

# LANGAN SITE OBSERVATION REPORT – Day 050

<b>CLIENT:</b> Gowanus Canal LLC and GowCan Owner, LLC	<b>DATE:</b> Friday, November 4, 2022
<b>PROJECT No.:</b> 170295301	<b>WEATHER:</b> Clear, 53 to 73 °F Wind: NE @ 0-3 mph
<b>PROJECT:</b> Gowanus Canal Northside	<b>TIME:</b> 06:30 – 17:30
<b>LOCATION:</b> Brooklyn, New York	<b>BCP SITE ID:</b> C224080
<b>EQUIPMENT:</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> Eddie Cai, Alex Nolan (Environmental), Evin Ye, Ashlene Bisram (Geotechnical) <b>Modern Industries:</b> Mark Fernandes <b>Urban Atelier Group (UAG):</b> Seth Anderson <b>Kingdom Associates, Inc. (Kingdom):</b> Paddy Kearney

## 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 live-loaded historic fill from waste characterization grid WC03 (WC03\_COMP\_0-5 and WC03\_COMP\_5-10) into permitted tri-axle trucks for off-site disposal. See material tracking section for details.
- Kingdom exported previously stockpiled construction and demolition (C&D) debris in permitted tri-axle trucks for off-site disposal. See material tracking section for details.
- Kingdom excavated an about 40-foot-long by 20-foot-wide area to about 7 feet below grade surface (bgs) to install support-of-excavation (SOE) lagging and create a level drilling surface for foundation pile installation in the northern part of Society Brooklyn. Excavated material consisted of historic fill and C&D debris.
  - Excavated historic fill was screened for odor, staining, and organic vapors using a photoionization detector (PID). Petroleum-like impacts, including a maximum PID reading of 30 parts per million (ppm), petroleum-like odor, and black staining were observed.
  - Kingdom applied odor suppressants (BioSolve Pinkwater and ATMOS odor suppressant foam) to excavated historic fill during excavation and stockpiling.
  - Excavated historic fill was live-loaded into permitted tri-axle trucks for off-site disposal and temporarily stockpiled adjacent to the excavation on top of and covered with polyethylene sheeting pending future off-site disposal.
  - Excavated C&D debris was stockpiled in the northern part of Society Brooklyn pending future off-site disposal.
- Kingdom excavated nine about 3-foot-long by 3-foot-wide areas to about 3 feet bgs to expose previously installed foundation piles in the northeastern and eastern parts of Society Brooklyn. Excavated material consisted of historic fill.
  - Excavated historic fill was screened for odor, staining, and organic vapors using a PID. No impacts were observed.
  - Excavated historic fill was temporarily staged adjacent to the excavations pending future off-site disposal.

<b>Cc:</b> J. Hayes, M. Burke, P. Farnham, E. Adkins, A. Nesci	<b>By:</b> Eddie Cai
	<b>Langan, D.P.C.</b>

- Kingdom installed foundation piles in the western and central parts of Sackett Place.
  - The foundation piles were advanced to a maximum depth of about 85 feet bgs. Drilling spoils were screened for odor, staining, and organic vapors using a PID. MGP impacts, including a maximum PID reading of 40 ppm and mothball-like odors, were observed in eight of the foundation piles.
  - The MGP-impacted drilling spoils were segregated and added to existing stockpiles in the southern part of Society Brooklyn on top of polyethylene sheeting and covered at the end of the day pending future off-site disposal.
  - The non MGP-impacted drilling spoils were added to existing stockpiles in the southern part of Society Brooklyn on top of polyethylene sheeting and covered at the end of the day pending future off-site disposal.
- Modern Industries collected two waste characterization sample sets, each sample set was comprised of a grab sample and a 5-point composite sample, from stockpiled drilling spoils across the site and one grab sample from petroleum-impacted concrete to facilitate future off-site disposal.

**Import and Export Tracking**

- Kingdom exported sixteen truckloads of historic fill from waste characterization grid WC03 (WC03\_COMP\_0-5 and WC03\_COMP\_5-10) to Bayshore Soil Management (BSM) in Keasbey, NJ.
- Kingdom exported 4 truckloads of C&D debris to Faztec Industries in Staten Island, New York.
- No material was imported.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	16	137
	Quantity (CY)	320	2,740
Bayshore Soil Management Keasbey, NJ Non-Hazardous MGP-Impacted Soil/Fill	No. Loads	0	26
	Quantity (CY)	0	520

Material Import Summary				
Facility	NYSDEC Approved Quantity (CY)	Imported	Today	Total
Stavola Construction Materials, Inc Bridgewater, NJ 2.5-inch Stone	1,000	No. Loads	0	6
		Quantity (CY)	0	120
87 19 <sup>th</sup> Avenue Astoria, NY 2.5-inch Stone	2,000	No. Loads	0	2
		Quantity (CY)	0	70
Impact Environmental Jersey City, NJ 0.5-inch Crushed Stone	2,000	No. Loads	0	0
		Quantity (CY)	0	0

**Sampling**

- Modern Industries collected two waste characterization sample sets (SB-SPOILS-1 and SAC-MGP-1), each sample set was comprised of a grab sample and a 5-point composite sample, from stockpiled drilling spoils. The waste characterization samples will be analyzed for Part 375/Target Compound List (TCL) volatile organic carbons (VOC), semivolatle organic compounds (SVOC), polychlorinated biphenyls (PCB), Target Analyte List

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(TAL) metals (including hexavalent/trivalent chromium), total sulfur, and extractable petroleum hydrocarbons (EPH) by Aqua Pro-Tech Laboratories in Fairfield, NJ.

- Modern Industries collected one grab sample (SB-CONC-1) from petroleum-impacted concrete located in the southeastern part of Society Brooklyn. The sample will be analyzed for VOCs, SVOCs, and PCBs by Aqua Pro-Tech Laboratories in Fairfield, NJ.

**Community Air Monitoring**

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

**Anticipated Activities**

- Kingdom will continue to install foundation piles at Society Brooklyn and Sackett Place.
- Kingdom will continue to install SOE at Society Brooklyn.
- An FDNY-licensed tank contractor will clean and remove the 750-gallon UST.

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**Site Photographs:**



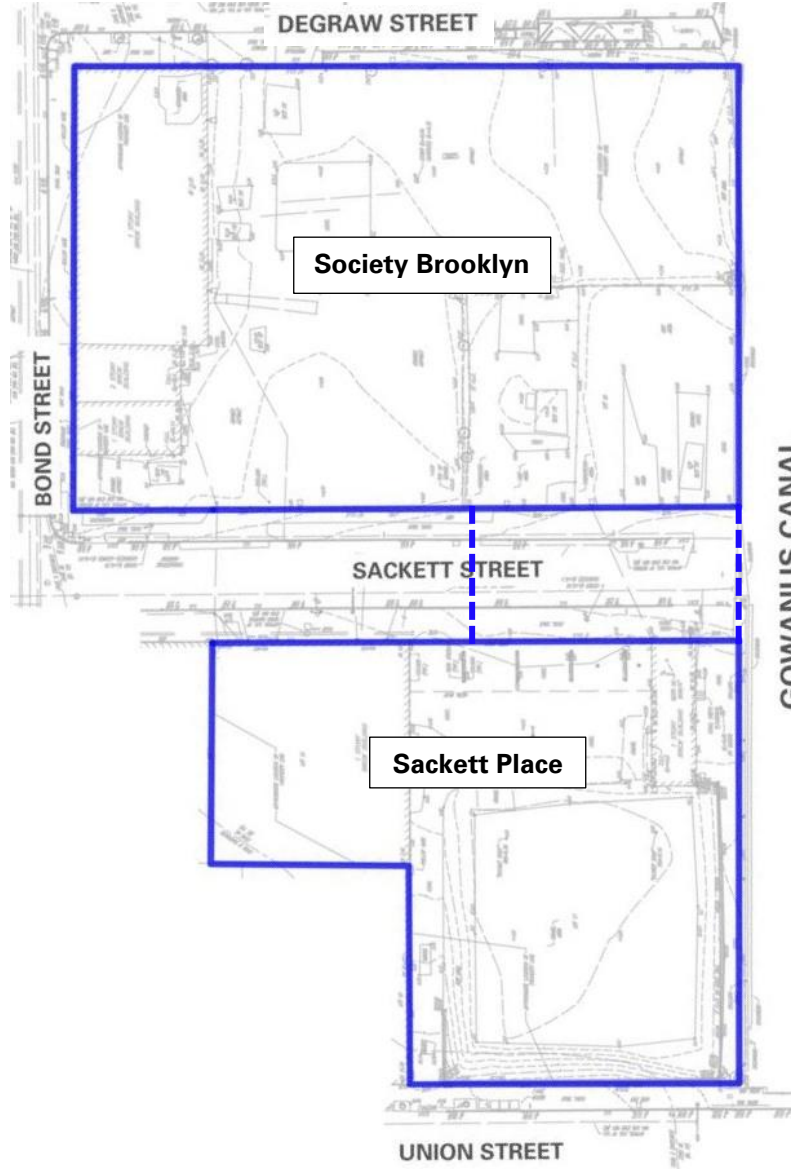
**Photo 1:** Kingdom applying Biosolve Pinkwater during excavation in the northern part of Society Brooklyn (facing east)



**Photo 2:** Kingdom installing a foundation pile in the western part of Sackett Place (facing north)

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**Site Map 1:**



**Legend**

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

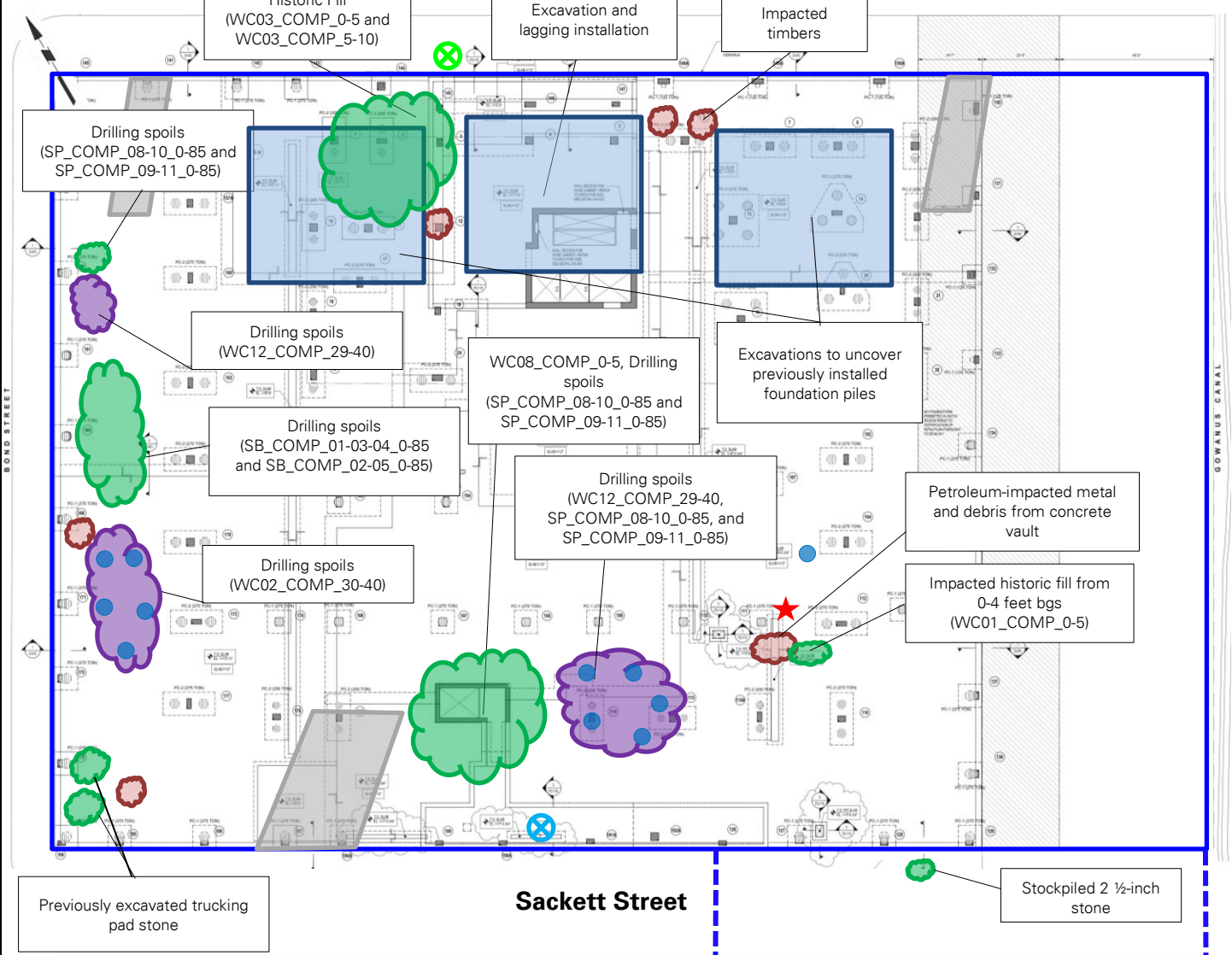
**Notes**

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

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

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



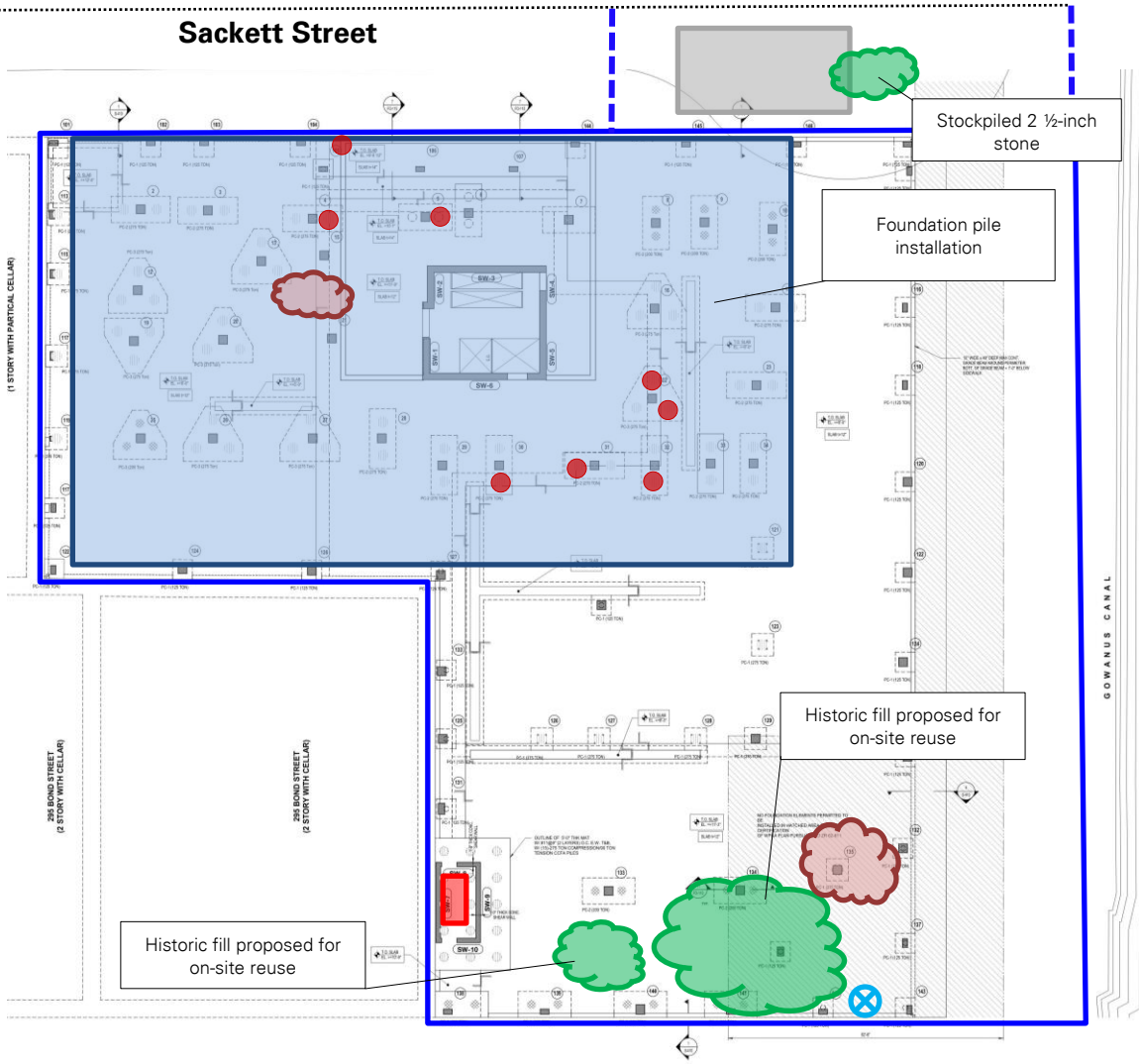
**Legend:**

- Approximate site boundary
- - - Approximate construction fence boundary
- ⊗ Upwind air monitoring station
- ⊗ Downwind air monitoring station
- Approximate work area
- Approximate stabilized construction entrance
- ☁ Approximate soil/fill stockpile location
- ☁ Approximate MGP-impacted stockpile location
- ☁ Approximate C&D debris stockpile location
- ★ Approximate floor drain location
- Approximate location of MGP-impacted pile drilled today
- Approximate location of waste characterization sample collected today


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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.

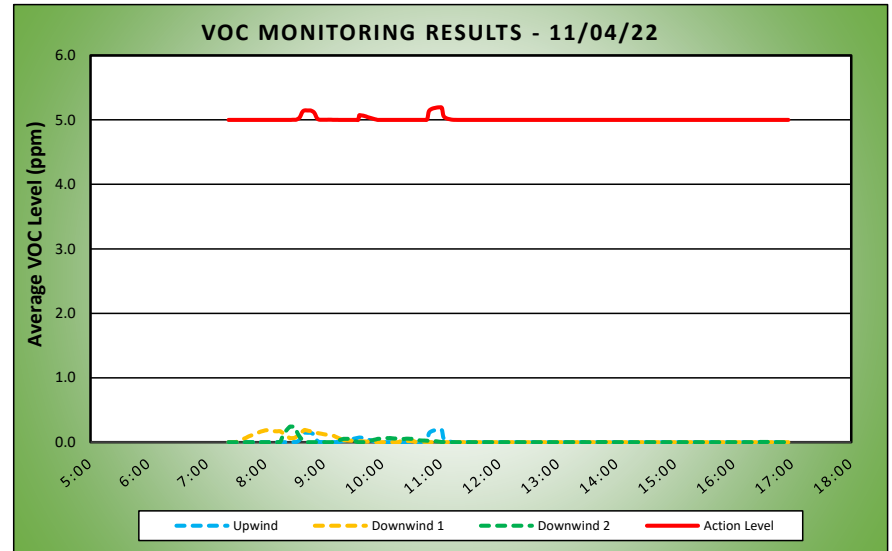
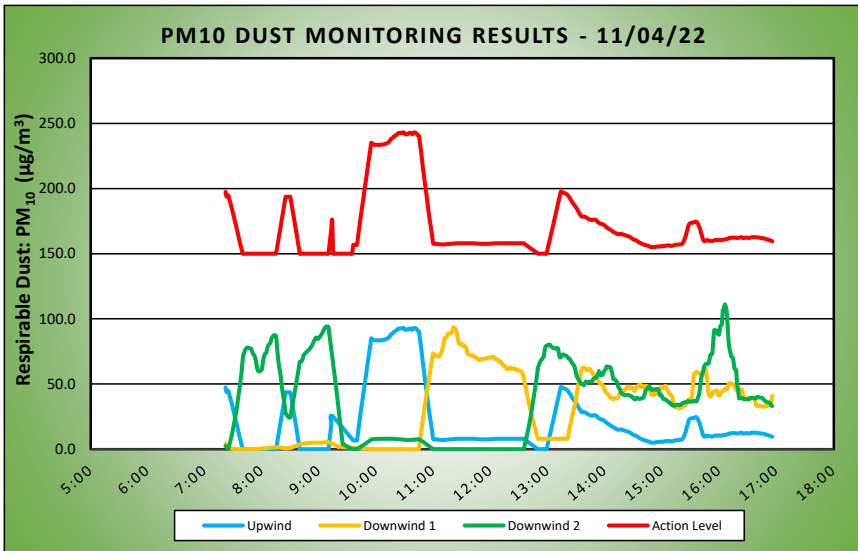


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			<b>Langan, D.P.C.</b>

	<b>DAILY AIR MONITORING REPORT</b>				11/04/22	
	<b>Gowanus Canal Northside</b>				Project number: 170295301	
	<b>267 Bond Street, Brooklyn, New York</b>				Page 1 of 2	Rev. No. 0
					Submitted By:	
					Dust Action Level	150 $\mu\text{g}/\text{m}^3$
				TVOC Action Level	5 ppm	

Weather Data Range for Work Day		Wind Direction	NE	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)	53.0 - 73.0	Wind Speed (MPH)	0.1 - 3.3	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		21.7	93.1	10:40	0.0	0.2	11:00
Downwind 1		32.1	93.5	11:21	0.0	0.2	8:40
Downwind 2		37.0	111.1	16:06	0.0	0.2	8:25



Air Monitoring Notes:

Sampling Notes:

Weather Notes:





Friday, November 4, 2022									
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =									0
Number of Comparable Data Points =									554
Start Time:									7:07
End Time:									16:56
PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	
7:07	91.0	-	7:07	8.5	-	7:07	6.0	-	-
7:08	95.4	-	7:08	15.4	-	7:08	11.0	-	-
7:09	39.0	-	7:09	12.0	-	7:09	8.6	-	-
7:10	39.6	-	7:10	9.0	-	7:10	6.4	-	-
7:11	40.2	-	7:11	6.8	-	7:11	4.4	-	-
7:12	41.6	-	7:12	5.4	-	7:12	3.0	-	-
7:13	42.0	-	7:13	4.2	-	7:13	2.0	-	-
7:14	43.0	-	7:14	3.2	-	7:14	1.2	-	-
7:15	44.2	-	7:15	2.4	-	7:15	0.6	-	-
7:16	45.5	-	7:16	2.0	-	7:16	0.0	-	-
7:17	46.0	-	7:17	1.2	-	7:17	0.0	-	-
7:18	45.3	-	7:18	1.0	-	7:18	0.0	-	-
7:19	45.5	-	7:19	0.8	-	7:19	0.0	-	-
7:20	47.5	-	7:20	0.0	-	7:20	0.0	-	-
7:21	49.8	-	7:21	0.0	-	7:21	0.0	-	-
7:22	46.0	47.4	7:22	0.0	4.2	7:22	0.0	2.5	-
7:23	43.3	43.9	7:23	0.0	3.2	7:23	0.0	1.7	-
7:24	44.0	44.2	7:24	0.0	2.4	7:24	0.0	1.2	-
7:25	45.5	44.6	7:25	0.0	1.8	7:25	0.0	0.7	-
7:26	0.0	41.9	7:26	0.0	1.3	7:26	43.8	3.4	-
7:27	0.0	39.2	7:27	0.0	1.0	7:27	45.0	6.2	-
7:28	0.0	36.4	7:28	0.0	0.7	7:28	45.5	9.1	-
7:29	0.0	33.5	7:29	0.0	0.5	7:29	50.8	12.4	-
7:30	0.0	30.6	7:30	0.0	0.3	7:30	58.0	16.2	-
7:31	0.0	27.5	7:31	0.0	0.2	7:31	58.3	20.1	-
7:32	0.0	24.5	7:32	0.0	0.1	7:32	59.8	24.1	-
7:33	0.0	21.4	7:33	0.0	0.1	7:33	56.8	27.9	-
7:34	0.0	18.4	7:34	0.0	0.0	7:34	60.3	31.9	-
7:35	0.0	15.2	7:35	0.0	0.0	7:35	92.5	38.0	-
7:36	0.0	11.9	7:36	0.0	0.0	7:36	80.8	43.4	-
7:37	0.0	8.9	7:37	0.0	0.0	7:37	71.3	48.2	-
7:38	0.0	6.0	7:38	0.0	0.0	7:38	85.0	53.8	-
7:39	0.0	3.0	7:39	0.0	0.0	7:39	106.5	60.9	-
7:40	0.0	0.0	7:40	0.0	0.0	7:40	117.3	68.8	-
7:41	0.0	0.0	7:41	0.0	0.0	7:41	103.0	72.7	-
7:42	0.0	0.0	7:42	0.0	0.0	7:42	79.0	75.0	-
7:43	0.0	0.0	7:43	0.0	0.0	7:43	69.8	76.6	-
7:44	0.0	0.0	7:44	0.0	0.0	7:44	65.5	77.6	-
7:45	0.0	0.0	7:45	0.0	0.0	7:45	64.3	78.0	-
7:46	0.0	0.0	7:46	0.0	0.0	7:46	57.0	77.9	-
7:47	0.0	0.0	7:47	0.0	0.0	7:47	54.0	77.5	-
7:48	0.0	0.0	7:48	0.0	0.0	7:48	53.8	77.3	-
7:49	0.0	0.0	7:49	0.0	0.0	7:49	57.0	77.1	-
7:50	0.0	0.0	7:50	0.0	0.0	7:50	58.3	74.8	-
7:51	0.0	0.0	7:51	0.0	0.0	7:51	56.8	73.2	-
7:52	0.0	0.0	7:52	0.0	0.0	7:52	55.3	72.2	-
7:53	0.0	0.0	7:53	0.5	0.0	7:53	57.3	70.3	-
7:54	0.0	0.0	7:54	1.0	0.1	7:54	57.5	67.0	-
7:55	0.0	0.0	7:55	1.0	0.2	7:55	55.3	62.9	-
7:56	0.0	0.0	7:56	1.0	0.2	7:56	63.5	60.3	-
7:57	0.0	0.0	7:57	1.0	0.3	7:57	69.3	59.6	-
7:58	0.0	0.0	7:58	1.0	0.4	7:58	72.8	59.8	-
7:59	0.0	0.0	7:59	1.0	0.4	7:59	73.3	60.3	-
8:00	0.0	0.0	8:00	1.0	0.5	8:00	75.8	61.1	-
8:01	0.0	0.0	8:01	1.0	0.6	8:01	121.5	65.4	-
8:02	0.0	0.0	8:02	1.0	0.6	8:02	120.3	69.8	-
8:03	0.0	0.0	8:03	1.0	0.7	8:03	98.5	72.8	-
8:04	0.0	0.0	8:04	1.0	0.8	8:04	67.3	73.5	-
8:05	0.0	0.0	8:05	1.0	0.8	8:05	76.0	74.7	-
8:06	0.0	0.0	8:06	1.0	0.9	8:06	107.0	78.0	-
8:07	0.0	0.0	8:07	1.5	1.0	8:07	80.3	79.7	-
8:08	0.0	0.0	8:08	2.0	1.1	8:08	70.3	80.6	-
8:09	0.0	0.0	8:09	2.0	1.2	8:09	72.5	81.6	-
8:10	0.0	0.0	8:10	2.0	1.2	8:10	98.3	84.4	-
8:11	0.0	0.0	8:11	2.0	1.3	8:11	85.5	85.9	-
8:12	0.0	0.0	8:12	2.0	1.4	8:12	84.8	86.9	-
8:13	0.0	0.0	8:13	2.0	1.4	8:13	80.8	87.5	-
8:14	0.0	0.0	8:14	2.0	1.5	8:14	73.3	87.5	-
8:15	0.0	0.0	8:15	2.0	1.6	8:15	65.0	86.7	-
8:16	63.5	4.2	8:16	0.0	1.5	8:16	2.0	78.8	-
8:17	64.3	8.5	8:17	0.0	1.4	8:17	2.8	70.9	-

PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	
8:18	65.8	12.9	8:18	0.0	1.4	8:18	3.0	64.6	-
8:19	64.8	17.2	8:19	0.0	1.3	8:19	3.0	60.3	-
8:20	65.0	21.6	8:20	0.0	1.2	8:20	3.0	55.4	-
8:21	64.3	25.8	8:21	0.0	1.2	8:21	3.0	48.5	-
8:22	66.0	30.2	8:22	0.0	1.1	8:22	3.0	43.3	-
8:23	67.5	34.7	8:23	0.0	0.9	8:23	3.0	38.9	-
8:24	66.8	39.2	8:24	0.0	0.8	8:24	3.0	34.2	-
8:25	66.0	43.6	8:25	0.0	0.7	8:25	3.0	27.9	-
8:26	0.0	43.6	8:26	3.0	0.7	8:26	67.5	26.7	-
8:27	0.0	43.6	8:27	3.0	0.8	8:27	68.0	25.6	-
8:28	0.0	43.6	8:28	3.0	0.9	8:28	67.5	24.7	-
8:29	0.0	43.6	8:29	3.0	0.9	8:29	67.5	24.3	-
8:30	0.0	43.6	8:30	3.0	1.0	8:30	66.8	24.4	-
8:31	0.0	39.4	8:31	4.0	1.3	8:31	65.0	28.6	-
8:32	0.0	35.1	8:32	4.0	1.5	8:32	66.5	32.9	-
8:33	0.0	30.7	8:33	4.0	1.8	8:33	66.5	37.1	-
8:34	0.0	26.4	8:34	4.0	2.1	8:34	66.5	41.3	-
8:35	0.0	22.0	8:35	4.0	2.3	8:35	66.0	45.5	-
8:36	0.0	17.8	8:36	4.0	2.6	8:36	66.3	49.7	-
8:37	0.0	13.4	8:37	4.0	2.9	8:37	67.3	54.0	-
8:38	0.0	8.9	8:38	4.0	3.1	8:38	68.0	58.4	-
8:39	0.0	4.4	8:39	4.8	3.5	8:39	68.0	62.7	-
8:40	0.0	0.0	8:40	5.0	3.8	8:40	68.5	67.1	-
8:41	0.0	0.0	8:41	5.0	3.9	8:41	71.5	67.3	-
8:42	0.0	0.0	8:42	5.0	4.1	8:42	73.5	67.7	-
8:43	0.0	0.0	8:43	5.0	4.2	8:43	94.5	69.5	-
8:44	0.0	0.0	8:44	5.0	4.3	8:44	106.3	72.1	-
8:45	0.0	0.0	8:45	5.0	4.5	8:45	81.5	73.1	-
8:46	0.0	0.0	8:46	5.0	4.5	8:46	77.0	73.9	-
8:47	0.0	0.0	8:47	5.0	4.6	8:47	76.0	74.5	-
8:48	0.0	0.0	8:48	5.0	4.7	8:48	78.3	75.3	-
8:49	0.0	0.0	8:49	5.0	4.7	8:49	77.5	76.0	-
8:50	0.0	0.0	8:50	5.0	4.8	8:50	77.0	76.7	-
8:51	0.0	0.0	8:51	5.0	4.9	8:51	80.5	77.7	-
8:52	0.0	0.0	8:52	5.0	4.9	8:52	83.0	78.7	-
8:53	0.0	0.0	8:53	5.0	5.0	8:53	85.5	79.9	-
8:54	0.0	0.0	8:54	5.0	5.0	8:54	91.3	81.5	-
8:55	0.0	0.0	8:55	5.0	5.0	8:55	92.8	83.1	-
8:56	0.0	0.0	8:56	5.0	5.0	8:56	92.0	84.4	-
8:57	0.0	0.0	8:57	5.0	5.0	8:57	91.3	85.6	-
8:58	0.0	0.0	8:58	5.0	5.0	8:58	92.5	85.5	-
8:59	0.0	0.0	8:59	5.0	5.0	8:59	92.5	84.6	-
9:00	0.0	0.0	9:00	5.0	5.0	9:00	92.0	85.3	-
9:01	0.0	0.0	9:01	5.0	5.0	9:01	91.5	86.2	-
9:02	0.0	0.0	9:02	5.0	5.0	9:02	92.8	87.4	-
9:03	0.0	0.0	9:03	6.0	5.1	9:03	94.0	88.4	-
9:04	0.0	0.0	9:04	6.0	5.1	9:04	98.8	89.8	-
9:05	0.0	0.0	9:05	6.0	5.2	9:05	100.5	91.4	-
9:06	0.0	0.0	9:06	6.0	5.3	9:06	100.8	92.7	-
9:07	0.0	0.0	9:07	6.0	5.3	9:07	96.0	93.6	-
9:08	0.0	0.0	9:08	6.0	5.4	9:08	94.3	94.2	-
9:09	0.0	0.0	9:09	6.0	5.5	9:09	90.0	94.1	-
9:10	0.0	0.0	9:10	6.0	5.5	9:10	89.5	93.9	-
9:11	92.3	6.2	9:11	0.0	5.2	9:11	6.0	88.2	-
9:12	93.3	12.4	9:12	0.0	4.9	9:12	6.0	82.5	-
9:13	97.3	18.9	9:13	0.0	4.5	9:13	6.0	76.7	-
9:14	97.3	25.3	9:14	0.0	4.2	9:14	6.0	70.9	-
9:15	-	-	9:15	0.0	3.9	9:15	6.0	65.2	-
9:16	-	-	9:16	0.0	3.5	9:16	6.0	59.5	-
9:17	-	-	9:17	0.0	3.2	9:17	6.0	53.7	-
9:18	-	-	9:18	0.0	2.8	9:18	6.0	47.9	-
9:19	-	-	9:19	0.0	2.4	9:19	6.0	41.7	-
9:20	-	-	9:20	0.0	2.0	9:20	6.0	35.4	-
9:21	6.3	-	9:21	-	-	9:21	0.0	28.7	-
9:22	6.8	-	9:22	-	-	9:22	0.0	22.3	-
9:23	6.5	-	9:23	-	-	9:23	0.0	16.0	-
9:24	7.0	-	9:24	-	-	9:24	0.0	10.0	-
9:25	7.0	-	9:25	-	-	9:25	0.0	4.0	-
9:26	7.0	-	9:26	-	-	9:26	0.0	3.6	-
9:27	6.8	-	9:27	-	-	9:27	0.0	3.2	-
9:28	6.0	-	9:28	-	-	9:28	0.0	2.8	-
9:29	6.0	-	9:29	-	-	9:29	0.0	2.4	-
9:30	6.3	-	9:30	-	-	9:30	0.0	2.0	-
9:31	7.0	-	9:31	-	-	9:31	0.0	1.6	-
9:32	7.0	-	9:32	-	-	9:32	0.0	1.2	-
9:33	7.0	-	9:33	-	-	9:33	0.0	0.8	-

PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	
9:34	7.0	-	9:34	-	-	9:34	0.0	0.4	-
9:35	7.0	-	9:35	-	-	9:35	0.0	0.0	-
9:36	7.0	6.8	9:36	-	-	9:36	0.0	0.0	-
9:37	7.0	6.8	9:37	-	-	9:37	0.0	0.0	-
9:38	7.0	6.8	9:38	-	-	9:38	0.0	0.0	-
9:39	7.0	6.8	9:39	-	-	9:39	0.0	0.0	-
9:40	7.0	6.8	9:40	-	-	9:40	0.0	0.0	-
9:41	90.3	12.4	9:41	0.0	-	9:41	7.0	0.5	-
9:42	90.5	17.9	9:42	0.0	-	9:42	7.0	0.9	-
9:43	89.0	23.5	9:43	0.0	-	9:43	7.0	1.4	-
9:44	85.8	28.8	9:44	0.0	-	9:44	7.0	1.9	-
9:45	83.0	33.9	9:45	0.0	-	9:45	7.0	2.3	-
9:46	83.0	39.0	9:46	0.0	-	9:46	7.0	2.8	-
9:47	84.3	44.1	9:47	0.0	-	9:47	7.0	3.3	-
9:48	85.5	49.4	9:48	0.0	-	9:48	7.5	3.8	-
9:49	85.3	54.6	9:49	0.0	-	9:49	8.0	4.3	-
9:50	84.8	59.8	9:50	0.0	-	9:50	8.0	4.8	-
9:51	84.5	64.9	9:51	0.0	-	9:51	8.0	5.4	-
9:52	84.0	70.1	9:52	0.0	-	9:52	8.0	5.9	-
9:53	83.8	75.2	9:53	0.0	-	9:53	8.0	6.4	-
9:54	81.5	80.1	9:54	0.0	-	9:54	8.0	7.0	-
9:55	80.0	85.0	9:55	0.0	-	9:55	8.0	7.5	-
9:56	82.5	84.5	9:56	0.0	0.0	9:56	8.0	7.6	-
9:57	83.3	84.0	9:57	0.0	0.0	9:57	8.0	7.6	-
9:58	83.0	83.6	9:58	0.0	0.0	9:58	8.0	7.7	-
9:59	84.3	83.5	9:59	0.0	0.0	9:59	8.0	7.8	-
10:00	83.8	83.6	10:00	0.0	0.0	10:00	8.0	7.8	-
10:01	83.0	83.6	10:01	0.0	0.0	10:01	8.0	7.9	-
10:02	83.3	83.5	10:02	0.0	0.0	10:02	8.0	8.0	-
10:03	84.0	83.4	10:03	0.0	0.0	10:03	8.0	8.0	-
10:04	87.3	83.5	10:04	0.0	0.0	10:04	8.0	8.0	-
10:05	87.8	83.7	10:05	0.0	0.0	10:05	8.0	8.0	-
10:06	84.0	83.7	10:06	0.0	0.0	10:06	8.0	8.0	-
10:07	84.3	83.7	10:07	0.0	0.0	10:07	8.0	8.0	-
10:08	85.8	83.8	10:08	0.0	0.0	10:08	8.0	8.0	-
10:09	86.0	84.1	10:09	0.0	0.0	10:09	8.0	8.0	-
10:10	84.5	84.4	10:10	0.0	0.0	10:10	8.0	8.0	-
10:11	84.8	84.6	10:11	0.0	0.0	10:11	8.0	8.0	-
10:12	89.8	85.0	10:12	0.0	0.0	10:12	8.0	8.0	-
10:13	90.3	85.5	10:13	0.0	0.0	10:13	8.0	8.0	-
10:14	94.0	86.2	10:14	0.0	0.0	10:14	8.0	8.0	-
10:15	101.0	87.3	10:15	0.0	0.0	10:15	8.0	8.0	-
10:16	95.5	88.1	10:16	0.0	0.0	10:16	8.0	8.0	-
10:17	89.8	88.6	10:17	0.0	0.0	10:17	8.0	8.0	-
10:18	94.8	89.3	10:18	0.0	0.0	10:18	8.0	8.0	-
10:19	99.8	90.1	10:19	0.0	0.0	10:19	7.3	8.0	-
10:20	94.3	90.6	10:20	0.0	0.0	10:20	7.0	7.9	-
10:21	88.8	90.9	10:21	0.0	0.0	10:21	7.0	7.8	-
10:22	95.0	91.6	10:22	0.0	0.0	10:22	7.0	7.8	-
10:23	97.5	92.4	10:23	0.0	0.0	10:23	7.0	7.7	-
10:24	88.5	92.5	10:24	0.0	0.0	10:24	7.0	7.6	-
10:25	86.0	92.6	10:25	0.0	0.0	10:25	7.0	7.6	-
10:26	87.3	92.8	10:26	0.0	0.0	10:26	7.0	7.5	-
10:27	87.5	92.7	10:27	0.0	0.0	10:27	7.0	7.4	-
10:28	90.5	92.7	10:28	0.0	0.0	10:28	7.0	7.4	-
10:29	99.5	93.0	10:29	0.0	0.0	10:29	7.0	7.3	-
10:30	88.3	92.2	10:30	0.0	0.0	10:30	7.0	7.2	-
10:31	87.0	91.6	10:31	0.0	0.0	10:31	7.0	7.2	-
10:32	88.5	91.5	10:32	0.0	0.0	10:32	7.0	7.1	-
10:33	100.0	91.9	10:33	0.0	0.0	10:33	7.0	7.0	-
10:34	106.5	92.3	10:34	0.0	0.0	10:34	7.0	7.0	-
10:35	92.0	92.2	10:35	0.0	0.0	10:35	7.0	7.0	-
10:36	96.5	92.7	10:36	0.0	0.0	10:36	8.0	7.1	-
10:37	91.3	92.5	10:37	0.0	0.0	10:37	8.0	7.1	-
10:38	85.0	91.6	10:38	0.0	0.0	10:38	8.0	7.2	-
10:39	100.0	92.4	10:39	0.0	0.0	10:39	8.0	7.3	-
10:40	96.0	93.1	10:40	0.0	0.0	10:40	8.0	7.3	-
10:41	85.0	92.9	10:41	0.0	0.0	10:41	8.0	7.4	-
10:42	80.8	92.5	10:42	0.0	0.0	10:42	8.0	7.5	-
10:43	80.3	91.8	10:43	0.0	0.0	10:43	8.0	7.5	-
10:44	82.8	90.7	10:44	0.0	0.0	10:44	8.0	7.6	-
10:45	85.3	90.5	10:45	0.0	0.0	10:45	8.0	7.7	-
10:46	8.0	85.2	10:46	90.5	6.0	10:46	0.0	7.2	-
10:47	8.0	79.8	10:47	78.5	11.3	10:47	0.0	6.7	-
10:48	8.0	73.7	10:48	80.3	16.6	10:48	0.0	6.3	-
10:49	8.0	67.1	10:49	83.0	22.2	10:49	0.0	5.8	-

PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	
10:50	8.0	61.5	10:50	81.8	27.6	10:50	0.0	5.3	-
10:51	8.0	55.6	10:51	75.3	32.6	10:51	0.0	4.8	-
10:52	8.0	50.1	10:52	70.0	37.3	10:52	0.0	4.3	-
10:53	8.0	44.9	10:53	69.3	41.9	10:53	0.0	3.7	-
10:54	8.0	38.8	10:54	67.3	46.4	10:54	0.0	3.2	-
10:55	8.0	32.9	10:55	67.5	50.9	10:55	0.0	2.7	-
10:56	7.5	27.8	10:56	75.3	55.9	10:56	0.0	2.1	-
10:57	7.0	22.9	10:57	72.3	60.7	10:57	0.0	1.6	-
10:58	7.0	18.0	10:58	70.3	65.4	10:58	0.0	1.1	-
10:59	7.0	12.9	10:59	61.8	69.5	10:59	0.0	0.5	-
11:00	7.0	7.7	11:00	60.5	73.6	11:00	0.0	0.0	-
11:01	7.0	7.6	11:01	66.3	71.9	11:01	0.0	0.0	-
11:02	7.0	7.6	11:02	81.0	72.1	11:02	0.0	0.0	-
11:03	7.0	7.5	11:03	78.3	72.0	11:03	0.0	0.0	-
11:04	7.0	7.4	11:04	75.0	71.4	11:04	0.0	0.0	-
11:05	7.0	7.4	11:05	75.3	71.0	11:05	0.0	0.0	-
11:06	7.0	7.3	11:06	80.5	71.4	11:06	0.0	0.0	-
11:07	7.0	7.2	11:07	87.0	72.5	11:07	0.0	0.0	-
11:08	7.0	7.2	11:08	80.0	73.2	11:08	0.0	0.0	-
11:09	7.0	7.1	11:09	92.5	74.9	11:09	0.0	0.0	-
11:10	8.0	7.1	11:10	121.0	78.5	11:10	0.0	0.0	-
11:11	7.3	7.1	11:11	120.8	81.5	11:11	0.0	0.0	-
11:12	8.0	7.2	11:12	126.8	85.1	11:12	0.0	0.0	-
11:13	8.0	7.2	11:13	76.0	85.5	11:13	0.0	0.0	-
11:14	8.0	7.3	11:14	71.5	86.2	11:14	0.0	0.0	-
11:15	8.0	7.4	11:15	80.8	87.5	11:15	0.0	0.0	-
11:16	8.0	7.4	11:16	86.8	88.9	11:16	0.0	0.0	-
11:17	8.0	7.5	11:17	77.0	88.6	11:17	0.0	0.0	-
11:18	8.0	7.6	11:18	81.0	88.8	11:18	0.0	0.0	-
11:19	8.0	7.6	11:19	82.3	89.3	11:19	0.0	0.0	-
11:20	8.0	7.7	11:20	95.0	90.6	11:20	0.0	0.0	-
11:21	8.0	7.8	11:21	124.0	93.5	11:21	0.0	0.0	-
11:22	8.0	7.8	11:22	81.0	93.1	11:22	0.0	0.0	-
11:23	8.0	7.9	11:23	73.8	92.7	11:23	0.0	0.0	-
11:24	8.0	8.0	11:24	72.8	91.4	11:24	0.0	0.0	-
11:25	8.0	8.0	11:25	75.0	88.3	11:25	0.0	0.0	-
11:26	8.0	8.0	11:26	69.8	84.9	11:26	0.0	0.0	-
11:27	8.0	8.0	11:27	67.8	81.0	11:27	0.0	0.0	-
11:28	8.0	8.0	11:28	71.5	80.7	11:28	0.0	0.0	-
11:29	8.0	8.0	11:29	76.0	81.0	11:29	0.0	0.0	-
11:30	8.0	8.0	11:30	70.3	80.3	11:30	0.0	0.0	-
11:31	8.0	8.0	11:31	73.8	79.4	11:31	0.0	0.0	-
11:32	8.0	8.0	11:32	80.8	79.6	11:32	0.0	0.0	-
11:33	8.0	8.0	11:33	73.0	79.1	11:33	0.0	0.0	-
11:34	8.0	8.0	11:34	70.8	78.3	11:34	0.0	0.0	-
11:35	8.0	8.0	11:35	71.3	76.8	11:35	0.0	0.0	-
11:36	8.0	8.0	11:36	72.8	73.3	11:36	0.0	0.0	-
11:37	8.0	8.0	11:37	70.0	72.6	11:37	0.0	0.0	-
11:38	8.0	8.0	11:38	72.3	72.5	11:38	0.0	0.0	-
11:39	8.0	8.0	11:39	67.8	72.2	11:39	0.0	0.0	-
11:40	8.0	8.0	11:40	68.5	71.7	11:40	0.0	0.0	-
11:41	8.0	8.0	11:41	67.5	71.6	11:41	0.0	0.0	-
11:42	8.0	8.0	11:42	67.3	71.6	11:42	0.0	0.0	-
11:43	7.3	8.0	11:43	67.5	71.3	11:43	0.0	0.0	-
11:44	7.3	7.9	11:44	66.5	70.7	11:44	0.0	0.0	-
11:45	7.0	7.8	11:45	66.3	70.4	11:45	0.0	0.0	-
11:46	7.0	7.8	11:46	64.0	69.7	11:46	0.0	0.0	-
11:47	7.0	7.7	11:47	67.3	68.8	11:47	0.0	0.0	-
11:48	7.3	7.7	11:48	65.5	68.3	11:48	0.0	0.0	-
11:49	7.8	7.6	11:49	71.8	68.4	11:49	0.0	0.0	-
11:50	7.3	7.6	11:50	82.5	69.2	11:50	0.0	0.0	-
11:51	8.0	7.6	11:51	72.8	69.2	11:51	0.0	0.0	-
11:52	7.3	7.5	11:52	68.8	69.1	11:52	0.0	0.0	-
11:53	8.0	7.5	11:53	77.3	69.4	11:53	0.0	0.0	-
11:54	8.0	7.5	11:54	69.3	69.5	11:54	0.0	0.0	-
11:55	8.0	7.5	11:55	70.0	69.6	11:55	0.0	0.0	-
11:56	8.0	7.5	11:56	68.5	69.7	11:56	0.0	0.0	-
11:57	8.0	7.5	11:57	72.3	70.0	11:57	0.0	0.0	-
11:58	8.0	7.6	11:58	72.8	70.4	11:58	0.0	0.0	-
11:59	8.0	7.6	11:59	66.8	70.4	11:59	0.0	0.0	-
12:00	8.0	7.7	12:00	65.5	70.3	12:00	0.0	0.0	-
12:01	8.0	7.8	12:01	66.5	70.5	12:01	0.0	0.0	-
12:02	8.0	7.8	12:02	67.5	70.5	12:02	0.0	0.0	-
12:03	8.0	7.9	12:03	72.5	71.0	12:03	0.0	0.0	-
12:04	8.0	7.9	12:04	64.5	70.5	12:04	0.0	0.0	-
12:05	8.0	8.0	12:05	64.5	69.3	12:05	0.0	0.0	-

PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	
12:06	8.0	8.0	12:06	68.3	69.0	12:06	0.0	0.0	-
12:07	8.0	8.0	12:07	72.8	69.3	12:07	0.0	0.0	-
12:08	8.0	8.0	12:08	62.5	68.3	12:08	0.0	0.0	-
12:09	8.0	8.0	12:09	62.3	67.8	12:09	0.0	0.0	-
12:10	8.0	8.0	12:10	62.8	67.3	12:10	0.0	0.0	-
12:11	8.0	8.0	12:11	62.0	66.9	12:11	0.0	0.0	-
12:12	8.0	8.0	12:12	55.8	65.8	12:12	0.0	0.0	-
12:13	8.0	8.0	12:13	58.3	64.8	12:13	0.0	0.0	-
12:14	8.0	8.0	12:14	58.5	64.3	12:14	0.0	0.0	-
12:15	8.0	8.0	12:15	54.8	63.6	12:15	0.0	0.0	-
12:16	8.0	8.0	12:16	58.0	63.0	12:16	0.0	0.0	-
12:17	8.0	8.0	12:17	53.0	62.0	12:17	0.0	0.0	-
12:18	8.0	8.0	12:18	61.8	61.3	12:18	0.0	0.0	-
12:19	8.0	8.0	12:19	71.3	61.8	12:19	0.0	0.0	-
12:20	8.0	8.0	12:20	71.3	62.2	12:20	0.0	0.0	-
12:21	8.0	8.0	12:21	74.8	62.6	12:21	0.0	0.0	-
12:22	8.0	8.0	12:22	58.8	61.7	12:22	0.0	0.0	-
12:23	8.0	8.0	12:23	60.8	61.6	12:23	0.0	0.0	-
12:24	8.0	8.0	12:24	69.0	62.0	12:24	0.0	0.0	-
12:25	8.0	8.0	12:25	60.0	61.9	12:25	0.0	0.0	-
12:26	8.0	8.0	12:26	53.3	61.3	12:26	0.0	0.0	-
12:27	8.0	8.0	12:27	53.3	61.1	12:27	0.0	0.0	-
12:28	8.0	8.0	12:28	52.8	60.7	12:28	0.0	0.0	-
12:29	8.0	8.0	12:29	54.5	60.5	12:29	0.0	0.0	-
12:30	8.0	8.0	12:30	57.5	60.7	12:30	0.0	0.0	-
12:31	8.0	8.0	12:31	49.5	60.1	12:31	0.0	0.0	-
12:32	8.0	8.0	12:32	46.5	59.7	12:32	0.0	0.0	-
12:33	8.0	8.0	12:33	51.3	59.0	12:33	0.0	0.0	-
12:34	8.0	8.0	12:34	47.3	57.4	12:34	0.0	0.0	-
12:35	8.0	8.0	12:35	43.5	55.5	12:35	0.0	0.0	-
12:36	0.0	7.5	12:36	8.0	51.1	12:36	43.0	2.9	-
12:37	0.0	6.9	12:37	8.0	47.7	12:37	44.3	5.8	-
12:38	0.0	6.4	12:38	8.0	44.2	12:38	48.0	9.0	-
12:39	0.0	5.9	12:39	8.0	40.1	12:39	57.8	12.9	-
12:40	0.0	5.3	12:40	8.0	36.6	12:40	50.5	16.2	-
12:41	0.0	4.8	12:41	8.0	33.6	12:41	53.3	19.8	-
12:42	0.0	4.3	12:42	8.0	30.6	12:42	61.8	23.9	-
12:43	0.0	3.7	12:43	8.0	27.6	12:43	65.5	28.3	-
12:44	0.0	3.2	12:44	8.0	24.5	12:44	68.0	32.8	-
12:45	0.0	2.7	12:45	8.0	21.2	12:45	72.0	37.6	-
12:46	0.0	2.1	12:46	8.0	18.4	12:46	68.8	42.2	-
12:47	0.0	1.6	12:47	8.0	15.9	12:47	68.3	46.7	-
12:48	0.0	1.1	12:48	8.0	13.0	12:48	75.0	51.7	-
12:49	0.0	0.5	12:49	8.0	10.4	12:49	79.8	57.1	-
12:50	0.0	0.0	12:50	8.0	8.0	12:50	80.8	62.4	-
12:51	0.0	0.0	12:51	8.0	8.0	12:51	76.3	64.7	-
12:52	0.0	0.0	12:52	8.0	8.0	12:52	72.3	66.5	-
12:53	0.0	0.0	12:53	8.0	8.0	12:53	70.3	68.0	-
12:54	0.0	0.0	12:54	8.0	8.0	12:54	69.8	68.8	-
12:55	0.0	0.0	12:55	8.0	8.0	12:55	68.5	70.0	-
12:56	0.0	0.0	12:56	8.0	8.0	12:56	70.5	71.2	-
12:57	0.0	0.0	12:57	8.0	8.0	12:57	134.0	76.0	-
12:58	0.0	0.0	12:58	8.0	8.0	12:58	106.8	78.7	-
12:59	0.3	0.0	12:59	8.0	8.0	12:59	77.0	79.3	-
13:00	49.5	3.3	13:00	8.0	8.0	13:00	79.3	79.8	-
13:01	47.0	6.5	13:01	8.0	8.0	13:01	74.5	80.2	-
13:02	47.0	9.6	13:02	8.0	8.0	13:02	69.0	80.2	-
13:03	47.0	12.7	13:03	8.0	8.0	13:03	67.0	79.7	-
13:04	46.8	15.8	13:04	8.0	8.0	13:04	66.8	78.8	-
13:05	46.5	18.9	13:05	8.0	8.0	13:05	69.3	78.1	-
13:06	47.0	22.1	13:06	8.0	8.0	13:06	71.8	77.8	-
13:07	49.5	25.4	13:07	8.0	8.0	13:07	67.8	77.5	-
13:08	49.3	28.7	13:08	8.0	8.0	13:08	67.3	77.3	-
13:09	49.8	32.0	13:09	8.0	8.0	13:09	70.8	77.3	-
13:10	49.0	35.2	13:10	8.0	8.0	13:10	73.3	77.7	-
13:11	49.0	38.5	13:11	8.0	8.0	13:11	65.3	77.3	-
13:12	48.3	41.7	13:12	8.0	8.0	13:12	71.3	73.1	-
13:13	45.0	44.7	13:13	8.0	8.0	13:13	66.8	70.5	-
13:14	44.0	47.6	13:14	8.0	8.0	13:14	79.3	70.6	-
13:15	43.8	47.3	13:15	8.0	8.0	13:15	99.8	72.0	-
13:16	42.5	47.0	13:16	8.0	8.0	13:16	85.3	72.7	-
13:17	43.5	46.7	13:17	8.0	8.0	13:17	67.5	72.6	-
13:18	42.8	46.4	13:18	8.0	8.0	13:18	58.0	72.0	-
13:19	41.0	46.1	13:19	8.0	8.0	13:19	62.8	71.7	-
13:20	41.0	45.7	13:20	8.0	8.0	13:20	67.8	71.6	-
13:21	38.8	45.1	13:21	8.0	8.0	13:21	56.5	70.6	-

PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	
13:22	34.8	44.2	13:22	60.0	11.5	13:22	56.0	69.8	-
13:23	32.8	43.1	13:23	65.8	15.3	13:23	63.5	69.6	-
13:24	33.0	41.9	13:24	62.8	19.0	13:24	53.8	68.4	-
13:25	30.3	40.7	13:25	61.0	22.5	13:25	51.0	67.0	-
13:26	30.5	39.5	13:26	61.0	26.0	13:26	51.5	66.0	-
13:27	31.8	38.4	13:27	53.0	29.0	13:27	54.5	64.9	-
13:28	30.5	37.4	13:28	52.8	32.0	13:28	49.5	63.8	-
13:29	28.8	36.4	13:29	54.5	35.1	13:29	47.8	61.7	-
13:30	28.0	35.3	13:30	67.3	39.1	13:30	46.8	58.1	-
13:31	26.3	34.2	13:31	86.5	44.3	13:31	46.0	55.5	-
13:32	23.5	32.9	13:32	61.3	47.9	13:32	45.5	54.1	-
13:33	22.0	31.5	13:33	64.8	51.6	13:33	45.0	53.2	-
13:34	22.0	30.3	13:34	61.0	55.2	13:34	43.8	51.9	-
13:35	25.3	29.2	13:35	55.8	58.4	13:35	45.3	50.4	-
13:36	27.8	28.5	13:36	61.5	61.9	13:36	50.0	50.0	-
13:37	33.8	28.4	13:37	67.8	62.4	13:37	55.8	50.0	-
13:38	35.8	28.6	13:38	69.3	62.7	13:38	51.3	49.2	-
13:39	28.3	28.3	13:39	55.5	62.2	13:39	65.3	49.9	-
13:40	27.0	28.1	13:40	56.0	61.9	13:40	79.8	51.8	-
13:41	23.8	27.6	13:41	47.5	61.0	13:41	49.8	51.7	-
13:42	23.5	27.1	13:42	47.5	60.6	13:42	45.3	51.1	-
13:43	23.8	26.6	13:43	55.5	60.8	13:43	53.0	51.3	-
13:44	23.8	26.3	13:44	69.0	61.7	13:44	53.0	51.7	-
13:45	24.0	26.0	13:45	57.3	61.1	13:45	49.3	51.9	-
13:46	23.0	25.8	13:46	60.8	59.4	13:46	46.3	51.9	-
13:47	23.8	25.8	13:47	52.3	58.8	13:47	46.3	51.9	-
13:48	24.8	26.0	13:48	44.5	57.4	13:48	72.3	53.7	-
13:49	24.8	26.2	13:49	48.8	56.6	13:49	52.3	54.3	-
13:50	23.3	26.1	13:50	50.8	56.3	13:50	51.0	54.7	-
13:51	23.3	25.8	13:51	50.3	55.5	13:51	52.5	54.9	-
13:52	22.3	25.0	13:52	45.5	54.0	13:52	72.8	56.0	-
13:53	22.5	24.1	13:53	46.3	52.5	13:53	76.0	57.6	-
13:54	22.0	23.7	13:54	41.5	51.6	13:54	99.5	59.9	-
13:55	19.3	23.2	13:55	39.8	50.5	13:55	42.3	57.4	-
13:56	20.0	22.9	13:56	40.3	50.0	13:56	41.3	56.9	-
13:57	21.0	22.8	13:57	43.5	49.7	13:57	51.8	57.3	-
13:58	21.0	22.6	13:58	44.8	49.0	13:58	54.3	57.4	-
13:59	18.8	22.2	13:59	37.8	46.9	13:59	85.5	59.5	-
14:00	13.5	21.5	14:00	36.3	45.5	14:00	61.5	60.4	-
14:01	13.8	20.9	14:01	35.8	43.9	14:01	62.0	61.4	-
14:02	14.0	20.3	14:02	36.8	42.8	14:02	77.8	63.5	-
14:03	15.5	19.7	14:03	38.3	42.4	14:03	64.3	63.0	-
14:04	17.5	19.2	14:04	37.0	41.6	14:04	53.0	63.0	-
14:05	16.8	18.7	14:05	34.0	40.5	14:05	54.3	63.2	-
14:06	17.3	18.3	14:06	36.8	39.6	14:06	43.0	62.6	-
14:07	15.0	17.9	14:07	38.3	39.1	14:07	40.0	60.4	-
14:08	14.8	17.3	14:08	39.3	38.7	14:08	41.0	58.1	-
14:09	13.3	16.8	14:09	39.5	38.5	14:09	38.0	54.0	-
14:10	13.8	16.4	14:10	46.8	39.0	14:10	37.0	53.6	-
14:11	14.5	16.0	14:11	46.0	39.4	14:11	37.5	53.4	-
14:12	15.0	15.6	14:12	37.3	39.0	14:12	37.0	52.4	-
14:13	14.3	15.2	14:13	45.0	39.0	14:13	38.3	51.3	-
14:14	15.5	15.0	14:14	44.5	39.4	14:14	42.8	48.5	-
14:15	14.8	15.0	14:15	67.5	41.5	14:15	37.3	46.9	-
14:16	14.8	15.1	14:16	60.8	43.2	14:16	50.3	46.1	-
14:17	15.0	15.2	14:17	45.0	43.7	14:17	43.8	43.8	-
14:18	13.8	15.1	14:18	37.5	43.7	14:18	46.3	42.6	-
14:19	13.3	14.8	14:19	42.8	44.1	14:19	47.5	42.3	-
14:20	13.8	14.6	14:20	46.0	44.9	14:20	45.8	41.7	-
14:21	12.8	14.3	14:21	49.5	45.7	14:21	41.5	41.6	-
14:22	11.5	14.0	14:22	47.3	46.3	14:22	40.0	41.6	-
14:23	11.0	13.8	14:23	50.8	47.1	14:23	40.5	41.6	-
14:24	10.3	13.6	14:24	54.0	48.0	14:24	38.8	41.6	-
14:25	10.0	13.3	14:25	36.8	47.4	14:25	35.0	41.5	-
14:26	9.3	13.0	14:26	39.3	46.9	14:26	33.8	41.2	-
14:27	8.5	12.6	14:27	47.8	47.6	14:27	32.3	40.9	-
14:28	7.0	12.1	14:28	42.8	47.5	14:28	33.8	40.6	-
14:29	8.0	11.6	14:29	41.8	47.3	14:29	30.8	39.8	-
14:30	8.0	11.1	14:30	46.5	45.9	14:30	33.0	39.5	-
14:31	8.8	10.7	14:31	44.0	44.8	14:31	35.0	38.5	-
14:32	12.5	10.6	14:32	52.5	45.3	14:32	39.5	38.2	-
14:33	9.8	10.3	14:33	60.8	46.8	14:33	58.8	39.1	-
14:34	6.3	9.8	14:34	59.0	47.9	14:34	53.3	39.4	-
14:35	5.0	9.2	14:35	53.3	48.4	14:35	41.0	39.1	-
14:36	5.3	8.7	14:36	63.5	49.3	14:36	33.0	38.6	-
14:37	5.3	8.3	14:37	55.3	49.9	14:37	41.8	38.7	-

PARTICULATE DATA										
Upwind			Downwind						Exceeds Particulate Alarm Limit	
Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )		
14:38	5.8	8.0	14:38	41.5	49.2	14:38	42.3	38.8	-	
14:39	5.3	7.6	14:39	27.5	47.5	14:39	45.0	39.2	-	
14:40	5.0	7.3	14:40	41.3	47.8	14:40	34.5	39.2	-	
14:41	5.5	7.1	14:41	47.5	48.3	14:41	46.0	40.0	-	
14:42	4.3	6.8	14:42	50.3	48.5	14:42	65.0	42.2	-	
14:43	4.0	6.6	14:43	42.8	48.5	14:43	83.5	45.5	-	
14:44	4.3	6.3	14:44	43.5	48.6	14:44	36.5	45.9	-	
14:45	5.0	6.1	14:45	34.3	47.8	14:45	43.0	46.5	-	
14:46	7.3	6.0	14:46	35.5	47.2	14:46	53.5	47.8	-	
14:47	6.0	5.6	14:47	30.3	45.7	14:47	45.0	48.1	-	
14:48	4.0	5.2	14:48	30.5	43.7	14:48	36.3	46.6	-	
14:49	4.8	5.1	14:49	31.8	41.9	14:49	41.8	45.9	-	
14:50	4.3	5.1	14:50	68.0	42.9	14:50	34.5	45.4	-	
14:51	4.3	5.0	14:51	49.8	42.0	14:51	40.5	45.9	-	
14:52	5.5	5.0	14:52	49.8	41.6	14:52	41.8	45.9	-	
14:53	9.5	5.3	14:53	50.0	42.2	14:53	37.0	45.6	-	
14:54	7.3	5.4	14:54	42.5	43.2	14:54	48.8	45.8	-	
14:55	6.3	5.5	14:55	41.5	43.2	14:55	41.0	46.3	-	
14:56	5.3	5.5	14:56	45.3	43.0	14:56	38.0	45.7	-	
14:57	5.0	5.5	14:57	76.3	44.8	14:57	47.3	44.6	-	
14:58	5.5	5.6	14:58	78.8	47.2	14:58	37.8	41.5	-	
14:59	6.3	5.7	14:59	46.8	47.4	14:59	37.0	41.5	-	
15:00	7.3	5.9	15:00	32.5	47.3	15:00	32.5	40.8	-	
15:01	5.0	5.7	15:01	29.3	46.9	15:01	30.0	39.3	-	
15:02	5.8	5.7	15:02	41.3	47.6	15:02	32.5	38.4	-	
15:03	9.0	6.1	15:03	40.0	48.2	15:03	37.5	38.5	-	
15:04	6.0	6.1	15:04	36.3	48.5	15:04	33.3	38.0	-	
15:05	6.0	6.3	15:05	34.8	46.3	15:05	29.5	37.6	-	
15:06	5.5	6.3	15:06	31.5	45.1	15:06	29.0	36.9	-	
15:07	6.0	6.4	15:07	32.5	43.9	15:07	32.0	36.2	-	
15:08	6.0	6.1	15:08	29.0	42.5	15:08	32.8	35.9	-	
15:09	6.0	6.1	15:09	34.3	42.0	15:09	32.5	34.8	-	
15:10	6.0	6.0	15:10	29.0	41.2	15:10	33.3	34.3	-	
15:11	6.3	6.1	15:11	27.8	40.0	15:11	37.8	34.3	-	
15:12	8.3	6.3	15:12	26.5	36.7	15:12	33.0	33.4	-	
15:13	8.3	6.5	15:13	25.0	33.1	15:13	42.0	33.6	-	
15:14	10.5	6.8	15:14	30.5	32.0	15:14	38.5	33.7	-	
15:15	8.8	6.9	15:15	36.8	32.3	15:15	36.0	34.0	-	
15:16	6.0	7.0	15:16	32.5	32.5	15:16	34.0	34.2	-	
15:17	7.0	7.0	15:17	35.0	32.1	15:17	30.8	34.1	-	
15:18	9.5	7.1	15:18	26.0	31.2	15:18	31.8	33.7	-	
15:19	7.0	7.1	15:19	48.3	32.0	15:19	37.5	34.0	-	
15:20	7.0	7.2	15:20	41.8	32.4	15:20	31.0	34.1	-	
15:21	7.8	7.4	15:21	30.8	32.4	15:21	41.5	35.0	-	
15:22	18.5	8.2	15:22	36.0	32.6	15:22	39.5	35.5	-	
15:23	26.0	9.5	15:23	34.3	33.0	15:23	36.0	35.7	-	
15:24	37.0	11.6	15:24	38.8	33.3	15:24	37.3	36.0	-	
15:25	31.0	13.3	15:25	40.8	34.0	15:25	34.5	36.1	-	
15:26	54.3	16.5	15:26	47.5	35.4	15:26	40.0	36.2	-	
15:27	44.0	18.8	15:27	48.0	36.8	15:27	42.8	36.9	-	
15:28	49.3	21.6	15:28	43.0	38.0	15:28	38.5	36.6	-	
15:29	31.8	23.0	15:29	36.0	38.4	15:29	35.8	36.5	-	
15:30	15.5	23.4	15:30	39.3	38.5	15:30	36.8	36.5	-	
15:31	10.0	23.7	15:31	38.8	38.9	15:31	35.0	36.6	-	
15:32	8.0	23.8	15:32	96.3	43.0	15:32	32.5	36.7	-	
15:33	9.8	23.8	15:33	177.0	53.1	15:33	33.5	36.8	-	
15:34	14.5	24.3	15:34	122.3	58.0	15:34	36.3	36.7	-	
15:35	10.5	24.5	15:35	44.0	58.2	15:35	37.0	37.1	-	
15:36	8.8	24.6	15:36	45.8	59.2	15:36	33.3	36.6	-	
15:37	9.5	24.0	15:37	34.8	59.1	15:37	53.8	37.5	-	
15:38	8.8	22.8	15:38	30.8	58.9	15:38	73.3	40.0	-	
15:39	8.0	20.9	15:39	26.8	58.1	15:39	60.0	41.5	-	
15:40	8.8	19.4	15:40	36.3	57.8	15:40	107.8	46.4	-	
15:41	8.5	16.4	15:41	47.8	57.8	15:41	133.0	52.6	-	
15:42	8.3	14.0	15:42	47.0	57.7	15:42	107.3	56.9	-	
15:43	9.3	11.3	15:43	36.5	57.3	15:43	67.0	58.8	-	
15:44	12.0	10.0	15:44	69.8	59.5	15:44	85.3	62.1	-	
15:45	10.0	9.6	15:45	66.5	61.3	15:45	69.8	64.3	-	
15:46	13.8	9.9	15:46	41.5	61.5	15:46	48.5	65.2	-	
15:47	15.0	10.4	15:47	36.5	57.5	15:47	36.5	65.5	-	
15:48	10.0	10.4	15:48	35.0	48.1	15:48	37.5	65.7	-	
15:49	9.0	10.0	15:49	32.8	42.1	15:49	35.0	65.7	-	
15:50	9.0	9.9	15:50	31.3	41.3	15:50	83.3	68.7	-	
15:51	8.0	9.9	15:51	31.8	40.3	15:51	85.5	72.2	-	
15:52	8.0	9.8	15:52	44.5	41.0	15:52	61.3	72.7	-	
15:53	9.0	9.8	15:53	54.8	42.6	15:53	88.0	73.7	-	



PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	Time	Concentration (ug/m <sup>3</sup> )	15-Min Avg Concentration (ug/m <sup>3</sup> )	
15:54	10.5	9.9	15:54	52.3	44.3	15:54	199.0	83.0	-
15:55	11.8	10.1	15:55	35.0	44.2	15:55	233.5	91.4	-
15:56	13.8	10.5	15:56	50.5	44.4	15:56	131.3	91.2	-
15:57	8.3	10.5	15:57	55.3	44.9	15:57	85.0	89.8	-
15:58	8.5	10.4	15:58	35.8	44.9	15:58	86.0	91.0	-
15:59	9.8	10.3	15:59	34.8	42.5	15:59	45.5	88.4	-
16:00	14.8	10.6	16:00	45.8	41.2	16:00	63.8	88.0	-
16:01	12.8	10.5	16:01	51.0	41.8	16:01	124.0	93.0	-
16:02	12.0	10.3	16:02	60.8	43.4	16:02	67.5	95.1	-
16:03	11.3	10.4	16:03	47.5	44.2	16:03	45.5	95.6	-
16:04	13.8	10.7	16:04	33.5	44.3	16:04	198.8	106.5	-
16:05	10.8	10.9	16:05	42.5	45.0	16:05	93.8	107.2	-
16:06	10.0	11.0	16:06	52.3	46.4	16:06	143.0	111.1	-
16:07	10.0	11.1	16:07	36.8	45.9	16:07	36.5	109.4	-
16:08	10.0	11.2	16:08	59.0	46.2	16:08	40.3	106.2	-
16:09	13.5	11.4	16:09	52.5	46.2	16:09	36.5	95.4	-
16:10	20.3	12.0	16:10	90.5	49.9	16:10	47.8	83.0	-
16:11	13.8	12.0	16:11	63.5	50.8	16:11	45.3	77.3	-
16:12	11.0	12.1	16:12	41.0	49.8	16:12	38.0	74.1	-
16:13	11.0	12.3	16:13	36.8	49.9	16:13	38.3	71.0	-
16:14	11.3	12.4	16:14	41.8	50.3	16:14	39.3	70.5	-
16:15	13.8	12.3	16:15	37.8	49.8	16:15	39.0	68.9	-
16:16	12.5	12.3	16:16	37.8	48.9	16:16	35.8	63.0	-
16:17	11.3	12.3	16:17	29.8	46.9	16:17	37.5	61.0	-
16:18	11.0	12.3	16:18	27.5	45.5	16:18	41.3	60.7	-
16:19	10.0	12.0	16:19	27.0	45.1	16:19	38.0	50.0	-
16:20	11.8	12.1	16:20	29.3	44.2	16:20	35.3	46.1	-
16:21	12.8	12.3	16:21	36.8	43.2	16:21	37.0	39.0	-
16:22	12.5	12.4	16:22	34.8	43.0	16:22	40.5	39.3	-
16:23	13.0	12.6	16:23	58.8	43.0	16:23	36.5	39.1	-
16:24	13.8	12.6	16:24	97.3	46.0	16:24	41.0	39.4	-
16:25	12.0	12.1	16:25	31.0	42.0	16:25	41.3	38.9	-
16:26	12.5	12.0	16:26	33.0	40.0	16:26	37.5	38.4	-
16:27	13.8	12.2	16:27	36.5	39.7	16:27	37.5	38.4	-
16:28	13.0	12.3	16:28	31.5	39.4	16:28	39.3	38.4	-
16:29	12.0	12.4	16:29	32.5	38.7	16:29	36.0	38.2	-
16:30	11.0	12.2	16:30	35.8	38.6	16:30	38.3	38.2	-
16:31	11.5	12.1	16:31	31.3	38.2	16:31	42.0	38.6	-
16:32	12.0	12.2	16:32	30.3	38.2	16:32	46.8	39.2	-
16:33	13.3	12.3	16:33	33.3	38.6	16:33	39.0	39.1	-
16:34	14.5	12.6	16:34	32.5	39.0	16:34	43.8	39.4	-
16:35	13.3	12.7	16:35	35.3	39.4	16:35	35.5	39.5	-
16:36	12.0	12.7	16:36	32.0	39.0	16:36	34.0	39.3	-
16:37	12.0	12.6	16:37	36.5	39.2	16:37	35.8	38.9	-
16:38	12.5	12.6	16:38	33.5	37.5	16:38	39.3	39.1	-
16:39	12.8	12.5	16:39	35.5	33.4	16:39	42.5	39.2	-
16:40	12.5	12.6	16:40	33.0	33.5	16:40	55.0	40.1	-
16:41	11.0	12.5	16:41	32.5	33.5	16:41	34.3	39.9	-
16:42	11.0	12.3	16:42	30.8	33.1	16:42	36.3	39.8	-
16:43	11.0	12.2	16:43	31.8	33.1	16:43	36.0	39.6	-
16:44	10.5	12.1	16:44	33.8	33.2	16:44	35.3	39.6	-
16:45	10.0	12.0	16:45	31.8	32.9	16:45	35.3	39.4	-
16:46	10.3	11.9	16:46	27.0	32.6	16:46	34.3	38.9	-
16:47	10.0	11.8	16:47	28.8	32.5	16:47	33.3	38.0	-
16:48	10.0	11.6	16:48	40.3	33.0	16:48	30.8	37.4	-
16:49	10.3	11.3	16:49	34.5	33.1	16:49	31.0	36.6	-
16:50	9.8	11.0	16:50	31.8	32.9	16:50	31.0	36.3	-
16:51	9.0	10.8	16:51	42.3	33.6	16:51	31.3	36.1	-
16:52	9.0	10.6	16:52	41.3	33.9	16:52	32.8	35.9	-
16:53	8.8	10.4	16:53	32.0	33.8	16:53	34.3	35.5	-
16:54	7.8	10.1	16:54	41.0	34.2	16:54	33.0	34.9	-
16:55	7.5	9.7	16:55	89.3	37.9	16:55	33.3	33.5	-
16:56	8.8	9.6	16:56	76.8	40.9	16:56	30.5	33.2	-

Friday, November 4, 2022

Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 = 0

Number of Comparable Data Points = 554

Start Time: 7:07

End Time: 16:56

PID DATA

Upwind			Downwind					Exceeds Particulate Alarm Limit	
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)		15-Min Avg Concentration (ppm)
7:07	0.0	-	7:07	0.0	-	7:07	0.0	-	-
7:08	0.0	-	7:08	0.0	-	7:08	0.0	-	-
7:09	0.0	-	7:09	0.0	-	7:09	0.0	-	-
7:10	0.0	-	7:10	0.0	-	7:10	0.0	-	-
7:11	0.0	-	7:11	0.0	-	7:11	0.0	-	-
7:12	0.0	-	7:12	0.0	-	7:12	0.0	-	-
7:13	0.0	-	7:13	0.0	-	7:13	0.0	-	-
7:14	0.0	-	7:14	0.0	-	7:14	0.0	-	-
7:15	0.0	-	7:15	0.0	-	7:15	0.0	-	-
7:16	0.0	-	7:16	0.0	-	7:16	0.0	-	-
7:17	0.0	-	7:17	0.0	-	7:17	0.0	-	-
7:18	0.0	-	7:18	0.0	-	7:18	0.0	-	-
7:19	0.0	-	7:19	0.0	-	7:19	0.0	-	-
7:20	0.0	-	7:20	0.0	-	7:20	0.0	-	-
7:21	0.0	-	7:21	0.0	-	7:21	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	0.1	0.0	7:31	0.0	0.0	-
7:32	0.0	0.0	7:32	0.1	0.0	7:32	0.0	0.0	-
7:33	0.0	0.0	7:33	0.1	0.0	7:33	0.0	0.0	-
7:34	0.0	0.0	7:34	0.1	0.0	7:34	0.0	0.0	-
7:35	0.0	0.0	7:35	0.1	0.0	7:35	0.0	0.0	-
7:36	0.0	0.0	7:36	0.1	0.0	7:36	0.0	0.0	-
7:37	0.0	0.0	7:37	0.1	0.0	7:37	0.0	0.0	-
7:38	0.0	0.0	7:38	0.1	0.1	7:38	0.0	0.0	-
7:39	0.0	0.0	7:39	0.1	0.1	7:39	0.0	0.0	-
7:40	0.0	0.0	7:40	0.1	0.1	7:40	0.0	0.0	-
7:41	0.0	0.0	7:41	0.1	0.1	7:41	0.0	0.0	-
7:42	0.0	0.0	7:42	0.1	0.1	7:42	0.0	0.0	-
7:43	0.0	0.0	7:43	0.1	0.1	7:43	0.0	0.0	-
7:44	0.0	0.0	7:44	0.1	0.1	7:44	0.0	0.0	-
7:45	0.0	0.0	7:45	0.1	0.1	7:45	0.0	0.0	-
7:46	0.0	0.0	7:46	0.1	0.1	7:46	0.0	0.0	-
7:47	0.0	0.0	7:47	0.2	0.1	7:47	0.0	0.0	-
7:48	0.0	0.0	7:48	0.2	0.1	7:48	0.0	0.0	-
7:49	0.0	0.0	7:49	0.2	0.1	7:49	0.0	0.0	-
7:50	0.0	0.0	7:50	0.2	0.1	7:50	0.0	0.0	-
7:51	0.0	0.0	7:51	0.2	0.1	7:51	0.0	0.0	-
7:52	0.0	0.0	7:52	0.2	0.1	7:52	0.0	0.0	-
7:53	0.0	0.0	7:53	0.2	0.2	7:53	0.0	0.0	-
7:54	0.0	0.0	7:54	0.2	0.2	7:54	0.0	0.0	-
7:55	0.0	0.0	7:55	0.2	0.2	7:55	0.0	0.0	-
7:56	0.0	0.0	7:56	0.2	0.2	7:56	0.0	0.0	-
7:57	0.0	0.0	7:57	0.2	0.2	7:57	0.0	0.0	-
7:58	0.0	0.0	7:58	0.2	0.2	7:58	0.0	0.0	-
7:59	0.0	0.0	7:59	0.2	0.2	7:59	0.0	0.0	-
8:00	0.0	0.0	8:00	0.2	0.2	8:00	0.0	0.0	-
8:01	0.0	0.0	8:01	0.2	0.2	8:01	0.0	0.0	-
8:02	0.0	0.0	8:02	0.2	0.2	8:02	0.0	0.0	-
8:03	0.0	0.0	8:03	0.2	0.2	8:03	0.0	0.0	-
8:04	0.0	0.0	8:04	0.2	0.2	8:04	0.0	0.0	-
8:05	0.0	0.0	8:05	0.2	0.2	8:05	0.0	0.0	-
8:06	0.0	0.0	8:06	0.2	0.2	8:06	0.0	0.0	-
8:07	0.0	0.0	8:07	0.2	0.2	8:07	0.0	0.0	-
8:08	0.0	0.0	8:08	0.2	0.2	8:08	0.0	0.0	-
8:09	0.0	0.0	8:09	0.2	0.2	8:09	0.0	0.0	-
8:10	0.0	0.0	8:10	0.2	0.2	8:10	0.0	0.0	-
8:11	0.0	0.0	8:11	0.2	0.2	8:11	0.0	0.0	-
8:12	0.0	0.0	8:12	0.2	0.2	8:12	0.0	0.0	-
8:13	0.0	0.0	8:13	0.2	0.2	8:13	0.0	0.0	-
8:14	0.0	0.0	8:14	0.2	0.2	8:14	0.0	0.0	-
8:15	0.0	0.0	8:15	0.2	0.2	8:15	0.0	0.0	-
8:16	0.0	0.0	8:16	0.0	0.2	8:16	0.5	0.0	-
8:17	0.0	0.0	8:17	0.0	0.1	8:17	0.6	0.1	-

PID DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
8:18	0.0	0.0	8:18	0.0	0.1	8:18	0.5	0.1	-
8:19	0.0	0.0	8:19	0.0	0.1	8:19	0.4	0.1	-
8:20	0.0	0.0	8:20	0.0	0.1	8:20	0.3	0.2	-
8:21	0.0	0.0	8:21	0.0	0.1	8:21	0.3	0.2	-
8:22	0.0	0.0	8:22	0.0	0.1	8:22	0.3	0.2	-
8:23	0.0	0.0	8:23	0.0	0.1	8:23	0.3	0.2	-
8:24	0.0	0.0	8:24	0.0	0.1	8:24	0.2	0.2	-
8:25	0.0	0.0	8:25	0.0	0.1	8:25	0.2	0.2	-
8:26	0.0	0.0	8:26	0.2	0.1	8:26	0.0	0.2	-
8:27	0.0	0.0	8:27	0.2	0.1	8:27	0.0	0.2	-
8:28	0.0	0.0	8:28	0.2	0.1	8:28	0.0	0.2	-
8:29	0.0	0.0	8:29	0.2	0.1	8:29	0.0	0.2	-
8:30	0.0	0.0	8:30	0.2	0.1	8:30	0.0	0.2	-
8:31	0.0	0.0	8:31	0.2	0.1	8:31	0.0	0.2	-
8:32	0.1	0.0	8:32	0.2	0.1	8:32	0.0	0.2	-
8:33	0.1	0.0	8:33	0.2	0.1	8:33	0.0	0.1	-
8:34	0.1	0.0	8:34	0.2	0.1	8:34	0.0	0.1	-
8:35	0.3	0.0	8:35	0.2	0.1	8:35	0.0	0.1	-
8:36	0.4	0.1	8:36	0.2	0.1	8:36	0.0	0.1	-
8:37	0.6	0.1	8:37	0.2	0.2	8:37	0.0	0.0	-
8:38	0.4	0.1	8:38	0.2	0.2	8:38	0.0	0.0	-
8:39	0.2	0.1	8:39	0.2	0.2	8:39	0.0	0.0	-
8:40	0.1	0.1	8:40	0.2	0.2	8:40	0.0	0.0	-
8:41	0.0	0.1	8:41	0.2	0.2	8:41	0.0	0.0	-
8:42	0.0	0.1	8:42	0.2	0.2	8:42	0.0	0.0	-
8:43	0.0	0.1	8:43	0.1	0.2	8:43	0.0	0.0	-
8:44	0.0	0.1	8:44	0.2	0.2	8:44	0.0	0.0	-
8:45	0.0	0.1	8:45	0.1	0.2	8:45	0.0	0.0	-
8:46	0.0	0.1	8:46	0.1	0.2	8:46	0.0	0.0	-
8:47	0.0	0.1	8:47	0.1	0.2	8:47	0.0	0.0	-
8:48	0.0	0.1	8:48	0.1	0.2	8:48	0.0	0.0	-
8:49	0.0	0.1	8:49	0.1	0.2	8:49	0.0	0.0	-
8:50	0.0	0.1	8:50	0.1	0.2	8:50	0.0	0.0	-
8:51	0.0	0.1	8:51	0.1	0.2	8:51	0.0	0.0	-
8:52	0.0	0.0	8:52	0.1	0.1	8:52	0.0	0.0	-
8:53	0.0	0.0	8:53	0.1	0.1	8:53	0.0	0.0	-
8:54	0.0	0.0	8:54	0.1	0.1	8:54	0.0	0.0	-
8:55	0.0	0.0	8:55	0.1	0.1	8:55	0.0	0.0	-
8:56	0.0	0.0	8:56	0.1	0.1	8:56	0.0	0.0	-
8:57	0.0	0.0	8:57	0.1	0.1	8:57	0.0	0.0	-
8:58	0.0	0.0	8:58	0.1	0.1	8:58	0.0	0.0	-
8:59	0.0	0.0	8:59	0.1	0.1	8:59	0.0	0.0	-
9:00	0.0	0.0	9:00	0.1	0.1	9:00	0.0	0.0	-
9:01	0.0	0.0	9:01	0.1	0.1	9:01	0.0	0.0	-
9:02	0.0	0.0	9:02	0.1	0.1	9:02	0.0	0.0	-
9:03	0.0	0.0	9:03	0.1	0.1	9:03	0.0	0.0	-
9:04	0.0	0.0	9:04	0.1	0.1	9:04	0.0	0.0	-
9:05	0.0	0.0	9:05	0.1	0.1	9:05	0.0	0.0	-
9:06	0.0	0.0	9:06	0.1	0.1	9:06	0.0	0.0	-
9:07	0.0	0.0	9:07	0.1	0.1	9:07	0.0	0.0	-
9:08	0.0	0.0	9:08	0.1	0.1	9:08	0.0	0.0	-
9:09	0.0	0.0	9:09	0.1	0.1	9:09	0.0	0.0	-
9:10	0.0	0.0	9:10	0.1	0.1	9:10	0.0	0.0	-
9:11	0.0	0.0	9:11	0.0	0.1	9:11	0.1	0.0	-
9:12	0.0	0.0	9:12	0.0	0.1	9:12	0.1	0.0	-
9:13	0.0	0.0	9:13	0.0	0.1	9:13	0.1	0.0	-
9:14	0.0	0.0	9:14	0.0	0.1	9:14	0.1	0.0	-
9:15	-	-	9:15	0.0	0.1	9:15	0.1	0.0	-
9:16	-	-	9:16	0.0	0.1	9:16	0.1	0.0	-
9:17	-	-	9:17	0.0	0.0	9:17	0.1	0.0	-
9:18	-	-	9:18	0.0	0.0	9:18	0.1	0.0	-
9:19	-	-	9:19	0.0	0.0	9:19	0.1	0.0	-
9:20	-	-	9:20	0.0	0.0	9:20	0.1	0.1	-
9:21	0.1	-	9:21	-	-	9:21	0.0	0.1	-
9:22	0.1	-	9:22	-	-	9:22	0.0	0.1	-
9:23	0.1	-	9:23	-	-	9:23	0.0	0.1	-
9:24	0.1	-	9:24	-	-	9:24	0.0	0.1	-
9:25	0.1	-	9:25	-	-	9:25	0.0	0.1	-
9:26	0.1	-	9:26	-	-	9:26	0.0	0.0	-
9:27	0.1	-	9:27	-	-	9:27	0.0	0.0	-
9:28	0.1	-	9:28	-	-	9:28	0.0	0.0	-
9:29	0.1	-	9:29	-	-	9:29	0.0	0.0	-
9:30	0.1	-	9:30	-	-	9:30	0.0	0.0	-
9:31	0.1	-	9:31	-	-	9:31	0.0	0.0	-
9:32	0.1	-	9:32	-	-	9:32	0.0	0.0	-
9:33	0.1	-	9:33	-	-	9:33	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)	
9:34	0.1	-	9:34	-	-	9:34	0.0	0.0	-
9:35	0.1	-	9:35	-	-	9:35	0.0	0.0	-
9:36	0.1	0.1	9:36	-	-	9:36	0.0	0.0	-
9:37	0.1	0.1	9:37	-	-	9:37	0.0	0.0	-
9:38	0.1	0.1	9:38	-	-	9:38	0.0	0.0	-
9:39	0.1	0.1	9:39	-	-	9:39	0.0	0.0	-
9:40	0.1	0.1	9:40	-	-	9:40	0.0	0.0	-
9:41	0.0	0.1	9:41	0.0	-	9:41	0.1	0.0	-
9:42	0.0	0.1	9:42	0.0	-	9:42	0.1	0.0	-
9:43	0.0	0.1	9:43	0.0	-	9:43	0.1	0.0	-
9:44	0.0	0.0	9:44	0.0	-	9:44	0.0	0.0	-
9:45	0.0	0.0	9:45	0.0	-	9:45	0.1	0.0	-
9:46	0.0	0.0	9:46	0.0	-	9:46	0.0	0.0	-
9:47	0.0	0.0	9:47	0.0	-	9:47	0.0	0.0	-
9:48	0.0	0.0	9:48	0.0	-	9:48	0.0	0.0	-
9:49	0.0	0.0	9:49	0.0	-	9:49	0.0	0.0	-
9:50	0.0	0.0	9:50	0.0	-	9:50	0.0	0.0	-
9:51	0.0	0.0	9:51	0.0	-	9:51	0.1	0.0	-
9:52	0.0	0.0	9:52	0.0	-	9:52	0.0	0.0	-
9:53	0.0	0.0	9:53	0.0	-	9:53	0.1	0.0	-
9:54	0.0	0.0	9:54	0.0	-	9:54	0.1	0.0	-
9:55	0.0	0.0	9:55	0.0	-	9:55	0.1	0.1	-
9:56	0.0	0.0	9:56	0.0	0.0	9:56	0.1	0.1	-
9:57	0.0	0.0	9:57	0.0	0.0	9:57	0.1	0.1	-
9:58	0.0	0.0	9:58	0.0	0.0	9:58	0.1	0.1	-
9:59	0.0	0.0	9:59	0.0	0.0	9:59	0.1	0.1	-
10:00	0.0	0.0	10:00	0.0	0.0	10:00	0.1	0.1	-
10:01	0.0	0.0	10:01	0.0	0.0	10:01	0.1	0.1	-
10:02	0.0	0.0	10:02	0.0	0.0	10:02	0.1	0.1	-
10:03	0.0	0.0	10:03	0.0	0.0	10:03	0.1	0.1	-
10:04	0.0	0.0	10:04	0.0	0.0	10:04	0.1	0.1	-
10:05	0.0	0.0	10:05	0.0	0.0	10:05	0.1	0.1	-
10:06	0.0	0.0	10:06	0.0	0.0	10:06	0.1	0.1	-
10:07	0.0	0.0	10:07	0.0	0.0	10:07	0.1	0.1	-
10:08	0.0	0.0	10:08	0.0	0.0	10:08	0.0	0.1	-
10:09	0.0	0.0	10:09	0.0	0.0	10:09	0.0	0.1	-
10:10	0.0	0.0	10:10	0.0	0.0	10:10	0.0	0.1	-
10:11	0.0	0.0	10:11	0.0	0.0	10:11	0.0	0.1	-
10:12	0.0	0.0	10:12	0.0	0.0	10:12	0.0	0.1	-
10:13	0.0	0.0	10:13	0.0	0.0	10:13	0.1	0.1	-
10:14	0.0	0.0	10:14	0.0	0.0	10:14	0.1	0.1	-
10:15	0.0	0.0	10:15	0.0	0.0	10:15	0.0	0.1	-
10:16	0.0	0.0	10:16	0.0	0.0	10:16	0.0	0.1	-
10:17	0.0	0.0	10:17	0.0	0.0	10:17	0.1	0.1	-
10:18	0.0	0.0	10:18	0.3	0.0	10:18	0.1	0.1	-
10:19	0.0	0.0	10:19	0.0	0.0	10:19	0.1	0.1	-
10:20	0.0	0.0	10:20	0.0	0.0	10:20	0.1	0.1	-
10:21	0.0	0.0	10:21	0.0	0.0	10:21	0.1	0.1	-
10:22	0.0	0.0	10:22	0.0	0.0	10:22	0.1	0.1	-
10:23	0.0	0.0	10:23	0.0	0.0	10:23	0.1	0.1	-
10:24	0.0	0.0	10:24	0.0	0.0	10:24	0.1	0.1	-
10:25	0.0	0.0	10:25	0.0	0.0	10:25	0.0	0.1	-
10:26	0.0	0.0	10:26	0.0	0.0	10:26	0.0	0.1	-
10:27	0.0	0.0	10:27	0.0	0.0	10:27	0.0	0.1	-
10:28	0.0	0.0	10:28	0.0	0.0	10:28	0.0	0.1	-
10:29	0.0	0.0	10:29	0.0	0.0	10:29	0.0	0.1	-
10:30	0.0	0.0	10:30	0.0	0.0	10:30	0.1	0.1	-
10:31	0.0	0.0	10:31	0.0	0.0	10:31	0.0	0.1	-
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	0.1	0.0	10:33	0.0	0.0	-
10:34	0.0	0.0	10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.0	0.0	10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.0	0.0	10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.0	0.0	10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.0	0.0	10:38	0.0	0.0	10:38	0.0	0.0	-
10:39	0.0	0.0	10:39	0.0	0.0	10:39	0.0	0.0	-
10:40	0.0	0.0	10:40	0.0	0.0	10:40	0.0	0.0	-
10:41	0.0	0.0	10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.0	0.0	10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.0	0.0	10:43	0.0	0.0	10:43	0.0	0.0	-
10:44	0.0	0.0	10:44	0.0	0.0	10:44	0.0	0.0	-
10:45	0.0	0.0	10:45	0.0	0.0	10:45	0.0	0.0	-
10:46	0.3	0.0	10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	1.4	0.1	10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.5	0.1	10:48	0.0	0.0	10:48	0.0	0.0	-
10:49	0.2	0.2	10:49	0.0	0.0	10:49	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)	
10:50	0.1	0.2	10:50	0.0	0.0	10:50	0.0	0.0	-
10:51	0.1	0.2	10:51	0.0	0.0	10:51	0.0	0.0	-
10:52	0.1	0.2	10:52	0.0	0.0	10:52	0.0	0.0	-
10:53	0.1	0.2	10:53	0.0	0.0	10:53	0.0	0.0	-
10:54	0.0	0.2	10:54	0.0	0.0	10:54	0.0	0.0	-
10:55	0.1	0.2	10:55	0.0	0.0	10:55	0.0	0.0	-
10:56	0.0	0.2	10:56	0.0	0.0	10:56	0.0	0.0	-
10:57	0.0	0.2	10:57	0.0	0.0	10:57	0.0	0.0	-
10:58	0.0	0.2	10:58	0.0	0.0	10:58	0.0	0.0	-
10:59	0.0	0.2	10:59	0.0	0.0	10:59	0.0	0.0	-
11:00	0.0	0.2	11:00	0.0	0.0	11:00	0.0	0.0	-
11:01	0.0	0.2	11:01	0.0	0.0	11:01	0.0	0.0	-
11:02	0.0	0.1	11:02	0.0	0.0	11:02	0.0	0.0	-
11:03	0.0	0.0	11:03	0.0	0.0	11:03	0.0	0.0	-
11:04	0.0	0.0	11:04	0.0	0.0	11:04	0.0	0.0	-
11:05	0.0	0.0	11:05	0.0	0.0	11:05	0.0	0.0	-
11:06	0.0	0.0	11:06	0.0	0.0	11:06	0.0	0.0	-
11:07	0.0	0.0	11:07	0.0	0.0	11:07	0.0	0.0	-
11:08	0.0	0.0	11:08	0.0	0.0	11:08	0.0	0.0	-
11:09	0.0	0.0	11:09	0.0	0.0	11:09	0.0	0.0	-
11:10	0.0	0.0	11:10	0.0	0.0	11:10	0.0	0.0	-
11:11	0.0	0.0	11:11	0.0	0.0	11:11	0.0	0.0	-
11:12	0.0	0.0	11:12	0.0	0.0	11:12	0.0	0.0	-
11:13	0.0	0.0	11:13	0.0	0.0	11:13	0.0	0.0	-
11:14	0.0	0.0	11:14	0.0	0.0	11:14	0.0	0.0	-
11:15	0.0	0.0	11:15	0.0	0.0	11:15	0.0	0.0	-
11:16	0.0	0.0	11:16	0.0	0.0	11:16	0.0	0.0	-
11:17	0.0	0.0	11:17	0.0	0.0	11:17	0.0	0.0	-
11:18	0.0	0.0	11:18	0.0	0.0	11:18	0.0	0.0	-
11:19	0.0	0.0	11:19	0.0	0.0	11:19	0.0	0.0	-
11:20	0.0	0.0	11:20	0.0	0.0	11:20	0.0	0.0	-
11:21	0.0	0.0	11:21	0.0	0.0	11:21	0.0	0.0	-
11:22	0.0	0.0	11:22	0.0	0.0	11:22	0.0	0.0	-
11:23	0.0	0.0	11:23	0.0	0.0	11:23	0.0	0.0	-
11:24	0.0	0.0	11:24	0.0	0.0	11:24	0.0	0.0	-
11:25	0.0	0.0	11:25	0.0	0.0	11:25	0.0	0.0	-
11:26	0.0	0.0	11:26	0.0	0.0	11:26	0.0	0.0	-
11:27	0.0	0.0	11:27	0.0	0.0	11:27	0.0	0.0	-
11:28	0.0	0.0	11:28	0.0	0.0	11:28	0.0	0.0	-
11:29	0.0	0.0	11:29	0.0	0.0	11:29	0.0	0.0	-
11:30	0.0	0.0	11:30	0.0	0.0	11:30	0.0	0.0	-
11:31	0.0	0.0	11:31	0.0	0.0	11:31	0.0	0.0	-
11:32	0.0	0.0	11:32	0.0	0.0	11:32	0.0	0.0	-
11:33	0.0	0.0	11:33	0.0	0.0	11:33	0.0	0.0	-
11:34	0.0	0.0	11:34	0.0	0.0	11:34	0.0	0.0	-
11:35	0.0	0.0	11:35	0.0	0.0	11:35	0.0	0.0	-
11:36	0.0	0.0	11:36	0.0	0.0	11:36	0.0	0.0	-
11:37	0.0	0.0	11:37	0.0	0.0	11:37	0.0	0.0	-
11:38	0.0	0.0	11:38	0.0	0.0	11:38	0.0	0.0	-
11:39	0.0	0.0	11:39	0.0	0.0	11:39	0.0	0.0	-
11:40	0.0	0.0	11:40	0.0	0.0	11:40	0.0	0.0	-
11:41	0.0	0.0	11:41	0.0	0.0	11:41	0.0	0.0	-
11:42	0.0	0.0	11:42	0.0	0.0	11:42	0.0	0.0	-
11:43	0.0	0.0	11:43	0.0	0.0	11:43	0.0	0.0	-
11:44	0.0	0.0	11:44	0.0	0.0	11:44	0.0	0.0	-
11:45	0.0	0.0	11:45	0.0	0.0	11:45	0.0	0.0	-
11:46	0.0	0.0	11:46	0.0	0.0	11:46	0.0	0.0	-
11:47	0.0	0.0	11:47	0.0	0.0	11:47	0.0	0.0	-
11:48	0.0	0.0	11:48	0.0	0.0	11:48	0.0	0.0	-
11:49	0.0	0.0	11:49	0.0	0.0	11:49	0.0	0.0	-
11:50	0.0	0.0	11:50	0.0	0.0	11:50	0.0	0.0	-
11:51	0.0	0.0	11:51	0.0	0.0	11:51	0.0	0.0	-
11:52	0.0	0.0	11:52	0.0	0.0	11:52	0.0	0.0	-
11:53	0.0	0.0	11:53	0.0	0.0	11:53	0.0	0.0	-
11:54	0.0	0.0	11:54	0.0	0.0	11:54	0.0	0.0	-
11:55	0.0	0.0	11:55	0.0	0.0	11:55	0.0	0.0	-
11:56	0.0	0.0	11:56	0.0	0.0	11:56	0.0	0.0	-
11:57	0.0	0.0	11:57	0.0	0.0	11:57	0.0	0.0	-
11:58	0.0	0.0	11:58	0.0	0.0	11:58	0.0	0.0	-
11:59	0.0	0.0	11:59	0.0	0.0	11:59	0.0	0.0	-
12:00	0.0	0.0	12:00	0.0	0.0	12:00	0.0	0.0	-
12:01	0.0	0.0	12:01	0.0	0.0	12:01	0.0	0.0	-
12:02	0.0	0.0	12:02	0.0	0.0	12:02	0.0	0.0	-
12:03	0.0	0.0	12:03	0.0	0.0	12:03	0.0	0.0	-
12:04	0.0	0.0	12:04	0.0	0.0	12:04	0.0	0.0	-
12:05	0.0	0.0	12:05	0.0	0.0	12:05	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)	
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	0.1	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	-
16:42	0.0	0.0	16:42	0.0	0.0	16:42	0.0	0.0	-
16:43	0.0	0.0	16:43	0.0	0.0	16:43	0.0	0.0	-
16:44	0.0	0.0	16:44	0.0	0.0	16:44	0.0	0.0	-
16:45	0.0	0.0	16:45	0.0	0.0	16:45	0.0	0.0	-
16:46	0.0	0.0	16:46	0.0	0.0	16:46	0.0	0.0	-
16:47	0.0	0.0	16:47	0.0	0.0	16:47	0.0	0.0	-
16:48	0.0	0.0	16:48	0.0	0.0	16:48	0.0	0.0	-
16:49	0.0	0.0	16:49	0.0	0.0	16:49	0.0	0.0	-
16:50	0.0	0.0	16:50	0.0	0.0	16:50	0.0	0.0	-
16:51	0.0	0.0	16:51	0.0	0.0	16:51	0.0	0.0	-
16:52	0.0	0.0	16:52	0.0	0.0	16:52	0.0	0.0	-
16:53	0.0	0.0	16:53	0.0	0.0	16:53	0.0	0.0	-
16:54	0.0	0.0	16:54	0.0	0.0	16:54	0.0	0.0	-
16:55	0.0	0.0	16:55	0.0	0.0	16:55	0.0	0.0	-
16:56	0.0	0.0	16:56	0.0	0.0	16:56	0.0	0.0	-