

# LANGAN SITE OBSERVATION REPORT – Day 096

<b>CLIENT:</b>	Gowanus Canal LLC and GowCan Owner, LLC	<b>DATE:</b>	Thursday, January 5, 2023			
<b>PROJECT No.:</b>	170295301	<b>WEATHER:</b>	Cloudy, 48 to 51 °F Wind: ENE @ 1 - 3 mph			
<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>Junttan PM20/25 Drill Rig</b> 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					
<b>PRESENT AT SITE:</b>						
<b>Langan:</b> Brian Kenneally (Environmental), Kevin Leong (Geotechnical) <b>Urban Atelier Group (UAG):</b> Seth Anderson <b>Kingdom Associates, Inc. (Kingdom):</b> Marcin Hulewicz, George Minchala <b>New York State Department of Environmental Conservation (NYSDEC):</b> Scott Deyette						

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

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.

### Site Activities

- Kingdom exported non-hazardous drilling spoils (SB\_COMP\_01-03-04\_0-85) and historic fill from waste characterization cells WC01, WC02 and WC05 (WC01\_COMP\_0-5, WC02\_COMP\_0-5, WC05\_COMP\_5-10, WC05\_COMP\_10-15, WC05\_COMP\_15-20, and SP01\_11232022) using permitted tri-axle trucks for off-site disposal. See material tracking section for details.
- Kingdom imported five truckloads of 0.5-inch crushed stone. The stone was used to backfill the eastern portion of Remedial Excavation No. 1 in the northern part of Society Brooklyn following in-situ treatment. See material tracking section for details.
- Kingdom imported two truckloads of 0.75-inch crushed stone. The stone was stockpiled in the northeastern part of Sackett Place to be used for future site stabilization. See material tracking section for details.
- Kingdom imported one truckload of 2.5-inch virgin stone. The stone was used to repair the stabilized construction entrance and truck tracking pad in the southwestern part of Society Brooklyn. See material tracking section for details.
- Kingdom excavated an about 30-foot-long by 20-foot-wide area within the western part of Remedial Excavation Area No. 1 to about 8 feet below grade surface (bgs) (approximate elevation 1 foot NAVD88) in the northern part of Society Brooklyn. Excavated material consisted of historic fill.
  - Excavated historic fill was screened for odor, staining, and organic vapor using a photoionization detector (PID). Petroleum-like impacts including petroleum-like odor, staining, and a maximum PID reading of 0.6 parts per million (ppm) were observed. Odor suppressant was applied to mitigate odor during excavation.
  - Excavated historic fill was live-loaded into permitted tri-axle trucks for off-site disposal and stockpiled in the northwestern part of Society Brooklyn on top of and covered with polyethylene sheeting pending future off-site disposal.

Cc:	J. Hayes, M. Burke, P. Farnham, E. Adkins, A. Nesci	By:	Brian Kenneally <b>Langan, D.P.C.</b>
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- Kingdom excavated one structural pile cap to a maximum depth of about 4 feet bgs to install formwork in the northeastern part of Society Brooklyn. Excavated material consisted of historic fill.
  - Excavated historic fill was screened for odor, staining, and organic vapor using a PID. Petroleum-like impacts including petroleum-like odor, staining, and a maximum PID reading of 2.4 ppm were observed.
  - The excavated historic fill was live-loaded into permitted tri-axle trucks for off-site disposal.
- Kingdom excavated three structural pile cap areas within the future cellar to a maximum depth of about 18 feet bgs to install formwork in the southeastern part of Society Brooklyn. Excavated material consisted of soil.
  - Excavated soil was screened for odor, staining, and organic vapor using a PID. No impacts were observed.
  - The excavated historic fill was stockpiled 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 6-foot-wide area to about 10 feet bgs for timber lagging installation in the northern part of Sackett Place. Excavated material consisted of historic fill.
  - Excavated historic fill was screened for odor, staining, and organic vapor using a PID. Petroleum-like impacts including petroleum-like odor and staining were observed.
  - The excavated historic fill was temporarily stockpiled within the excavation of origin pending future excavation and off-site disposal.
- Kingdom excavated an about 20-foot-long by 15-foot-wide area to about 6-inches bgs in the southwestern part of Society Brooklyn to remove the previously installed stabilized construction entrance. Excavated material consisted of previously imported 2.5-inch virgin stone and historic fill
  - Excavated material was screened for odor, staining, and organic vapor using a PID. No impacts were observed.
  - The excavated material was placed in the central part of central part of Society Brooklyn for site stabilization.

### **Import and Export Tracking**

- Kingdom exported 24 truckloads of non-hazardous drilling spoils (SB\_COMP\_01-03-04\_0-85) and historic fill from waste characterization cells WC01, WC02 and WC05 (WC01\_COMP\_0-5, WC02\_COMP\_0-5, WC05\_COMP\_5-10, WC05\_COMP\_10-15, WC05\_COMP\_15-20, and SP01\_11232022) to Bayshore Soil Management (BSM) in Keasbey, NJ.
- Kingdom imported five truckloads of 0.5-inch crushed stone from the Impact Environmental facility in Jersey City, NJ.
- Kingdom imported two truckloads of 0.75-inch crushed stone from the Impact Environmental facility in Lyndhurst, NJ.
- Kingdom imported one truckload of 2.5-inch virgin quarry stone from the 87 19<sup>th</sup> Avenue site in Astoria, NY. The 2.5-inch stone was originally sourced from Braen Aggregates quarry in Franklin, NJ and Stavola Oldwick quarry in Oldwick, NJ.

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Soil/Fill Export Summary			
Facility	Exported	Today	Total
<b>Bayshore Soil Management</b> Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	24	<b>525</b>
	Quantity (CY)	480	<b>10,500</b>
<b>Bayshore Soil Management</b> Keasbey, NJ Non-Hazardous MGP-Impacted Soil/Fill	No. Loads	0	<b>79</b>
	Quantity (CY)	0	<b>1,580</b>

Material Import Summary				
Facility	NYSDEC Approved Quantity (CY)	Imported	Today	Total
<b>Stavola Construction Materials, Inc</b> Bridgewater, NJ 2.5-inch Stone	1,000	No. Loads	0	<b>8</b>
		Quantity (CY)	0	<b>160</b>
<b>87 19<sup>th</sup> Avenue</b> Astoria, NY 2.5-inch Stone	2,000	No. Loads	1	<b>14</b>
		Quantity (CY)	20	<b>310</b>
<b>Impact Environmental</b> Jersey City, NJ 0.5-inch Crushed Stone	2,000	No. Loads	5	<b>18</b>
		Quantity (CY)	100	<b>360</b>
<b>Impact Environmental</b> Lyndhurst, NJ 0.75-inch Stone	4,000	No. Loads	2	<b>5</b>
		Quantity (CY)	40	<b>100</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 SOE at Society Brooklyn and Sackett Place.
- Kingdom will import virgin stone to repair the truck tracking pads.
- Kingdom will continue excavation for structural pile cap installation at Society Brooklyn and Sackett Place.
- Kingdom will continue remedial excavation and Petrofix application in the northern part of Society Brooklyn.

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## Site Photographs:



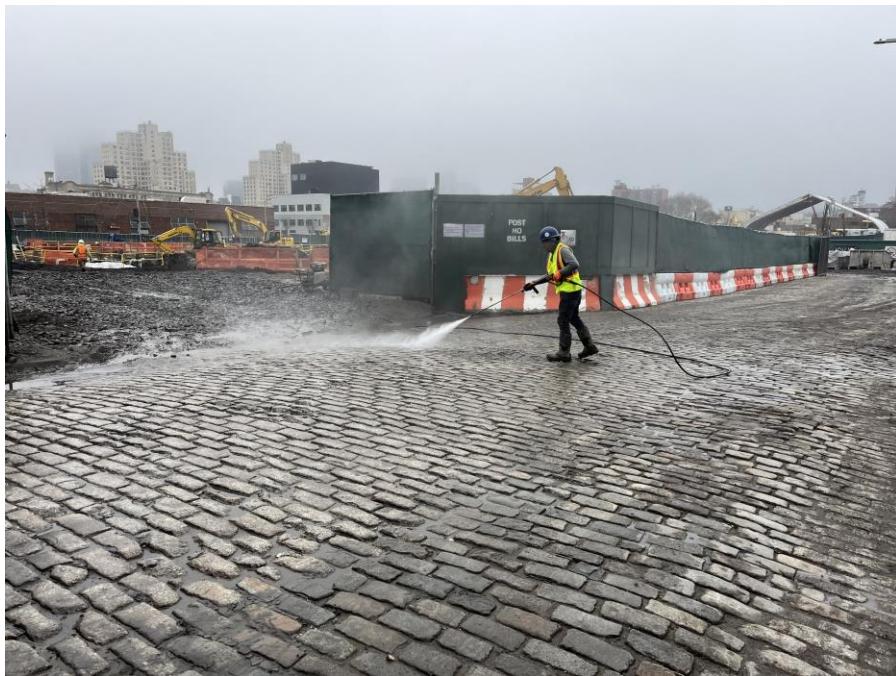
**Photo 1:** Kingdom applying ATMOS odor suppressing foam in the western part of Remedial Excavation Area No. 1 in the northern part of Society Brooklyn (facing southeast)



**Photo 2:** Kingdom repairing the stabilized construction entrance with 2.5-inch stone in the southwestern part of Society Brooklyn (facing southwest)

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Nesci

By: Brian Kenneally  
**Langan, D.P.C.**



**Photo 3:** Kingdom cleaning sediment out of Sackett Street (facing northeast)



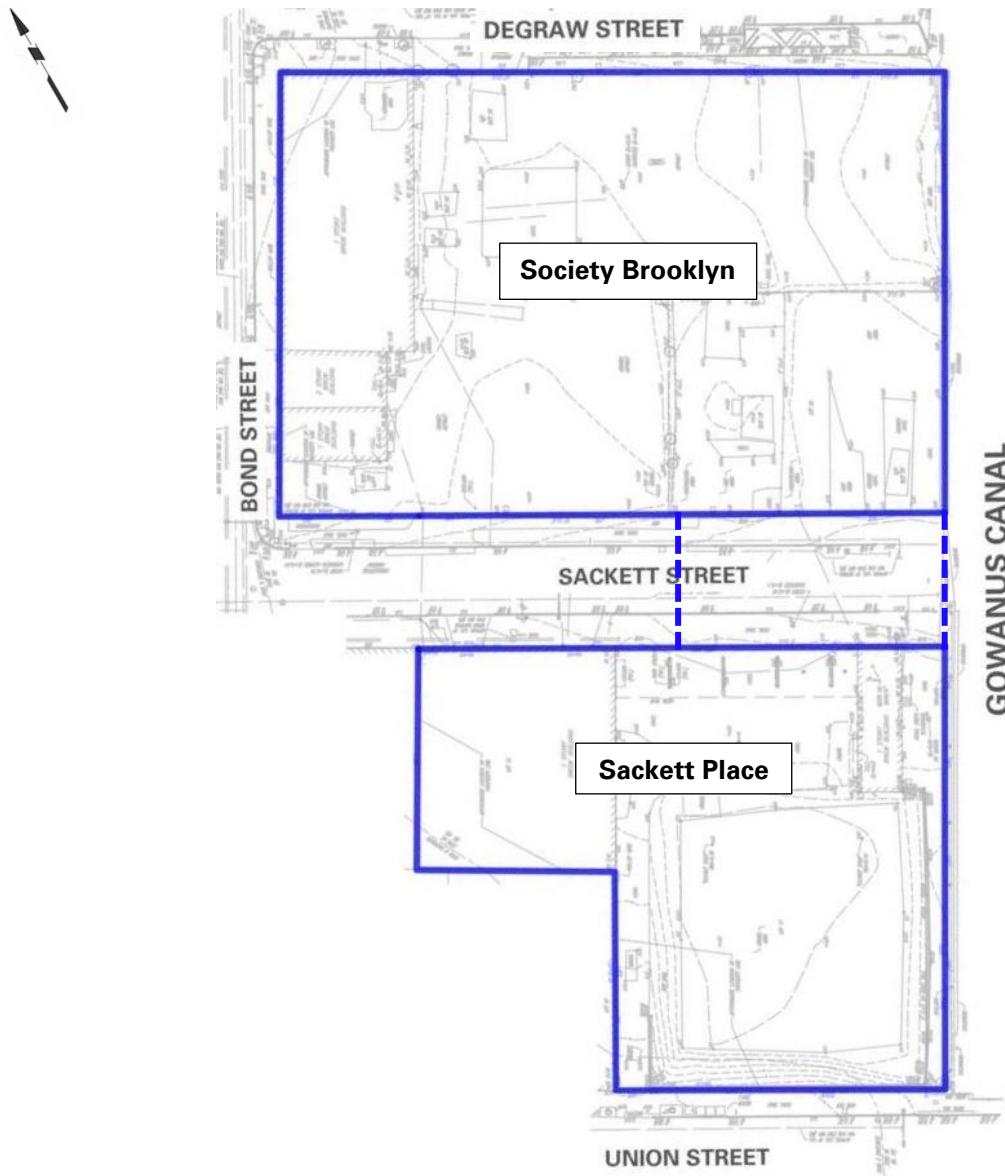
**Photo 4:** View of site entrance in the northwestern part of Society Brooklyn (facing south)

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Nesci

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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).

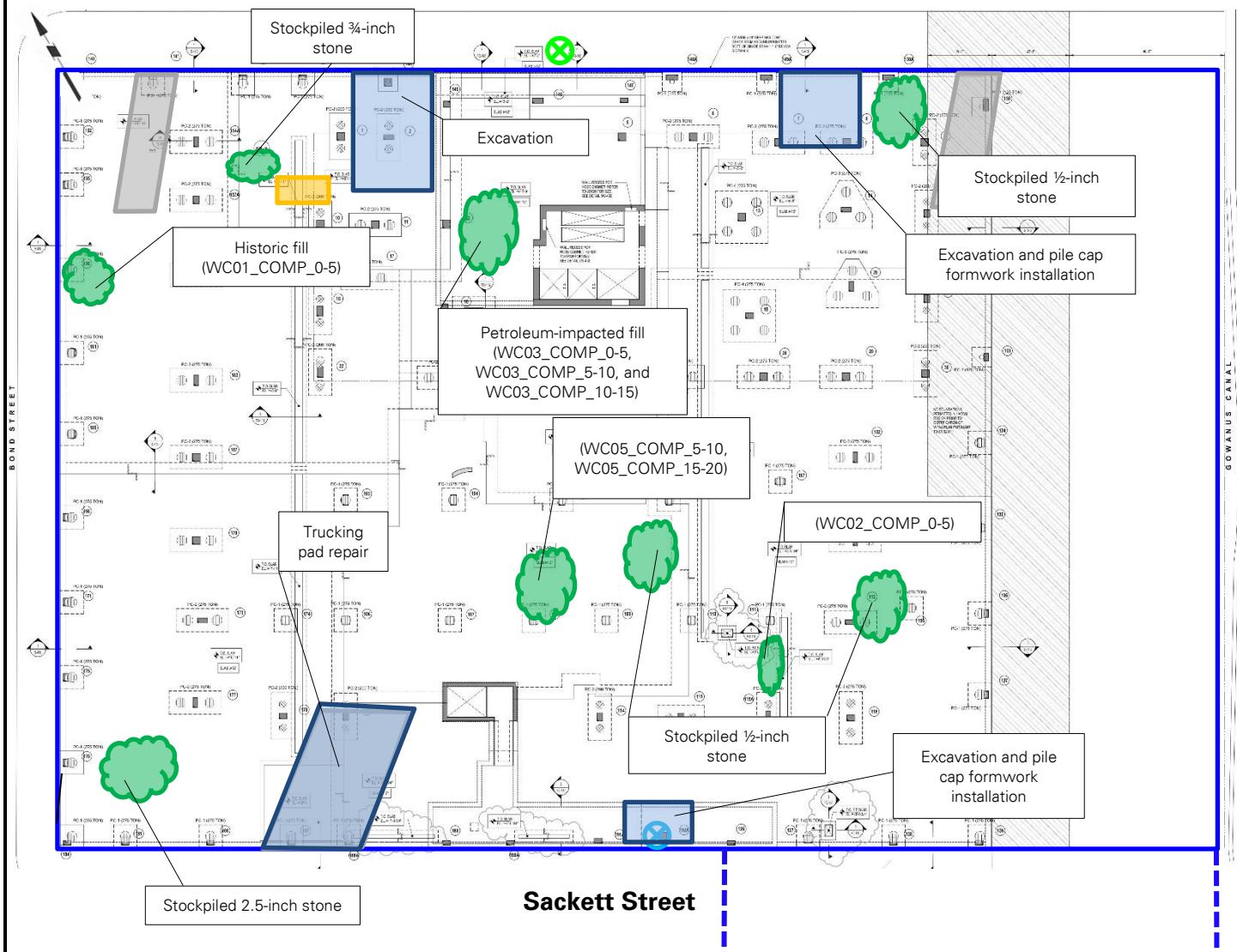
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Nesci

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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 C&D debris stockpile location                    |
| ●     | Upwind air monitoring station                | ■ | Approximate location of 20 cubic yard scrap metal container  |
| ●     | Downwind air monitoring station              | ● | Approximate location of documentation sample collected today |
| ■     | Approximate work area                        |   |  |
| ■     | Approximate stabilized construction entrance |   |  |

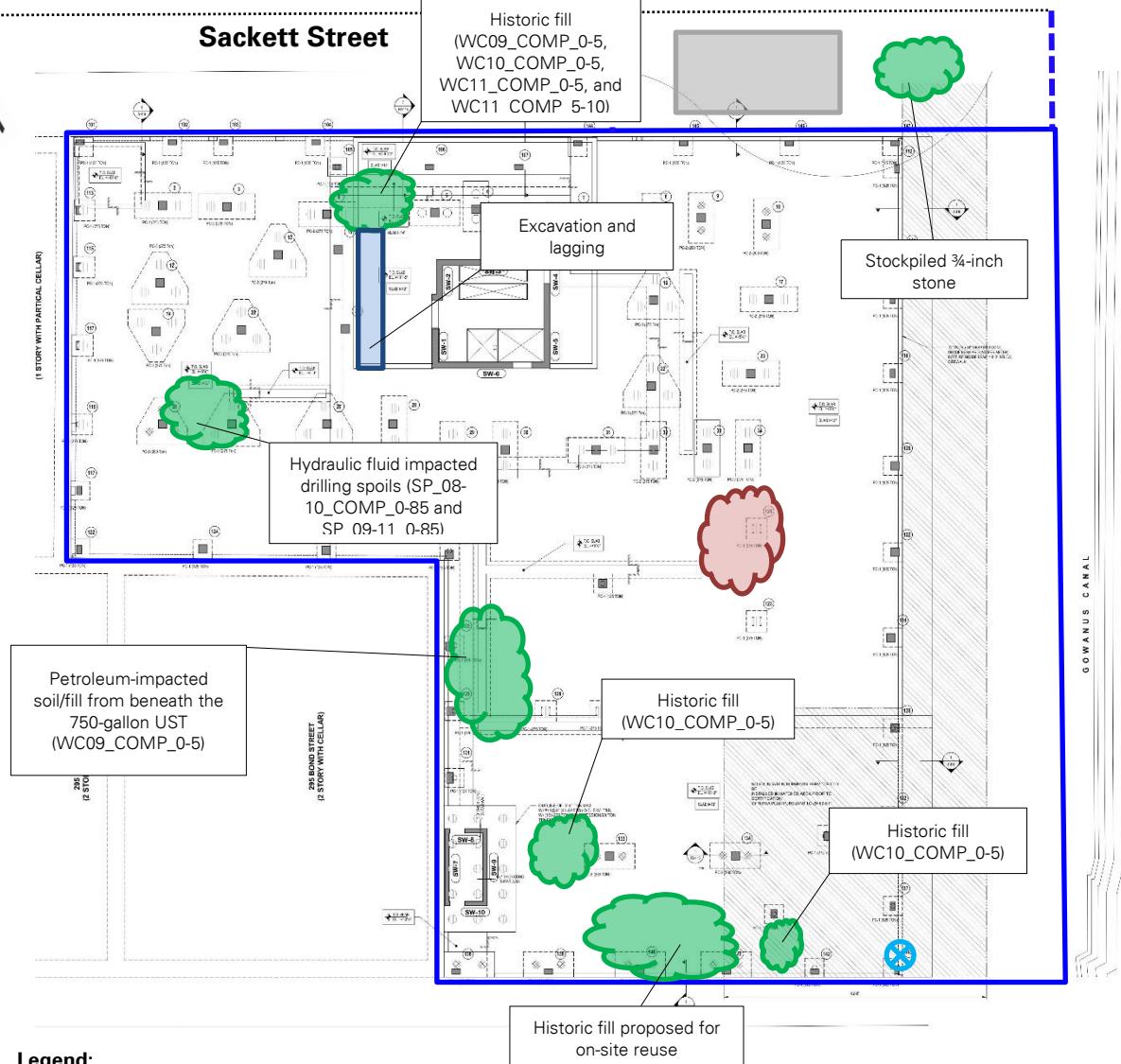
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### **Site Map 3: Southern Work Area Map (Sackett Place)**

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
- (Green Circle with X) Upwind air monitoring station
- (Blue Circle with X) Downwind air monitoring station
- [Light Blue Box] Approximate work area
- [Grey Box] Approximate stabilized construction entrance
- [Green Cloud] Approximate soil/fill stockpile location
- [Pink Cloud] Approximate C&D debris stockpile location

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By: Brian Kenneally

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# DAILY AIR MONITORING REPORT

## Gowanus Canal Northside

### 267 Bond Street, Brooklyn, New York

01/05/23

Project number: 170295301

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Rev. No. 0

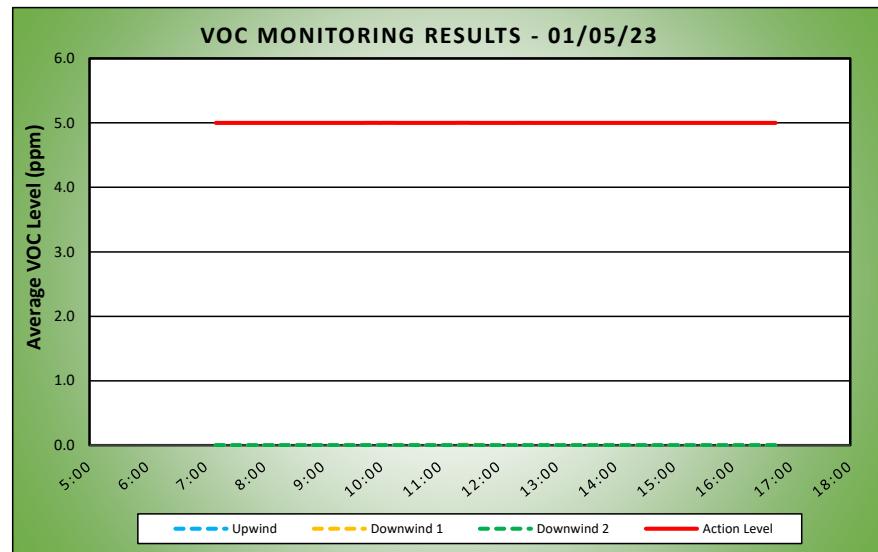
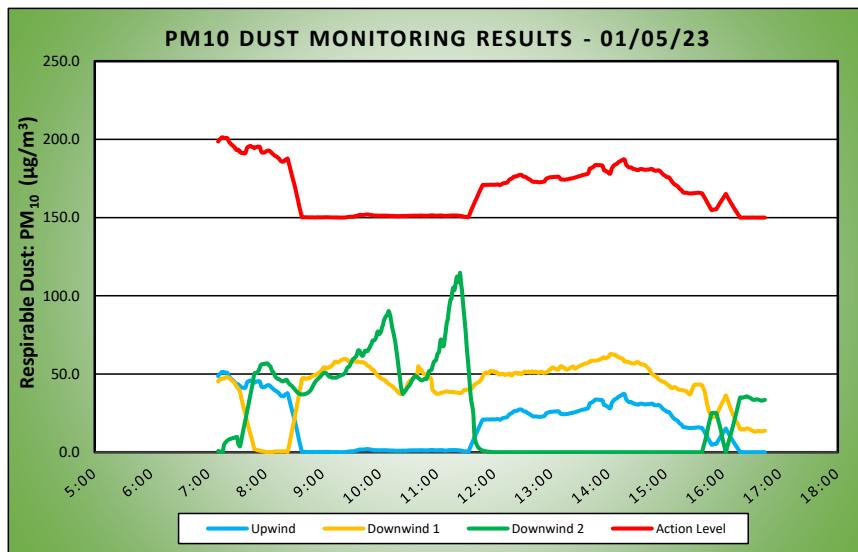
Submitted By:

Dust Action Level 150 µg/m³

TVOC Action Level 5 ppm

Weather Data Range for Work Day		Wind Direction	ENE	Relative Humidity (%)	0.0 - 0.0	Daily Rain (in)	0.01	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	48.0 - 51.0	Wind Speed (MPH)	1.2 - 3.2	Barometer (inHg)	0.00 - 0.00			

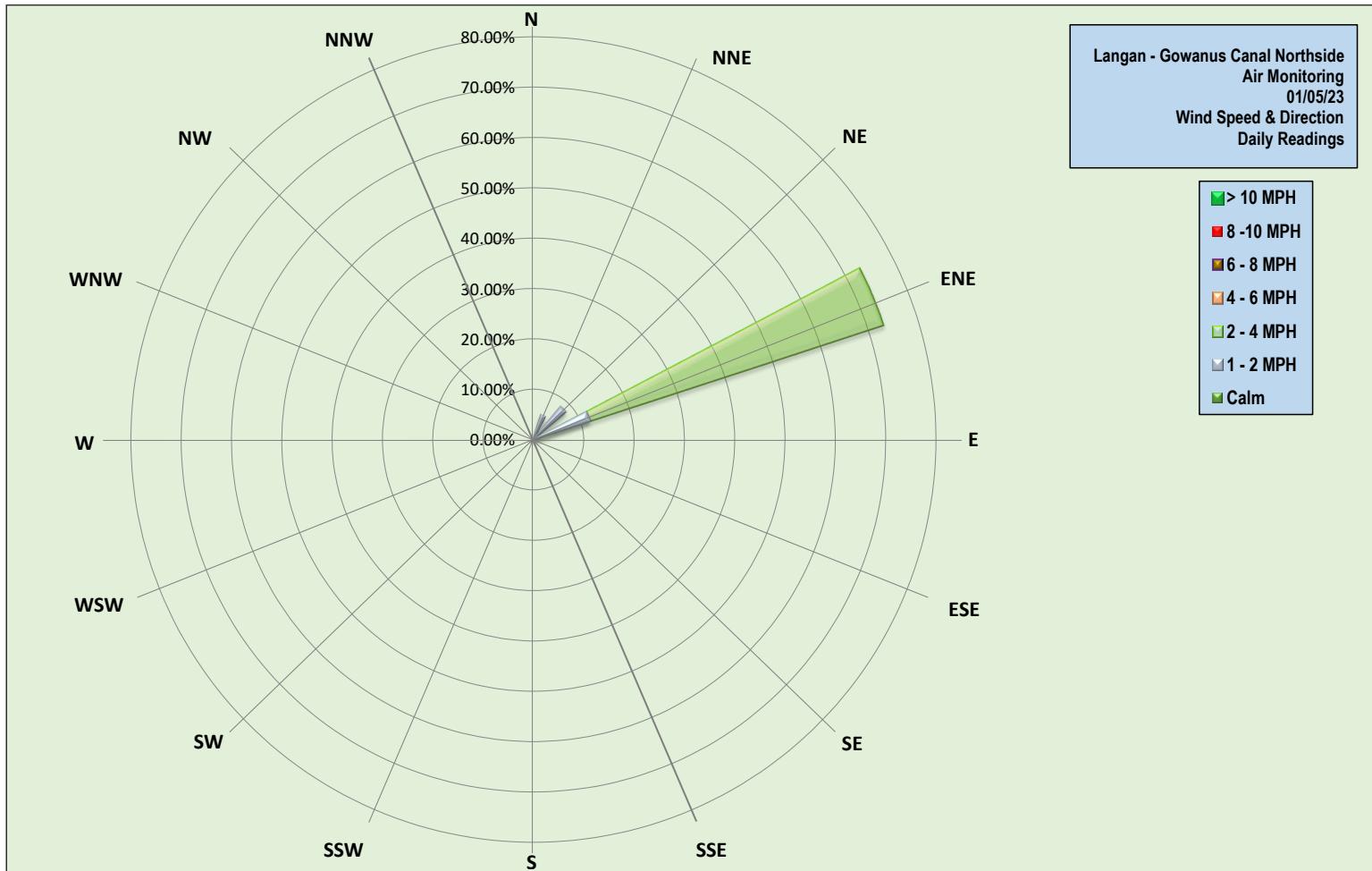
Station Location Area	Work	Daily Avg. Dust Concentration ( $\mu\text{g}/\text{m}^3$ )	Max 15 Min Dust Concentration ( $\mu\text{g}/\text{m}^3$ )	Time of Maximum 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind		17.8	51.3	7:15	0.0	0.0	11:16
Downwind 1		41.7	62.7	14:03	0.0	0.0	11:23
Downwind 2		26.6	114.8	11:24	0.0	0.0	7:10



Air Monitoring Notes:

Sampling Notes:

Weather Notes:



Thursday, January 5, 2023									
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 = 0									
Number of Comparable Data Points = 575									
Start Time: 6:55									
End Time: 16:44									
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
6:55	37.0	-	6:55	80.7	-	6:55	3.0	-	-
6:56	37.0	-	6:56	40.0	-	6:56	2.8	-	-
6:57	39.3	-	6:57	41.3	-	6:57	2.0	-	-
6:58	40.3	-	6:58	43.5	-	6:58	2.0	-	-
6:59	43.0	-	6:59	46.8	-	6:59	1.0	-	-
7:00	47.8	-	7:00	46.0	-	7:00	1.0	-	-
7:01	51.3	-	7:01	47.5	-	7:01	1.0	-	-
7:02	55.3	-	7:02	47.0	-	7:02	1.0	-	-
7:03	50.8	-	7:03	47.0	-	7:03	1.0	-	-
7:04	48.8	-	7:04	47.0	-	7:04	0.0	-	-
7:05	50.5	-	7:05	45.0	-	7:05	0.0	-	-
7:06	60.3	-	7:06	44.8	-	7:06	0.0	-	-
7:07	54.0	-	7:07	45.0	-	7:07	0.0	-	-
7:08	55.5	-	7:08	45.3	-	7:08	0.0	-	-
7:09	48.5	-	7:09	46.0	-	7:09	0.0	-	-
7:10	47.3	48.6	7:10	47.3	45.3	7:10	0.0	0.8	-
7:11	51.8	49.6	7:11	50.3	46.0	7:11	0.0	0.6	-
7:12	46.8	50.1	7:12	50.0	46.6	7:12	0.0	0.5	-
7:13	49.8	50.7	7:13	48.8	46.9	7:13	0.0	0.3	-
7:14	50.8	51.3	7:14	47.3	46.9	7:14	0.0	0.3	-
7:15	48.3	51.3	7:15	48.3	47.1	7:15	0.0	0.2	-
7:16	43.8	50.8	7:16	46.5	47.0	7:16	62.5	4.3	-
7:17	58.5	51.0	7:17	53.0	47.4	7:17	21.0	5.6	-
7:18	48.3	50.8	7:18	54.5	47.9	7:18	12.3	6.4	-
7:19	50.0	50.9	7:19	47.8	48.0	7:19	9.3	7.0	-
7:20	44.0	50.5	7:20	44.5	47.9	7:20	8.0	7.5	-
7:21	38.3	49.0	7:21	42.0	47.8	7:21	6.5	8.0	-
7:22	40.3	48.1	7:22	38.3	47.3	7:22	4.8	8.3	-
7:23	43.3	47.3	7:23	36.5	46.7	7:23	3.8	8.5	-
7:24	39.3	46.7	7:24	35.5	46.0	7:24	3.0	8.7	-
7:25	41.8	46.3	7:25	39.8	45.5	7:25	2.3	8.9	-
7:26	41.0	45.6	7:26	43.0	45.0	7:26	3.5	9.1	-
7:27	39.8	45.1	7:27	39.8	44.4	7:27	2.8	9.3	-
7:28	36.0	44.2	7:28	35.0	43.4	7:28	2.3	9.5	-
7:29	38.3	43.4	7:29	34.0	42.6	7:29	2.0	9.6	-
7:30	47.5	43.3	7:30	34.0	41.6	7:30	2.0	9.7	-
7:31	46.3	43.5	7:31	35.8	40.9	7:31	2.0	5.7	-
7:32	41.5	42.4	7:32	39.5	40.0	7:32	2.0	4.4	-
7:33	50.3	42.5	7:33	36.5	38.8	7:33	2.0	3.7	-
7:34	37.0	41.6	7:34	2.0	35.7	7:34	49.8	6.4	-
7:35	38.3	41.2	7:35	3.5	33.0	7:35	52.3	9.4	-
7:36	39.0	41.3	7:36	3.5	30.4	7:36	58.3	12.8	-
7:37	39.5	41.2	7:37	2.8	28.1	7:37	48.5	15.8	-
7:38	40.3	41.0	7:38	2.0	25.8	7:38	47.3	18.7	-
7:39	49.5	41.7	7:39	2.0	23.5	7:39	47.0	21.6	-
7:40	74.8	43.9	7:40	2.0	21.0	7:40	48.3	24.7	-
7:41	58.3	45.1	7:41	2.0	18.3	7:41	50.0	27.8	-
7:42	43.0	45.3	7:42	2.0	15.8	7:42	48.0	30.8	-
7:43	41.5	45.7	7:43	2.0	13.6	7:43	49.0	33.9	-
7:44	41.0	45.8	7:44	2.0	11.4	7:44	47.5	36.9	-
7:45	41.0	45.4	7:45	1.8	9.3	7:45	47.8	40.0	-
7:46	41.0	45.1	7:46	1.5	7.0	7:46	50.0	43.2	-
7:47	41.0	45.0	7:47	1.0	4.4	7:47	51.5	46.5	-
7:48	41.8	44.5	7:48	0.5	2.0	7:48	60.3	50.4	-
7:49	42.0	44.8	7:49	0.0	1.9	7:49	54.3	50.7	-
7:50	42.0	45.0	7:50	0.0	1.7	7:50	51.8	50.6	-
7:51	42.0	45.2	7:51	0.0	1.4	7:51	61.3	50.8	-
7:52	41.5	45.4	7:52	0.0	1.3	7:52	63.8	51.8	-
7:53	41.0	45.4	7:53	0.0	1.1	7:53	60.8	52.7	-
7:54	42.0	44.9	7:54	0.0	1.0	7:54	73.8	54.5	-
7:55	41.8	42.7	7:55	0.0	0.9	7:55	68.8	55.9	-
7:56	42.0	41.6	7:56	0.0	0.7	7:56	54.0	56.2	-
7:57	42.0	41.6	7:57	0.0	0.6	7:57	52.5	56.5	-
7:58	42.0	41.6	7:58	0.0	0.5	7:58	48.0	56.4	-
7:59	43.0	41.7	7:59	0.0	0.3	7:59	48.5	56.5	-
8:00	47.3	42.2	8:00	0.0	0.2	8:00	52.3	56.8	-
8:01	47.0	42.6	8:01	0.0	0.1	8:01	51.0	56.8	-
8:02	44.5	42.8	8:02	1.0	0.1	8:02	49.5	56.7	-
8:03	43.3	42.9	8:03	0.0	0.1	8:03	49.0	55.9	-

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)
8:04	39.0	42.7	8:04	0.0	0.1	8:04	46.0	55.4
8:05	33.3	42.1	8:05	0.0	0.1	8:05	41.0	54.7
8:06	33.0	41.5	8:06	0.3	0.1	8:06	37.3	53.1
8:07	33.0	40.9	8:07	0.8	0.1	8:07	40.3	51.5
8:08	32.8	40.4	8:08	2.8	0.3	8:08	56.3	51.2
8:09	33.8	39.8	8:09	1.5	0.4	8:09	51.5	49.7
8:10	36.0	39.5	8:10	0.8	0.5	8:10	49.3	48.4
8:11	36.5	39.1	8:11	0.0	0.5	8:11	44.0	47.8
8:12	36.0	38.7	8:12	0.8	0.5	8:12	42.5	47.1
8:13	35.0	38.2	8:13	0.0	0.5	8:13	44.0	46.8
8:14	34.0	37.6	8:14	0.0	0.5	8:14	47.8	46.8
8:15	34.8	36.8	8:15	0.0	0.5	8:15	43.5	46.2
8:16	36.8	36.1	8:16	0.0	0.5	8:16	43.8	45.7
8:17	41.0	35.9	8:17	0.5	0.5	8:17	46.3	45.5
8:18	41.3	35.7	8:18	0.8	0.5	8:18	46.0	45.3
8:19	41.3	35.9	8:19	0.0	0.5	8:19	50.3	45.6
8:20	45.5	36.7	8:20	0.0	0.5	8:20	45.3	45.9
8:21	38.3	37.1	8:21	0.0	0.5	8:21	42.5	46.2
8:22	38.5	37.4	8:22	0.0	0.5	8:22	41.8	46.3
8:23	36.5	37.7	8:23	0.0	0.3	8:23	39.0	45.2
8:24	0.0	35.4	8:24	39.8	2.8	8:24	38.5	44.3
8:25	0.0	33.0	8:25	41.3	5.5	8:25	37.5	43.5
8:26	0.0	30.6	8:26	49.8	8.9	8:26	37.0	43.0
8:27	0.0	28.2	8:27	50.0	12.1	8:27	36.0	42.6
8:28	0.0	25.9	8:28	43.3	15.0	8:28	35.3	42.0
8:29	0.8	23.6	8:29	44.8	18.0	8:29	35.5	41.2
8:30	0.3	21.3	8:30	44.8	21.0	8:30	33.3	40.5
8:31	0.0	18.9	8:31	49.0	24.3	8:31	33.3	39.8
8:32	0.0	16.2	8:32	45.5	27.3	8:32	34.8	39.1
8:33	0.0	13.4	8:33	50.5	30.6	8:33	37.8	38.5
8:34	0.0	10.7	8:34	47.5	33.7	8:34	38.8	37.7
8:35	0.5	7.7	8:35	48.5	37.0	8:35	41.5	37.5
8:36	1.3	5.2	8:36	48.0	40.2	8:36	39.0	37.3
8:37	0.3	2.6	8:37	48.5	43.4	8:37	37.8	37.0
8:38	0.0	0.2	8:38	53.8	47.0	8:38	38.3	36.9
8:39	0.0	0.2	8:39	43.3	47.2	8:39	38.8	37.0
8:40	0.0	0.2	8:40	45.8	47.5	8:40	39.0	37.1
8:41	0.0	0.2	8:41	44.8	47.2	8:41	38.8	37.2
8:42	0.0	0.2	8:42	45.5	46.9	8:42	38.5	37.3
8:43	0.0	0.2	8:43	46.3	47.1	8:43	39.0	37.6
8:44	0.0	0.2	8:44	47.0	47.2	8:44	40.0	37.9
8:45	0.0	0.1	8:45	47.0	47.4	8:45	40.8	38.4
8:46	0.0	0.1	8:46	48.0	47.3	8:46	41.0	38.9
8:47	0.0	0.1	8:47	52.8	47.8	8:47	43.3	39.5
8:48	0.0	0.1	8:48	57.0	48.2	8:48	53.0	40.5
8:49	0.3	0.2	8:49	54.3	48.7	8:49	55.8	41.6
8:50	0.0	0.1	8:50	52.8	49.0	8:50	61.0	42.9
8:51	0.8	0.1	8:51	52.8	49.3	8:51	55.3	44.0
8:52	0.0	0.1	8:52	51.8	49.5	8:52	52.5	45.0
8:53	0.8	0.1	8:53	52.5	49.4	8:53	49.8	45.8
8:54	0.5	0.2	8:54	51.0	49.9	8:54	48.3	46.4
8:55	0.0	0.2	8:55	52.0	50.4	8:55	47.5	47.0
8:56	0.0	0.2	8:56	51.8	50.8	8:56	47.0	47.5
8:57	0.0	0.2	8:57	51.8	51.2	8:57	47.0	48.1
8:58	0.0	0.2	8:58	55.5	51.9	8:58	49.5	48.8
8:59	0.0	0.2	8:59	57.5	52.6	8:59	52.0	49.6
9:00	0.0	0.2	9:00	64.0	53.7	9:00	49.5	50.2
9:01	0.0	0.2	9:01	57.0	54.3	9:01	48.0	50.6
9:02	1.0	0.2	9:02	51.5	54.2	9:02	48.3	51.0
9:03	0.3	0.2	9:03	51.3	53.8	9:03	48.8	50.7
9:04	0.0	0.2	9:04	50.3	53.6	9:04	49.3	50.2
9:05	0.0	0.2	9:05	54.3	53.7	9:05	48.0	49.4
9:06	0.0	0.2	9:06	61.0	54.2	9:06	45.8	48.7
9:07	0.0	0.2	9:07	57.0	54.6	9:07	45.3	48.3
9:08	0.0	0.1	9:08	53.8	54.6	9:08	46.0	48.0
9:09	0.0	0.1	9:09	59.3	55.2	9:09	46.8	47.9
9:10	0.0	0.1	9:10	60.8	55.8	9:10	45.0	47.7
9:11	0.0	0.1	9:11	61.0	56.4	9:11	45.8	47.7
9:12	0.0	0.1	9:12	68.5	57.5	9:12	47.5	47.7
9:13	0.0	0.1	9:13	59.8	57.8	9:13	49.5	47.7
9:14	0.0	0.1	9:14	58.5	57.9	9:14	51.8	47.7
9:15	0.0	0.1	9:15	57.3	57.4	9:15	53.5	47.9
9:16	0.0	0.1	9:16	58.3	57.5	9:16	53.0	48.3
9:17	0.0	0.0	9:17	57.3	57.9	9:17	53.0	48.6
9:18	0.0	0.0	9:18	56.5	58.2	9:18	53.8	48.9
9:19	0.0	0.0	9:19	59.0	58.8	9:19	52.3	49.1

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)
9:20	0.0	0.0	9:20	60.5	59.2	9:20	51.0	49.3
9:21	0.0	0.0	9:21	61.0	59.2	9:21	50.5	49.6
9:22	0.0	0.0	9:22	61.8	59.5	9:22	50.8	50.0
9:23	0.8	0.1	9:23	55.0	59.6	9:23	53.8	50.5
9:24	1.0	0.1	9:24	58.0	59.5	9:24	64.3	51.7
9:25	1.5	0.2	9:25	56.5	59.3	9:25	67.0	53.2
9:26	1.5	0.3	9:26	56.5	59.0	9:26	62.8	54.3
9:27	1.8	0.4	9:27	55.0	58.1	9:27	52.3	54.6
9:28	1.5	0.5	9:28	54.8	57.7	9:28	55.8	55.0
9:29	0.0	0.5	9:29	57.0	57.6	9:29	74.8	56.6
9:30	0.0	0.5	9:30	58.5	57.7	9:30	69.3	57.6
9:31	0.0	0.5	9:31	64.0	58.1	9:31	75.8	59.1
9:32	1.0	0.6	9:32	58.0	58.1	9:32	61.0	59.7
9:33	2.0	0.7	9:33	56.5	58.1	9:33	59.0	60.0
9:34	3.0	0.9	9:34	57.0	58.0	9:34	63.8	60.8
9:35	2.0	1.1	9:35	57.3	57.8	9:35	60.8	61.4
9:36	2.8	1.3	9:36	65.3	58.1	9:36	74.3	63.0
9:37	2.5	1.4	9:37	59.0	57.9	9:37	80.5	65.0
9:38	3.8	1.6	9:38	54.0	57.8	9:38	57.0	65.2
9:39	2.8	1.7	9:39	53.8	57.5	9:39	49.3	64.2
9:40	1.3	1.7	9:40	58.0	57.6	9:40	46.8	62.9
9:41	1.0	1.7	9:41	54.3	57.5	9:41	45.8	61.7
9:42	1.5	1.7	9:42	56.5	57.6	9:42	52.8	61.8
9:43	2.0	1.7	9:43	50.8	57.3	9:43	74.3	63.0
9:44	1.5	1.8	9:44	50.8	56.9	9:44	101.0	64.7
9:45	1.3	1.9	9:45	54.0	56.6	9:45	71.0	64.9
9:46	1.5	2.0	9:46	52.3	55.8	9:46	70.3	64.5
9:47	1.0	2.0	9:47	51.0	55.4	9:47	64.3	64.7
9:48	1.0	1.9	9:48	52.0	55.1	9:48	79.8	66.1
9:49	1.0	1.8	9:49	50.5	54.6	9:49	71.5	66.6
9:50	1.0	1.7	9:50	49.5	54.1	9:50	87.8	68.4
9:51	1.0	1.6	9:51	52.3	53.2	9:51	81.3	68.9
9:52	1.0	1.5	9:52	54.8	53.0	9:52	117.0	71.3
9:53	1.3	1.3	9:53	46.3	52.4	9:53	59.5	71.5
9:54	1.5	1.3	9:54	44.0	51.8	9:54	50.5	71.6
9:55	2.0	1.3	9:55	44.0	50.9	9:55	58.0	72.3
9:56	1.3	1.3	9:56	43.0	50.1	9:56	69.0	73.9
9:57	1.0	1.3	9:57	42.8	49.2	9:57	89.8	76.3
9:58	1.0	1.2	9:58	43.3	48.7	9:58	88.0	77.2
9:59	1.3	1.2	9:59	47.0	48.4	9:59	72.5	75.3
10:00	2.0	1.3	10:00	41.5	47.6	10:00	88.0	76.5
10:01	1.5	1.3	10:01	48.0	47.3	10:01	76.8	76.9
10:02	1.0	1.3	10:02	46.0	47.0	10:02	107.3	79.8
10:03	1.0	1.3	10:03	46.0	46.6	10:03	100.8	81.2
10:04	1.0	1.3	10:04	47.3	46.4	10:04	115.5	84.1
10:05	1.0	1.3	10:05	45.0	46.1	10:05	108.8	85.5
10:06	1.0	1.3	10:06	46.0	45.7	10:06	100.8	86.8
10:07	1.0	1.3	10:07	41.0	44.7	10:07	124.0	87.3
10:08	0.3	1.2	10:08	38.0	44.2	10:08	80.0	88.6
10:09	1.0	1.2	10:09	36.5	43.7	10:09	75.8	90.3
10:10	1.0	1.1	10:10	37.0	43.2	10:10	33.5	88.7
10:11	1.0	1.1	10:11	37.3	42.8	10:11	33.3	86.3
10:12	1.0	1.1	10:12	37.5	42.5	10:12	33.5	82.6
10:13	1.0	1.1	10:13	37.0	42.1	10:13	34.5	79.0
10:14	1.0	1.1	10:14	37.0	41.4	10:14	38.0	76.7
10:15	1.0	1.0	10:15	37.0	41.1	10:15	37.8	73.3
10:16	0.8	0.9	10:16	37.0	40.4	10:16	34.3	70.5
10:17	1.0	0.9	10:17	36.3	39.7	10:17	34.0	65.6
10:18	1.0	0.9	10:18	36.0	39.1	10:18	38.3	61.5
10:19	1.0	0.9	10:19	35.3	38.3	10:19	40.3	56.4
10:20	1.0	0.9	10:20	36.5	37.7	10:20	33.3	51.4
10:21	1.0	0.9	10:21	40.8	37.3	10:21	36.8	47.1
10:22	1.0	0.9	10:22	38.3	37.2	10:22	40.8	41.6
10:23	1.3	1.0	10:23	40.3	37.3	10:23	43.5	39.2
10:24	1.0	1.0	10:24	39.8	37.5	10:24	47.0	37.2
10:25	1.0	1.0	10:25	43.8	38.0	10:25	47.0	38.1
10:26	1.0	1.0	10:26	63.3	39.7	10:26	42.5	38.8
10:27	1.0	1.0	10:27	47.8	40.4	10:27	46.0	39.6
10:28	1.0	1.0	10:28	58.0	41.8	10:28	48.8	40.5
10:29	1.8	1.1	10:29	63.0	43.5	10:29	52.8	41.5
10:30	2.0	1.1	10:30	53.3	44.6	10:30	47.8	42.2
10:31	1.8	1.2	10:31	46.5	45.2	10:31	45.5	42.9
10:32	1.0	1.2	10:32	46.0	45.9	10:32	50.0	44.0
10:33	1.0	1.2	10:33	44.5	46.5	10:33	58.8	45.4
10:34	1.3	1.2	10:34	42.3	46.9	10:34	55.0	46.4
10:35	1.3	1.2	10:35	44.0	47.4	10:35	49.3	47.4

PARTICULATE DATA								
Upwind			Downwind					
Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)
10:36	1.0	1.2	10:36	43.3	47.6	10:36	50.0	48.3
10:37	1.0	1.2	10:37	42.0	47.8	10:37	46.0	48.7
10:38	1.0	1.2	10:38	43.3	48.0	10:38	42.5	48.6
10:39	1.0	1.2	10:39	57.5	49.2	10:39	39.3	48.1
10:40	1.0	1.2	10:40	127.8	54.8	10:40	37.8	47.5
10:41	1.5	1.2	10:41	45.8	53.7	10:41	36.5	47.1
10:42	1.8	1.3	10:42	43.5	53.4	10:42	37.3	46.5
10:43	1.3	1.3	10:43	49.8	52.8	10:43	41.8	46.0
10:44	1.0	1.3	10:44	47.0	51.8	10:44	51.5	45.9
10:45	1.8	1.2	10:45	40.0	50.9	10:45	51.8	46.2
10:46	1.0	1.2	10:46	38.0	50.3	10:46	50.0	46.5
10:47	1.0	1.2	10:47	38.3	49.8	10:47	58.5	47.1
10:48	1.0	1.2	10:48	38.8	49.4	10:48	53.8	46.7
10:49	1.0	1.2	10:49	37.8	49.1	10:49	57.3	46.9
10:50	1.3	1.2	10:50	37.8	48.7	10:50	79.3	48.9
10:51	2.0	1.2	10:51	37.8	48.3	10:51	90.8	51.6
10:52	2.5	1.3	10:52	36.0	47.9	10:52	50.5	51.9
10:53	2.0	1.4	10:53	36.0	47.4	10:53	49.3	52.3
10:54	1.0	1.4	10:54	35.3	46.0	10:54	43.5	52.6
10:55	1.0	1.4	10:55	35.0	39.8	10:55	70.8	54.8
10:56	1.0	1.4	10:56	36.0	39.1	10:56	66.0	56.8
10:57	0.5	1.3	10:57	39.0	38.8	10:57	58.5	58.2
10:58	0.5	1.2	10:58	36.8	38.0	10:58	45.0	58.4
10:59	1.0	1.2	10:59	38.5	37.4	10:59	65.0	59.3
11:00	1.5	1.2	11:00	40.0	37.4	11:00	97.3	62.4
11:01	1.5	1.3	11:01	39.5	37.5	11:01	65.0	63.4
11:02	1.5	1.3	11:02	37.5	37.4	11:02	76.3	64.5
11:03	1.8	1.3	11:03	42.5	37.7	11:03	133.3	69.8
11:04	1.0	1.3	11:04	41.3	37.9	11:04	92.0	72.2
11:05	1.0	1.3	11:05	40.8	38.1	11:05	53.5	70.4
11:06	1.0	1.3	11:06	38.3	38.2	11:06	50.3	67.7
11:07	0.8	1.1	11:07	40.0	38.4	11:07	57.5	68.2
11:08	1.0	1.1	11:08	39.0	38.6	11:08	121.3	73.0
11:09	1.0	1.1	11:09	37.0	38.7	11:09	109.0	77.4
11:10	1.5	1.1	11:10	36.3	38.8	11:10	150.5	82.7
11:11	1.8	1.2	11:11	36.0	38.8	11:11	95.3	84.6
11:12	1.8	1.2	11:12	36.0	38.6	11:12	138.5	90.0
11:13	2.0	1.3	11:13	36.0	38.6	11:13	110.0	94.3
11:14	1.3	1.4	11:14	38.5	38.6	11:14	112.8	97.5
11:15	1.0	1.3	11:15	39.8	38.6	11:15	107.0	98.1
11:16	2.0	1.4	11:16	37.8	38.4	11:16	143.5	103.4
11:17	2.0	1.4	11:17	38.5	38.5	11:17	105.0	105.3
11:18	1.5	1.4	11:18	39.5	38.3	11:18	107.5	103.6
11:19	1.0	1.4	11:19	39.8	38.2	11:19	131.3	106.2
11:20	0.8	1.4	11:20	39.3	38.1	11:20	120.0	110.6
11:21	0.0	1.3	11:21	38.5	38.1	11:21	76.0	112.3
11:22	0.0	1.2	11:22	37.8	38.0	11:22	49.3	111.8
11:23	0.0	1.2	11:23	36.5	37.8	11:23	73.3	108.6
11:24	0.0	1.1	11:24	36.8	37.8	11:24	201.5	114.8
11:25	0.0	1.0	11:25	38.5	37.9	11:25	48.0	107.9
11:26	0.0	0.9	11:26	41.5	38.3	11:26	31.3	103.7
11:27	0.0	0.8	11:27	45.3	38.9	11:27	21.0	95.8
11:28	0.0	0.6	11:28	47.8	39.7	11:28	15.5	89.5
11:29	0.0	0.6	11:29	40.8	39.9	11:29	11.0	82.7
11:30	0.0	0.5	11:30	39.0	39.8	11:30	8.0	76.1
11:31	0.0	0.4	11:31	39.5	39.9	11:31	6.0	67.0
11:32	0.0	0.2	11:32	39.5	40.0	11:32	4.5	60.3
11:33	6.5	0.6	11:33	39.3	40.0	11:33	3.5	53.3
11:34	24.5	2.1	11:34	40.0	40.0	11:34	2.8	44.8
11:35	23.5	3.6	11:35	41.5	40.1	11:35	2.0	36.9
11:36	22.0	5.1	11:36	44.5	40.5	11:36	2.0	32.0
11:37	21.0	6.5	11:37	47.5	41.2	11:37	1.5	28.8
11:38	20.8	7.9	11:38	51.0	42.2	11:38	1.0	24.0
11:39	21.0	9.3	11:39	52.3	43.2	11:39	1.0	10.6
11:40	20.3	10.6	11:40	44.0	43.6	11:40	1.0	7.5
11:41	20.0	12.0	11:41	47.5	44.0	11:41	1.0	5.5
11:42	20.5	13.3	11:42	51.8	44.4	11:42	1.0	4.1
11:43	20.5	14.7	11:43	51.3	44.6	11:43	1.0	3.2
11:44	20.0	16.0	11:44	44.0	44.8	11:44	1.0	2.5
11:45	20.0	17.4	11:45	50.8	45.6	11:45	0.3	2.0
11:46	19.8	18.7	11:46	51.3	46.4	11:46	0.0	1.6
11:47	20.0	20.0	11:47	52.0	47.2	11:47	0.0	1.3
11:48	20.0	20.9	11:48	63.5	48.9	11:48	0.0	1.0
11:49	21.5	20.7	11:49	53.5	49.8	11:49	0.0	0.9
11:50	25.3	20.8	11:50	53.3	50.5	11:50	0.0	0.7
11:51	22.8	20.9	11:51	50.3	50.9	11:51	0.0	0.6

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)	Exceeds Particulate Alarm Limit
11:52	21.8	20.9	11:52	46.5	50.9	11:52	0.0	0.5	-
11:53	21.0	21.0	11:53	48.5	50.7	11:53	0.0	0.4	-
11:54	20.5	20.9	11:54	49.3	50.5	11:54	0.0	0.4	-
11:55	21.0	21.0	11:55	57.5	51.4	11:55	0.0	0.3	-
11:56	20.0	21.0	11:56	57.3	52.0	11:56	0.0	0.2	-
11:57	21.0	21.0	11:57	48.5	51.8	11:57	0.0	0.2	-
11:58	20.0	21.0	11:58	47.8	51.6	11:58	0.0	0.1	-
11:59	20.0	21.0	11:59	46.8	51.8	11:59	0.0	0.0	-
12:00	20.0	21.0	12:00	45.5	51.4	12:00	0.0	0.0	-
12:01	20.3	21.0	12:01	44.8	51.0	12:01	0.0	0.0	-
12:02	21.0	21.1	12:02	57.5	51.4	12:02	0.0	0.0	-
12:03	21.8	21.2	12:03	53.8	50.7	12:03	0.0	0.0	-
12:04	21.0	21.2	12:04	47.0	50.3	12:04	0.0	0.0	-
12:05	21.0	20.9	12:05	47.3	49.9	12:05	0.0	0.0	-
12:06	22.3	20.8	12:06	47.8	49.7	12:06	0.0	0.0	-
12:07	24.8	21.0	12:07	50.3	50.0	12:07	0.0	0.0	-
12:08	28.5	21.5	12:08	52.0	50.2	12:08	0.0	0.0	-
12:09	24.5	21.8	12:09	47.5	50.1	12:09	0.0	0.0	-
12:10	23.8	22.0	12:10	53.8	49.8	12:10	0.0	0.0	-
12:11	22.0	22.1	12:11	50.5	49.4	12:11	0.0	0.0	-
12:12	21.8	22.2	12:12	51.0	49.5	12:12	0.0	0.0	-
12:13	22.5	22.3	12:13	52.3	49.8	12:13	0.0	0.0	-
12:14	27.8	22.9	12:14	46.0	49.8	12:14	0.0	0.0	-
12:15	32.3	23.7	12:15	46.0	49.8	12:15	0.0	0.0	-
12:16	30.5	24.4	12:16	51.3	50.3	12:16	0.0	0.0	-
12:17	25.5	24.7	12:17	46.5	49.5	12:17	0.0	0.0	-
12:18	25.3	24.9	12:18	46.3	49.0	12:18	0.0	0.0	-
12:19	28.3	25.4	12:19	52.0	49.4	12:19	0.0	0.0	-
12:20	30.5	26.0	12:20	59.3	50.2	12:20	0.0	0.0	-
12:21	24.0	26.1	12:21	52.3	50.5	12:21	0.0	0.0	-
12:22	28.8	26.4	12:22	56.5	50.9	12:22	0.0	0.0	-
12:23	27.8	26.3	12:23	50.0	50.7	12:23	0.0	0.0	-
12:24	29.0	26.6	12:24	45.3	50.6	12:24	0.0	0.0	-
12:25	28.0	26.9	12:25	45.8	50.1	12:25	0.0	0.0	-
12:26	27.0	27.3	12:26	57.3	50.5	12:26	0.0	0.0	-
12:27	23.3	27.4	12:27	49.3	50.4	12:27	0.0	0.0	-
12:28	22.0	27.3	12:28	46.8	50.0	12:28	0.0	0.0	-
12:29	23.5	27.0	12:29	46.8	50.1	12:29	0.0	0.0	-
12:30	24.0	26.5	12:30	56.0	50.7	12:30	0.0	0.0	-
12:31	25.0	26.1	12:31	57.3	51.1	12:31	0.0	0.0	-
12:32	25.3	26.1	12:32	52.3	51.5	12:32	0.0	0.0	-
12:33	22.3	25.9	12:33	45.5	51.5	12:33	0.0	0.0	-
12:34	22.5	25.5	12:34	52.5	51.5	12:34	0.0	0.0	-
12:35	21.8	24.9	12:35	54.0	51.2	12:35	0.0	0.0	-
12:36	21.0	24.7	12:36	58.5	51.6	12:36	0.0	0.0	-
12:37	22.3	24.3	12:37	50.5	51.2	12:37	0.0	0.0	-
12:38	22.3	23.9	12:38	49.5	51.1	12:38	0.0	0.0	-
12:39	22.0	23.5	12:39	48.3	51.3	12:39	0.0	0.0	-
12:40	23.0	23.1	12:40	52.3	51.8	12:40	0.0	0.0	-
12:41	22.8	22.9	12:41	48.3	51.2	12:41	0.0	0.0	-
12:42	23.0	22.8	12:42	48.0	51.1	12:42	0.0	0.0	-
12:43	23.0	22.9	12:43	49.3	51.3	12:43	0.0	0.0	-
12:44	23.0	22.9	12:44	50.0	51.5	12:44	0.0	0.0	-
12:45	23.0	22.8	12:45	50.0	51.1	12:45	0.0	0.0	-
12:46	23.5	22.7	12:46	52.5	50.8	12:46	0.0	0.0	-
12:47	23.0	22.6	12:47	53.3	50.8	12:47	0.0	0.0	-
12:48	23.3	22.6	12:48	51.5	51.2	12:48	0.0	0.0	-
12:49	23.3	22.7	12:49	56.5	51.5	12:49	0.0	0.0	-
12:50	23.0	22.8	12:50	51.0	51.3	12:50	0.0	0.0	-
12:51	23.0	22.9	12:51	49.5	50.7	12:51	0.0	0.0	-
12:52	24.3	23.0	12:52	51.8	50.8	12:52	0.0	0.0	-
12:53	28.0	23.4	12:53	50.3	50.8	12:53	0.0	0.0	-
12:54	39.3	24.6	12:54	50.5	51.0	12:54	0.0	0.0	-
12:55	30.0	25.0	12:55	54.0	51.1	12:55	0.0	0.0	-
12:56	25.8	25.2	12:56	54.5	51.5	12:56	0.0	0.0	-
12:57	27.0	25.5	12:57	61.0	52.4	12:57	0.0	0.0	-
12:58	25.8	25.7	12:58	52.3	52.6	12:58	0.0	0.0	-
12:59	24.8	25.8	12:59	58.5	53.1	12:59	0.0	0.0	-
13:00	24.0	25.9	13:00	61.5	53.9	13:00	0.0	0.0	-
13:01	24.0	25.9	13:01	56.3	54.2	13:01	0.0	0.0	-
13:02	24.5	26.0	13:02	50.3	54.0	13:02	0.0	0.0	-
13:03	24.0	26.0	13:03	49.0	53.8	13:03	0.0	0.0	-
13:04	23.0	26.0	13:04	47.8	53.2	13:04	0.0	0.0	-
13:05	23.5	26.1	13:05	47.3	53.0	13:05	0.0	0.0	-
13:06	25.0	26.2	13:06	49.8	53.0	13:06	0.0	0.0	-
13:07	23.5	26.1	13:07	48.0	52.7	13:07	0.0	0.0	-

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
13:08	23.8	25.9	13:08	61.3	53.5	13:08	0.0	0.0	
13:09	24.5	24.9	13:09	68.3	54.6	13:09	0.0	0.0	-
13:10	24.3	24.5	13:10	60.0	55.0	13:10	0.0	0.0	-
13:11	25.0	24.4	13:11	51.3	54.8	13:11	0.0	0.0	-
13:12	25.0	24.3	13:12	51.3	54.2	13:12	0.0	0.0	-
13:13	25.0	24.3	13:13	51.0	54.1	13:13	0.0	0.0	-
13:14	25.0	24.3	13:14	51.0	53.6	13:14	0.0	0.0	-
13:15	25.5	24.4	13:15	52.0	53.0	13:15	0.0	0.0	-
13:16	25.0	24.4	13:16	53.3	52.8	13:16	0.0	0.0	-
13:17	25.5	24.5	13:17	53.3	53.0	13:17	0.0	0.0	-
13:18	25.8	24.6	13:18	53.8	53.3	13:18	0.0	0.0	-
13:19	26.8	24.9	13:19	53.3	53.6	13:19	0.0	0.0	-
13:20	25.3	25.0	13:20	53.8	54.1	13:20	0.0	0.0	-
13:21	25.8	25.0	13:21	54.0	54.4	13:21	0.0	0.0	-
13:22	25.3	25.2	13:22	55.5	54.9	13:22	0.0	0.0	-
13:23	26.0	25.3	13:23	56.5	54.5	13:23	0.0	0.0	-
13:24	27.0	25.5	13:24	54.8	53.6	13:24	0.0	0.0	-
13:25	27.3	25.7	13:25	56.8	53.4	13:25	0.0	0.0	-
13:26	28.0	25.9	13:26	57.8	53.9	13:26	0.0	0.0	-
13:27	28.0	26.1	13:27	56.3	54.2	13:27	0.0	0.0	-
13:28	28.0	26.3	13:28	57.0	54.6	13:28	0.0	0.0	-
13:29	28.0	26.5	13:29	57.0	55.0	13:29	0.0	0.0	-
13:30	28.0	26.6	13:30	56.8	55.3	13:30	0.0	0.0	-
13:31	28.0	26.8	13:31	57.3	55.6	13:31	0.0	0.0	-
13:32	28.5	27.0	13:32	57.0	55.8	13:32	0.0	0.0	-
13:33	28.8	27.2	13:33	57.3	56.1	13:33	0.0	0.0	-
13:34	28.0	27.3	13:34	57.8	56.4	13:34	0.0	0.0	-
13:35	28.3	27.5	13:35	57.0	56.6	13:35	0.0	0.0	-
13:36	28.0	27.7	13:36	57.0	56.8	13:36	0.0	0.0	-
13:37	28.0	27.9	13:37	57.5	56.9	13:37	0.0	0.0	-
13:38	28.0	28.0	13:38	59.0	57.1	13:38	0.0	0.0	-
13:39	41.5	29.0	13:39	60.3	57.4	13:39	0.0	0.0	-
13:40	61.3	31.2	13:40	60.8	57.7	13:40	0.0	0.0	-
13:41	31.5	31.5	13:41	68.0	58.4	13:41	0.0	0.0	-
13:42	31.8	31.7	13:42	57.8	58.5	13:42	0.0	0.0	-
13:43	34.5	32.1	13:43	57.5	58.5	13:43	0.0	0.0	-
13:44	33.3	32.5	13:44	57.0	58.5	13:44	0.0	0.0	-
13:45	37.5	33.1	13:45	57.8	58.6	13:45	0.0	0.0	-
13:46	34.8	33.6	13:46	57.5	58.6	13:46	0.0	0.0	-
13:47	30.0	33.7	13:47	57.3	58.6	13:47	0.0	0.0	-
13:48	28.0	33.6	13:48	59.3	58.8	13:48	0.0	0.0	-
13:49	27.3	33.6	13:49	60.0	58.9	13:49	0.0	0.0	-
13:50	27.8	33.5	13:50	60.5	59.1	13:50	0.0	0.0	-
13:51	27.3	33.5	13:51	60.5	59.4	13:51	0.0	0.0	-
13:52	27.5	33.5	13:52	63.5	59.8	13:52	0.0	0.0	-
13:53	27.3	33.4	13:53	61.0	59.9	13:53	0.0	0.0	-
13:54	27.8	32.5	13:54	68.0	60.4	13:54	0.0	0.0	-
13:55	28.0	30.3	13:55	64.3	60.7	13:55	0.0	0.0	-
13:56	28.8	30.1	13:56	58.3	60.0	13:56	0.0	0.0	-
13:57	28.0	29.8	13:57	62.3	60.3	13:57	0.0	0.0	-
13:58	28.3	29.4	13:58	59.8	60.5	13:58	0.0	0.0	-
13:59	28.8	29.1	13:59	59.5	60.6	13:59	0.0	0.0	-
14:00	27.8	28.5	14:00	63.5	61.0	14:00	0.0	0.0	-
14:01	27.3	28.0	14:01	76.8	62.3	14:01	0.0	0.0	-
14:02	37.5	28.5	14:02	62.8	62.7	14:02	0.0	0.0	-
14:03	65.0	30.9	14:03	60.3	62.7	14:03	0.0	0.0	-
14:04	45.8	32.2	14:04	57.8	62.6	14:04	0.0	0.0	-
14:05	39.3	32.9	14:05	58.3	62.4	14:05	0.0	0.0	-
14:06	36.8	33.6	14:06	58.0	62.3	14:06	0.0	0.0	-
14:07	33.5	34.0	14:07	58.0	61.9	14:07	0.0	0.0	-
14:08	30.5	34.2	14:08	61.3	61.9	14:08	0.0	0.0	-
14:09	34.5	34.6	14:09	57.8	61.2	14:09	0.0	0.0	-
14:10	37.3	35.3	14:10	57.3	60.8	14:10	0.0	0.0	-
14:11	36.3	35.8	14:11	58.0	60.7	14:11	0.0	0.0	-
14:12	30.5	35.9	14:12	56.3	60.3	14:12	0.0	0.0	-
14:13	35.5	36.4	14:13	56.8	60.1	14:13	0.0	0.0	-
14:14	33.3	36.7	14:14	57.3	60.0	14:14	0.0	0.0	-
14:15	33.0	37.1	14:15	57.0	59.6	14:15	0.0	0.0	-
14:16	31.0	37.3	14:16	57.5	58.3	14:16	0.0	0.0	-
14:17	29.3	36.8	14:17	59.8	58.1	14:17	0.0	0.0	-
14:18	29.0	34.4	14:18	58.0	57.9	14:18	0.0	0.0	-
14:19	30.3	33.3	14:19	57.3	57.9	14:19	0.0	0.0	-
14:20	30.0	32.7	14:20	55.8	57.7	14:20	0.0	0.0	-
14:21	29.8	32.2	14:21	55.8	57.6	14:21	0.0	0.0	-
14:22	29.8	32.0	14:22	56.0	57.4	14:22	0.0	0.0	-
14:23	32.8	32.1	14:23	55.8	57.1	14:23	0.0	0.0	-

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
14:24	31.5	31.9	14:24	55.8	56.9	14:24	0.0	0.0	
14:25	29.3	31.4	14:25	55.5	56.8	14:25	0.0	0.0	-
14:26	31.0	31.1	14:26	56.0	56.7	14:26	0.0	0.0	-
14:27	31.5	31.1	14:27	56.5	56.7	14:27	0.0	0.0	-
14:28	30.3	30.8	14:28	59.8	56.9	14:28	0.0	0.0	-
14:29	30.5	30.6	14:29	64.0	57.4	14:29	0.0	0.0	-
14:30	33.3	30.6	14:30	60.5	57.6	14:30	0.0	0.0	-
14:31	27.3	30.4	14:31	55.8	57.5	14:31	0.0	0.0	-
14:32	34.8	30.7	14:32	53.0	57.0	14:32	0.0	0.0	-
14:33	33.5	31.0	14:33	51.0	56.6	14:33	0.0	0.0	-
14:34	30.0	31.0	14:34	51.8	56.2	14:34	0.0	0.0	-
14:35	30.0	31.0	14:35	56.8	56.3	14:35	0.0	0.0	-
14:36	27.0	30.8	14:36	52.8	56.1	14:36	0.0	0.0	-
14:37	28.0	30.7	14:37	54.5	56.0	14:37	0.0	0.0	-
14:38	30.0	30.5	14:38	51.5	55.7	14:38	0.0	0.0	-
14:39	32.8	30.6	14:39	48.8	55.2	14:39	0.0	0.0	-
14:40	30.3	30.7	14:40	45.3	54.5	14:40	0.0	0.0	-
14:41	31.3	30.7	14:41	48.3	54.0	14:41	0.0	0.0	-
14:42	32.0	30.7	14:42	48.3	53.5	14:42	0.0	0.0	-
14:43	32.3	30.9	14:43	46.8	52.6	14:43	0.0	0.0	-
14:44	33.5	31.1	14:44	46.0	51.4	14:44	0.0	0.0	-
14:45	31.8	31.0	14:45	45.0	50.4	14:45	0.0	0.0	-
14:46	28.5	31.0	14:46	47.0	49.8	14:46	0.0	0.0	-
14:47	25.5	30.4	14:47	46.3	49.3	14:47	0.0	0.0	-
14:48	28.5	30.1	14:48	45.0	48.9	14:48	0.0	0.0	-
14:49	28.8	30.0	14:49	47.0	48.6	14:49	0.0	0.0	-
14:50	29.8	30.0	14:50	47.8	48.0	14:50	0.0	0.0	-
14:51	28.5	30.1	14:51	46.3	47.6	14:51	0.0	0.0	-
14:52	30.3	30.2	14:52	44.8	46.9	14:52	0.0	0.0	-
14:53	27.5	30.1	14:53	42.8	46.3	14:53	0.0	0.0	-
14:54	26.0	29.6	14:54	42.5	45.9	14:54	0.0	0.0	-
14:55	22.0	29.1	14:55	42.3	45.7	14:55	0.0	0.0	-
14:56	20.3	28.3	14:56	42.5	45.3	14:56	0.0	0.0	-
14:57	22.5	27.7	14:57	46.0	45.2	14:57	0.0	0.0	-
14:58	24.5	27.2	14:58	43.5	45.0	14:58	0.0	0.0	-
14:59	29.0	26.9	14:59	39.8	44.6	14:59	0.0	0.0	-
15:00	24.0	26.4	15:00	38.8	44.1	15:00	0.0	0.0	-
15:01	21.0	25.9	15:01	39.5	43.6	15:01	0.0	0.0	-
15:02	24.5	25.8	15:02	38.5	43.1	15:02	0.0	0.0	-
15:03	28.3	25.8	15:03	39.5	42.8	15:03	0.0	0.0	-
15:04	19.8	25.2	15:04	38.8	42.2	15:04	0.0	0.0	-
15:05	16.0	24.3	15:05	37.3	41.5	15:05	0.0	0.0	-
15:06	16.0	23.4	15:06	38.8	41.0	15:06	0.0	0.0	-
15:07	17.0	22.6	15:07	44.3	41.0	15:07	0.0	0.0	-
15:08	17.8	21.9	15:08	49.0	41.4	15:08	0.0	0.0	-
15:09	17.0	21.3	15:09	46.5	41.7	15:09	0.0	0.0	-
15:10	16.3	20.9	15:10	39.5	41.5	15:10	0.0	0.0	-
15:11	16.0	20.6	15:11	36.8	41.1	15:11	0.0	0.0	-
15:12	15.5	20.2	15:12	37.5	40.5	15:12	0.0	0.0	-
15:13	16.0	19.6	15:13	37.8	40.1	15:13	0.0	0.0	-
15:14	16.0	18.7	15:14	37.3	40.0	15:14	0.0	0.0	-
15:15	16.0	18.2	15:15	37.3	39.9	15:15	0.0	0.0	-
15:16	15.0	17.8	15:16	39.5	39.9	15:16	0.0	0.0	-
15:17	15.0	17.2	15:17	37.3	39.8	15:17	0.0	0.0	-
15:18	15.0	16.3	15:18	36.3	39.6	15:18	0.0	0.0	-
15:19	14.8	16.0	15:19	36.5	39.4	15:19	0.0	0.0	-
15:20	15.3	15.9	15:20	36.3	39.4	15:20	0.0	0.0	-
15:21	15.5	15.9	15:21	36.5	39.2	15:21	0.0	0.0	-
15:22	16.0	15.8	15:22	37.3	38.7	15:22	0.0	0.0	-
15:23	15.0	15.6	15:23	37.5	38.0	15:23	0.0	0.0	-
15:24	15.8	15.5	15:24	36.0	37.3	15:24	0.0	0.0	-
15:25	15.3	15.5	15:25	35.0	37.0	15:25	0.0	0.0	-
15:26	15.3	15.4	15:26	41.3	37.3	15:26	0.0	0.0	-
15:27	16.0	15.5	15:27	64.8	39.1	15:27	0.0	0.0	-
15:28	17.0	15.5	15:28	61.8	40.7	15:28	0.0	0.0	-
15:29	17.0	15.6	15:29	58.5	42.1	15:29	0.0	0.0	-
15:30	16.0	15.6	15:30	51.5	43.1	15:30	0.0	0.0	-
15:31	16.0	15.7	15:31	42.3	43.2	15:31	0.0	0.0	-
15:32	17.0	15.8	15:32	36.5	43.2	15:32	0.0	0.0	-
15:33	16.0	15.9	15:33	36.8	43.2	15:33	0.0	0.0	-
15:34	15.5	15.9	15:34	38.0	43.3	15:34	0.0	0.0	-
15:35	14.3	15.8	15:35	37.0	43.4	15:35	0.0	0.0	-
15:36	14.0	15.7	15:36	34.0	43.2	15:36	0.0	0.0	-
15:37	14.0	15.6	15:37	34.8	43.0	15:37	0.0	0.0	-
15:38	14.0	15.5	15:38	34.0	42.8	15:38	0.0	0.0	-
15:39	0.0	14.5	15:39	14.0	41.3	15:39	34.8	2.3	-

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)
15:40	0.0	13.5	15:40	14.0	39.9	15:40	34.3	4.6
15:41	0.0	12.5	15:41	14.3	38.1	15:41	34.0	6.9
15:42	0.0	11.4	15:42	14.5	34.8	15:42	34.8	9.2
15:43	0.0	10.3	15:43	16.5	31.8	15:43	37.0	11.7
15:44	0.0	9.1	15:44	16.3	29.0	15:44	48.8	14.9
15:45	0.0	8.1	15:45	17.3	26.7	15:45	42.8	17.8
15:46	0.0	7.0	15:46	17.3	25.0	15:46	37.0	20.2
15:47	0.0	5.9	15:47	17.3	23.7	15:47	36.0	22.6
15:48	0.0	4.8	15:48	15.3	22.3	15:48	36.5	25.1
15:49	17.0	4.9	15:49	37.8	22.3	15:49	0.0	25.1
15:50	17.3	5.1	15:50	38.0	22.3	15:50	0.0	25.1
15:51	15.5	5.2	15:51	38.5	22.6	15:51	0.0	25.1
15:52	15.5	5.3	15:52	42.3	23.1	15:52	0.0	25.1
15:53	16.0	5.4	15:53	36.8	23.3	15:53	0.0	25.1
15:54	15.0	6.4	15:54	36.0	24.8	15:54	0.0	22.7
15:55	15.5	7.5	15:55	35.3	26.2	15:55	0.0	20.5
15:56	15.8	8.5	15:56	34.8	27.6	15:56	0.0	18.2
15:57	14.5	9.5	15:57	34.0	28.9	15:57	0.0	15.9
15:58	14.5	10.4	15:58	36.5	30.2	15:58	0.0	13.4
15:59	14.0	11.4	15:59	34.8	31.4	15:59	0.0	10.2
16:00	14.0	12.3	16:00	33.3	32.5	16:00	0.0	7.3
16:01	14.3	13.3	16:01	33.8	33.6	16:01	0.0	4.8
16:02	14.0	14.2	16:02	37.8	35.0	16:02	0.0	2.4
16:03	14.0	15.1	16:03	35.5	36.3	16:03	0.0	0.0
16:04	0.0	14.0	16:04	13.3	34.7	16:04	35.0	2.3
16:05	0.0	12.8	16:05	13.0	33.0	16:05	34.0	4.6
16:06	0.0	11.8	16:06	13.3	31.3	16:06	33.5	6.8
16:07	0.0	10.8	16:07	13.8	29.4	16:07	33.0	9.0
16:08	0.0	9.7	16:08	13.0	27.9	16:08	33.0	11.2
16:09	0.0	8.7	16:09	13.0	26.3	16:09	32.5	13.4
16:10	0.0	7.7	16:10	13.0	24.8	16:10	33.3	15.6
16:11	0.0	6.6	16:11	13.3	23.4	16:11	36.5	18.1
16:12	0.0	5.7	16:12	14.0	22.1	16:12	35.5	20.4
16:13	0.0	4.7	16:13	16.5	20.7	16:13	35.5	22.8
16:14	0.0	3.8	16:14	18.0	19.6	16:14	35.8	25.2
16:15	0.0	2.8	16:15	18.8	18.7	16:15	37.8	27.7
16:16	0.0	1.9	16:16	15.8	17.5	16:16	39.3	30.3
16:17	0.0	0.9	16:17	15.0	15.9	16:17	36.3	32.7
16:18	0.0	0.0	16:18	15.0	14.6	16:18	34.0	35.0
16:19	0.0	0.0	16:19	15.0	14.7	16:19	33.8	34.9
16:20	0.0	0.0	16:20	14.0	14.8	16:20	33.0	34.8
16:21	0.0	0.0	16:21	13.0	14.7	16:21	35.0	34.9
16:22	0.0	0.0	16:22	13.3	14.7	16:22	36.0	35.1
16:23	0.0	0.0	16:23	14.3	14.8	16:23	36.3	35.4
16:24	0.0	0.0	16:24	15.5	15.0	16:24	35.3	35.5
16:25	0.0	0.0	16:25	15.8	15.1	16:25	36.5	35.8
16:26	0.0	0.0	16:26	13.5	15.2	16:26	31.0	35.4
16:27	0.0	0.0	16:27	12.5	15.1	16:27	31.0	35.1
16:28	0.0	0.0	16:28	12.0	14.8	16:28	32.8	34.9
16:29	0.0	0.0	16:29	12.0	14.4	16:29	31.3	34.6
16:30	0.0	0.0	16:30	12.0	13.9	16:30	31.0	34.2
16:31	0.0	0.0	16:31	12.0	13.7	16:31	32.0	33.7
16:32	0.0	0.0	16:32	12.0	13.5	16:32	34.0	33.5
16:33	0.0	0.0	16:33	12.0	13.3	16:33	33.3	33.5
16:34	0.0	0.0	16:34	13.5	13.2	16:34	37.0	33.7
16:35	0.0	0.0	16:35	15.0	13.2	16:35	35.3	33.8
16:36	0.0	0.0	16:36	15.5	13.4	16:36	33.3	33.7
16:37	0.0	0.0	16:37	15.5	13.5	16:37	34.3	33.6
16:38	0.0	0.0	16:38	15.0	13.6	16:38	33.5	33.4
16:39	0.0	0.0	16:39	13.5	13.5	16:39	32.5	33.2
16:40	0.0	0.0	16:40	13.5	13.3	16:40	32.0	32.9
16:41	0.0	0.0	16:41	14.5	13.4	16:41	32.3	33.0
16:42	0.0	0.0	16:42	14.5	13.5	16:42	33.0	33.2
16:43	0.0	0.0	16:43	14.3	13.7	16:43	34.5	33.3
16:44	0.0	0.0	16:44	14.5	13.8	16:44	35.0	33.5

Thursday, January 5, 2023									
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 = 0									
Number of Comparable Data Points = 575									
Start Time: 6:55									
End Time: 16:44									
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
6:55	0.0	-	6:55	0.0	-	6:55	0.0	-	-
6:56	0.0	-	6:56	0.0	-	6:56	0.0	-	-
6:57	0.0	-	6:57	0.0	-	6:57	0.0	-	-
6:58	0.0	-	6:58	0.0	-	6:58	0.0	-	-
6:59	0.0	-	6:59	0.0	-	6:59	0.0	-	-
7:00	0.0	-	7:00	0.0	-	7:00	0.0	-	-
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	0.0	7:10	0.0	0.0	7:10	0.0	0.0	-
7:11	0.0	0.0	7:11	0.0	0.0	7:11	0.0	0.0	-
7:12	0.0	0.0	7:12	0.0	0.0	7:12	0.0	0.0	-
7:13	0.0	0.0	7:13	0.0	0.0	7:13	0.0	0.0	-
7:14	0.0	0.0	7:14	0.0	0.0	7:14	0.0	0.0	-
7:15	0.0	0.0	7:15	0.0	0.0	7:15	0.0	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	0.0	0.0	7:23	0.0	0.0	7:23	0.0	0.0	-
7:24	0.0	0.0	7:24	0.0	0.0	7:24	0.0	0.0	-
7:25	0.0	0.0	7:25	0.0	0.0	7:25	0.0	0.0	-
7:26	0.0	0.0	7:26	0.0	0.0	7:26	0.0	0.0	-
7:27	0.0	0.0	7:27	0.0	0.0	7:27	0.0	0.0	-
7:28	0.0	0.0	7:28	0.0	0.0	7:28	0.0	0.0	-
7:29	0.0	0.0	7:29	0.0	0.0	7:29	0.0	0.0	-
7:30	0.0	0.0	7:30	0.0	0.0	7:30	0.0	0.0	-
7:31	0.0	0.0	7:31	0.0	0.0	7:31	0.0	0.0	-
7:32	0.0	0.0	7:32	0.0	0.0	7:32	0.0	0.0	-
7:33	0.0	0.0	7:33	0.0	0.0	7:33	0.0	0.0	-
7:34	0.0	0.0	7:34	0.0	0.0	7:34	0.0	0.0	-
7:35	0.0	0.0	7:35	0.0	0.0	7:35	0.0	0.0	-
7:36	0.0	0.0	7:36	0.0	0.0	7:36	0.0	0.0	-
7:37	0.0	0.0	7:37	0.0	0.0	7:37	0.0	0.0	-
7:38	0.0	0.0	7:38	0.0	0.0	7:38	0.0	0.0	-
7:39	0.0	0.0	7:39	0.0	0.0	7:39	0.0	0.0	-
7:40	0.0	0.0	7:40	0.0	0.0	7:40	0.0	0.0	-
7:41	0.0	0.0	7:41	0.0	0.0	7:41	0.0	0.0	-
7:42	0.0	0.0	7:42	0.0	0.0	7:42	0.0	0.0	-
7:43	0.0	0.0	7:43	0.0	0.0	7:43	0.0	0.0	-
7:44	0.0	0.0	7:44	0.0	0.0	7:44	0.0	0.0	-
7:45	0.0	0.0	7:45	0.0	0.0	7:45	0.0	0.0	-
7:46	0.0	0.0	7:46	0.0	0.0	7:46	0.0	0.0	-
7:47	0.0	0.0	7:47	0.0	0.0	7:47	0.0	0.0	-
7:48	0.0	0.0	7:48	0.0	0.0	7:48	0.0	0.0	-
7:49	0.0	0.0	7:49	0.0	0.0	7:49	0.0	0.0	-
7:50	0.0	0.0	7:50	0.0	0.0	7:50	0.0	0.0	-
7:51	0.0	0.0	7:51	0.0	0.0	7:51	0.0	0.0	-
7:52	0.0	0.0	7:52	0.0	0.0	7:52	0.0	0.0	-
7:53	0.0	0.0	7:53	0.0	0.0	7:53	0.0	0.0	-
7:54	0.0	0.0	7:54	0.0	0.0	7:54	0.0	0.0	-
7:55	0.0	0.0	7:55	0.0	0.0	7:55	0.0	0.0	-
7:56	0.0	0.0	7:56	0.0	0.0	7:56	0.0	0.0	-
7:57	0.0	0.0	7:57	0.0	0.0	7:57	0.0	0.0	-
7:58	0.0	0.0	7:58	0.0	0.0	7:58	0.0	0.0	-
7:59	0.0	0.0	7:59	0.0	0.0	7:59	0.0	0.0	-
8:00	0.0	0.0	8:00	0.0	0.0	8:00	0.0	0.0	-
8:01	0.0	0.0	8:01	0.0	0.0	8:01	0.0	0.0	-
8:02	0.0	0.0	8:02	0.0	0.0	8:02	0.0	0.0	-
8:03	0.0	0.0	8:03	0.0	0.0	8:03	0.0	0.0	-
8:04	0.0	0.0	8:04	0.0	0.0	8:04	0.0	0.0	-

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)		
8:05	0.0	0.0	8:05	0.0	0.0	8:05	0.0	0.0	-	
8:06	0.0	0.0	8:06	0.0	0.0	8:06	0.0	0.0	-	
8:07	0.0	0.0	8:07	0.0	0.0	8:07	0.0	0.0	-	
8:08	0.0	0.0	8:08	0.0	0.0	8:08	0.0	0.0	-	
8:09	0.0	0.0	8:09	0.0	0.0	8:09	0.0	0.0	-	
8:10	0.0	0.0	8:10	0.0	0.0	8:10	0.0	0.0	-	
8:11	0.0	0.0	8:11	0.0	0.0	8:11	0.0	0.0	-	
8:12	0.0	0.0	8:12	0.0	0.0	8:12	0.0	0.0	-	
8:13	0.0	0.0	8:13	0.0	0.0	8:13	0.0	0.0	-	
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	0.1	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	-	

PID DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
9:21	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	-
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	-









