2	16:34	20.5	13.3	16:34	16.3	17.8
16:35	15.0	20.1	16:35	25.8	14.3	16:35	15.5	17.6
16:36	14.0	18.9	16:36	19.0	14.8	16:36	16.3	17.4
16:37	14.0	16.1	16:37	18.5	15.3	16:37	20.5	17.6
16:38	13.8	15.4	16:38	14.0	15.5	16:38	17.8	17.8
16:39	13.6	15.2	16:39	11.3	15.6	16:39	16.5	17.9
16:40	14.8	14.9	16:40	10.0	15.5	16:40	15.8	17.9
16:41	16.2	14.7	16:41	24.5	16.5	16:41	16.0	17.5

Monday, March 6, 2023									
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 = 0									
Number of Comparable Data Points = 561									
Start Time: 6:57									
End Time: 16:41									
PID DATA									
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)	Exceeds Particulate Alarm Limit
6:57	0.0	-	6:57	-	-	6:57	-	-	-
6:58	0.0	-	6:58	-	-	6:58	-	-	-
6:59	0.0	-	6:59	-	-	6:59	-	-	-
7:00	0.0	-	7:00	-	-	7:00	-	-	-
7:01	0.0	-	7:01	-	-	7:01	-	-	-
7:02	0.0	-	7:02	-	-	7:02	-	-	-
7:03	0.0	-	7:03	-	-	7:03	-	-	-
7:04	0.0	-	7:04	-	-	7:04	-	-	-
7:05	0.0	-	7:05	0.0	-	7:05	-	-	-
7:06	0.0	-	7:06	-	-	7:06	0.0	-	-
7:07	0.0	-	7:07	-	-	7:07	0.0	-	-
7:08	0.0	-	7:08	-	-	7:08	0.0	-	-
7:09	0.0	-	7:09	-	-	7:09	0.0	-	-
7:10	0.0	-	7:10	-	-	7:10	0.0	-	-
7:11	0.0	-	7:11	-	-	7:11	0.0	-	-
7:12	0.0	0.0	7:12	0.0	-	7:12	0.0	-	-
7:13	0.0	0.0	7:13	0.0	-	7:13	0.0	-	-
7:14	0.0	0.0	7:14	0.0	-	7:14	0.0	-	-
7:15	0.0	0.0	7:15	0.0	-	7:15	0.0	-	-
7:16	0.0	0.0	7:16	0.0	-	7:16	0.0	-	-
7:17	0.0	0.0	7:17	0.0	-	7:17	0.0	-	-
7:18	0.0	0.0	7:18	0.0	-	7:18	0.0	-	-
7:19	0.0	0.0	7:19	0.0	-	7:19	0.0	-	-
7:20	0.0	0.0	7:20	0.0	-	7:20	0.0	-	-
7:21	0.0	0.0	7:21	0.0	-	7:21	0.0	0.0	-
7:22	0.0	0.0	7:22	0.0	-	7:22	0.0	0.0	-
7:23	0.0	0.0	7:23	0.0	-	7:23	0.0	0.0	-
7:24	0.0	0.0	7:24	0.0	-	7:24	0.0	0.0	-
7:25	0.0	0.0	7:25	0.0	-	7:25	0.0	0.0	-
7:26	0.0	0.0	7:26	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	-

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)	
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	-
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	-

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)		
9:23	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	-	
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	-	









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