

# LANGAN SITE OBSERVATION REPORT – Day 052

<b>CLIENT:</b>	Gowanus Canal LLC and GowCan Owner, LLC	<b>DATE:</b>	Monday, November 7, 2022
<b>PROJECT No.:</b>	170295301	<b>WEATHER:</b>	Clear, 68 to 80 °F Wind: WNW @ 2-6 mph
<b>PROJECT:</b>	Gowanus Canal Northside	<b>TIME:</b>	06:30 – 17:15
<b>LOCATION:</b>	Brooklyn, New York	<b>BCP SITE ID:</b>	C224080
<b>EQUIPMENT:</b>	Komatsu PC 490 Excavator Komatsu PC 240 Excavator 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, Maitland Robinson (Environmental), Ashlene Bisram (Geotechnical) <b>Urban Atelier Group (UAG):</b> Seth Anderson <b>Kingdom Associates, Inc. (Kingdom):</b> Paddy Kearney <b>PAL Environmental Services, Inc. (PAL):</b> Jose Portillo
	Junttan PM20/25 Drill Rig JLG HC3 Boom Lift Vacuum Truck		

## 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 previously stockpiled 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 installed lagging for the support-of-excavation (SOE) system in the northern part of Society Brooklyn.
- PAL began to decommission the underground storage tank (UST) in the southwestern part of Society Brooklyn as follows:
  - PAL removed oily water from within the underground storage tank (UST) via vacuum truck.
  - PAL transported 431 gallons of oily water off-site for disposal at Clean Waters of New York in Staten Island, NY.
- Kingdom excavated an about 15-long by 6-foot wide area to about 6 feet below grade surface (bgs) to remove the UST and petroleum-impacted soil surrounding the UST in the southwestern part of Sackett Place. Excavated material consisted of historic fill.
  - Excavated historic fill was screened for odor, staining, and organic vapors using a photoionization detector (PID). Petroleum-like impacts, including a maximum PID reading of 40.1 parts per million (ppm), petroleum-like odor, and black staining were observed.
  - The tank was removed from the excavation and temporarily staged in the southeastern part of Sackett Place on top of and covered with polyethylene sheeting in preparation for cleaning and decommissioning by a Fire Department of New York (FDNY)-licensed tank removal contractor at a future date.
  - Petroleum-impacted historic fill was stockpiled in the southeastern part of Sackett Place on top of and covered with polyethylene sheeting pending future off-site disposal.
  - To avoid undermining the west-adjacent building foundation, Kingdom temporarily backfilled the excavation with previously imported 2 ½-inch virgin stone and non-impacted historic fill. The stone

<b>Cc:</b>	J. Hayes, M. Burke, P. Farnham, E. Adkins, A. Nesci	<b>By:</b>	Eddie Cai <b>Langan, D.P.C.</b>
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and historic fill will be excavated at a future date following installation of support of excavation (SOE) measures.

- Kingdom installed foundation piles in the western and southern 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 24.9 ppm and mothball-like odors, were observed in three 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 and covered with poly sheeting 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 and covered with poly sheeting pending future off-site disposal.

**Import and Export Tracking**

- Kingdom exported 15 truckloads of historic fill from waste characterization cell WC03 (WC03\_COMP\_0-5 and WC03\_COMP\_5-10) to Bayshore Soil Management (BSM) in Keasbey, NJ.
- PAL exported 431 gallons of oily water to Clean Water of New York in Staten Island, NY.
- No material was imported to the site.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	15	152
	Quantity (CY)	300	3,040
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**

- No samples were collected today.

**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).

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**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 decommission the 750-gallon UST.

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**Site Photographs:**



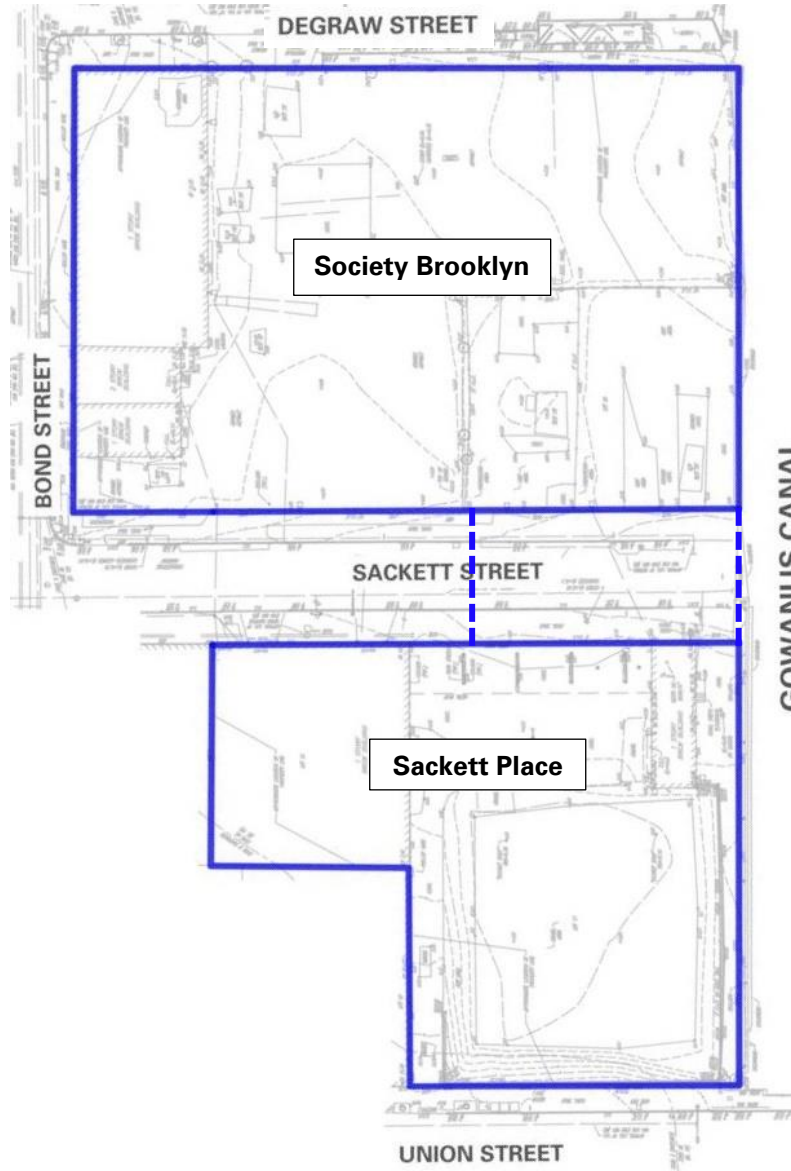
**Photo 1:** PAL vacuuming oily water into a permitted truck from the UST in the southwestern part of Sackett Place (facing southwest)





**Photo 2:** Kingdom installing foundation piles in the southwestern part of Sackett Place (facing southwest)

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**Site Map 1:**



**Legend**

-  Approximate BCP site boundary
-  Approximate construction fence boundary

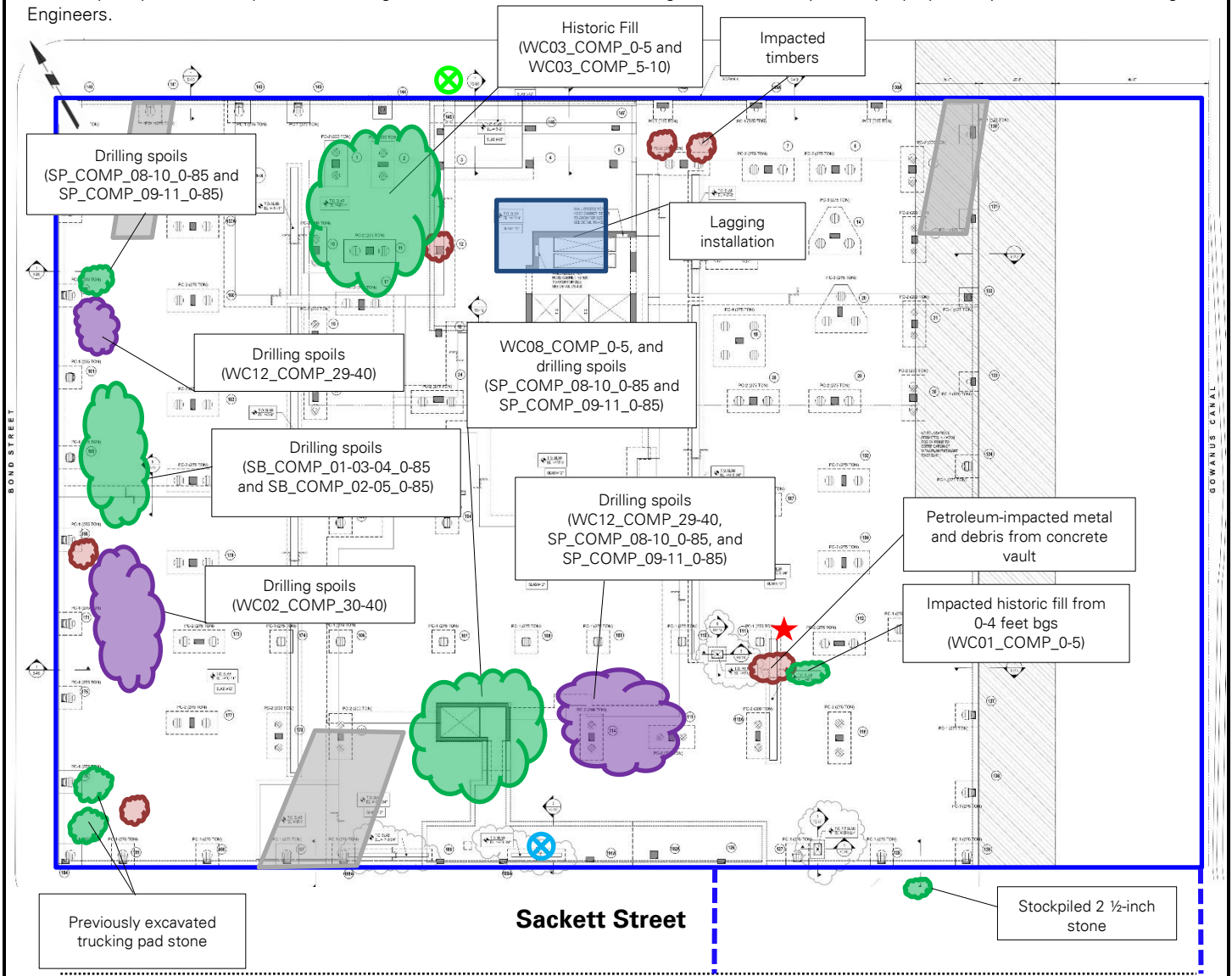
**Notes**

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:**

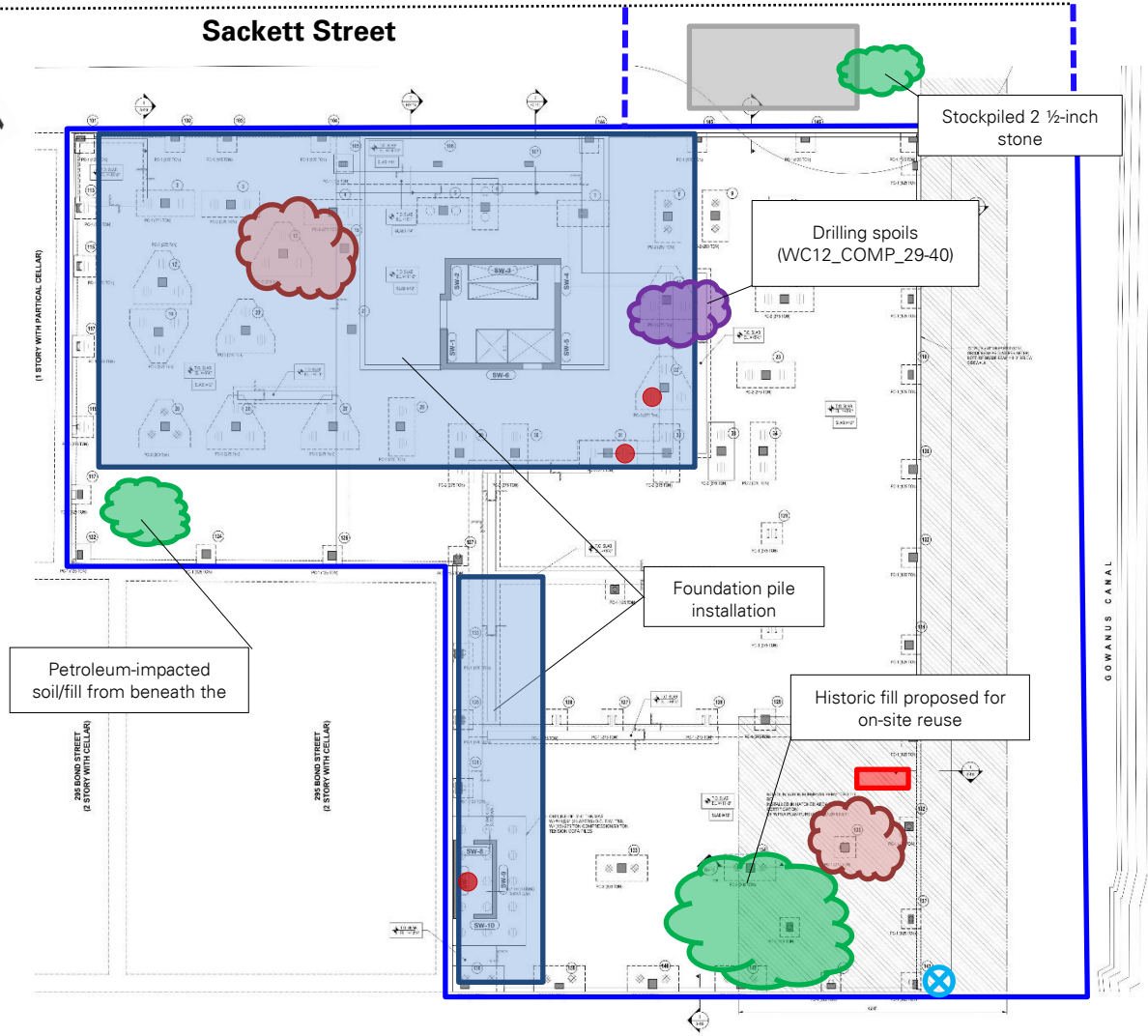
- Approximate site boundary
- - - Approximate construction fence boundary
- ⊗ Upwind air monitoring station
- ⊗ Downwind air monitoring station
- Approximate work area
- Approximate stabilized construction entrance
- ☁ Approximate soil/fill stockpile location
- ☁ Approximate MGP-impacted stockpile location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

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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:**

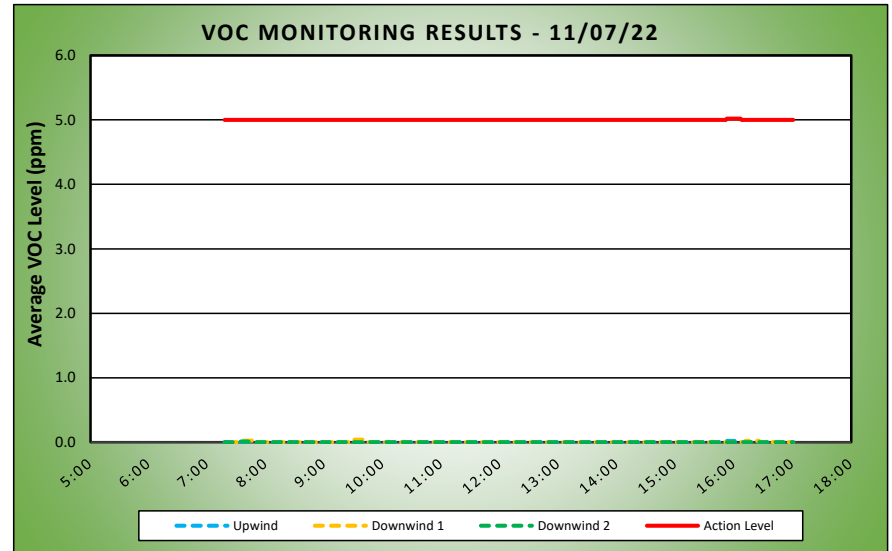
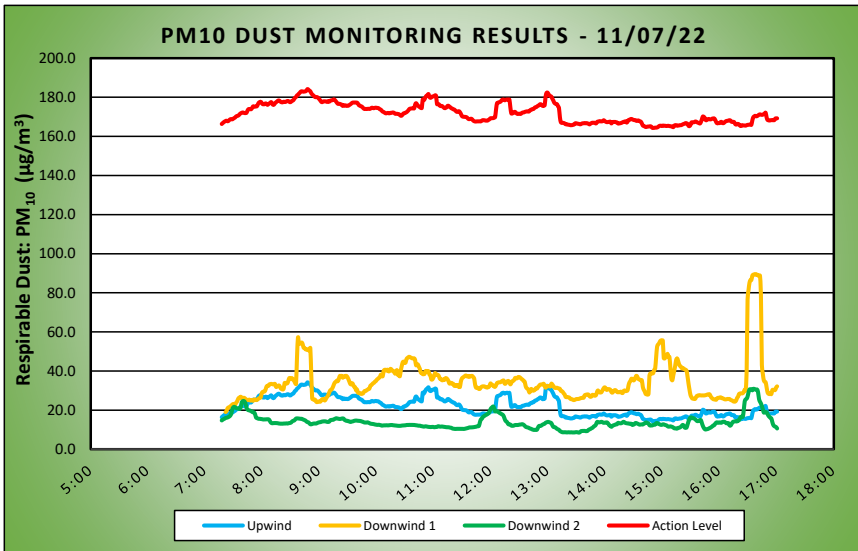
- Approximate site boundary
- - - Approximate construction fence boundary
- ⊗ Upwind air monitoring station
- ⊗ Downwind air monitoring station
- Approximate work area
- Approximate stabilized construction entrance
- ☁ Approximate soil/fill stockpile location
- ☁ Approximate MGP-impacted stockpile location
- ☁ Approximate C&D debris stockpile location
- Approximate location of MGP-impacted pile drilled today
- ▭ Approximate location of 750-gallon UST

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	<b>DAILY AIR MONITORING REPORT</b>				11/07/22	
	<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	WNW	Relative Humidity (%)	0.0 - 0.0	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	68.0 - 80.0	Wind Speed (MPH)	2.4 - 6.3	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		21.8	34.2	8:48	0.0	0.0	15:53
Downwind 1		34.4	89.6	16:38	0.0	0.0	9:29
Downwind 2		13.8	30.9	16:36	0.0	0.0	7:29



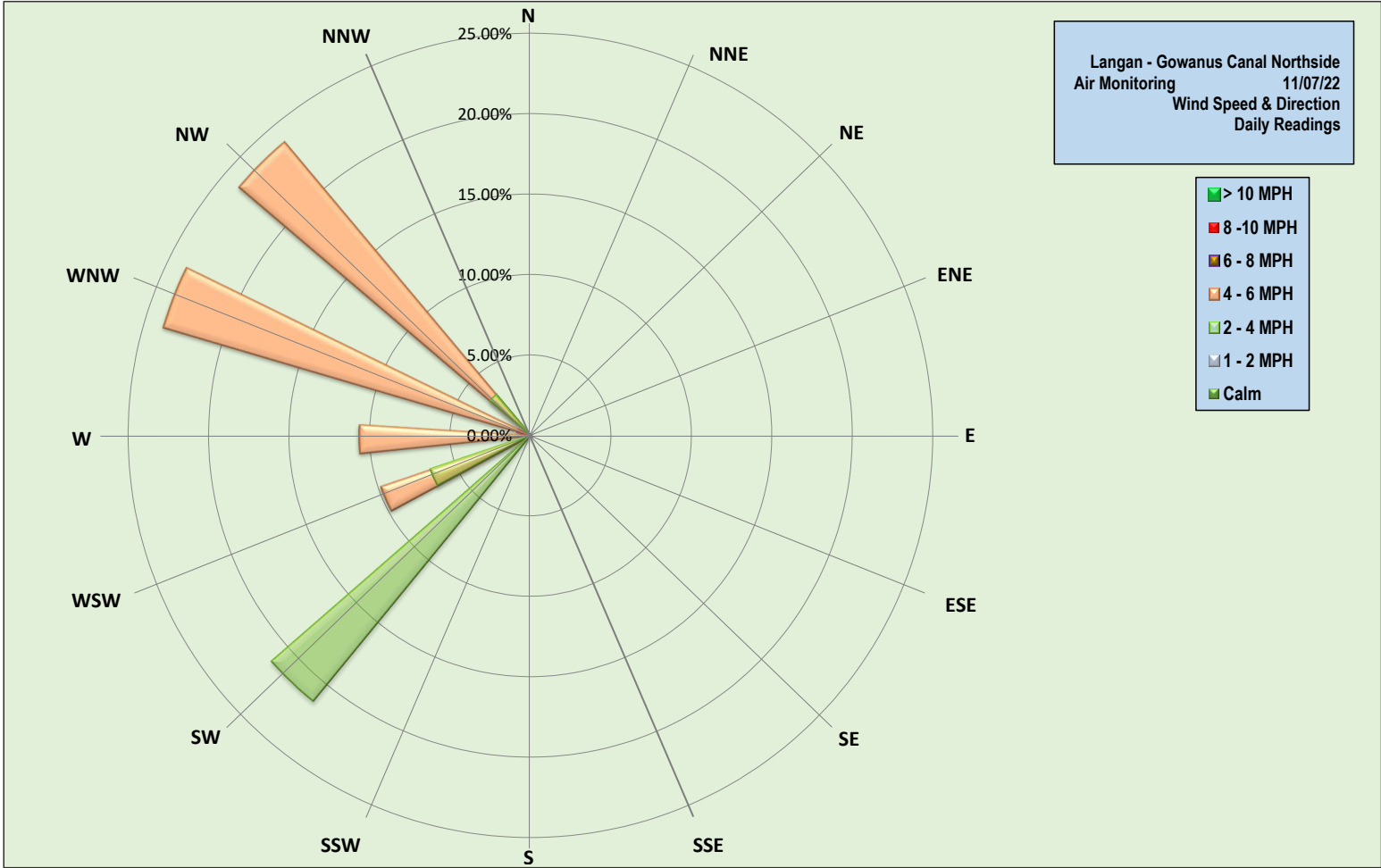
Air Monitoring Notes:

Sampling Notes:

Weather Notes:



Langan - Gowanus Canal Northside  
Air Monitoring 11/07/22  
Wind Speed & Direction  
Daily Readings



Monday, November 7, 2022									
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =									0
Number of Comparable Data Points =									585
Start Time:									7:03
End Time:									17:02
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> )	
7:03	8.0	-	7:03	-	-	7:03	14.0	-	-
7:04	12.0	-	7:04	-	-	7:04	15.3	-	-
7:05	13.0	-	7:05	-	-	7:05	14.0	-	-
7:06	13.0	-	7:06	-	-	7:06	13.3	-	-
7:07	13.8	-	7:07	15.0	-	7:07	13.3	-	-
7:08	15.0	-	7:08	15.5	-	7:08	14.0	-	-
7:09	22.3	-	7:09	15.5	-	7:09	14.0	-	-
7:10	17.3	-	7:10	15.8	-	7:10	13.3	-	-
7:11	16.3	-	7:11	16.8	-	7:11	13.0	-	-
7:12	17.5	-	7:12	17.3	-	7:12	13.5	-	-
7:13	20.0	-	7:13	19.8	-	7:13	14.8	-	-
7:14	22.0	-	7:14	19.6	-	7:14	14.3	-	-
7:15	15.3	-	7:15	22.0	-	7:15	14.0	-	-
7:16	15.0	-	7:16	22.6	-	7:16	15.0	-	-
7:17	16.0	-	7:17	26.4	-	7:17	18.5	-	-
7:18	17.0	16.4	7:18	18.5	-	7:18	20.8	14.7	-
7:19	18.5	16.8	7:19	20.8	-	7:19	20.5	15.1	-
7:20	19.3	17.2	7:20	16.1	-	7:20	18.8	15.4	-
7:21	18.5	17.6	7:21	16.8	-	7:21	16.8	15.6	-
7:22	17.8	17.8	7:22	22.1	19.0	7:22	18.5	16.0	-
7:23	18.0	18.0	7:23	22.5	19.5	7:23	15.8	16.1	-
7:24	18.0	17.8	7:24	34.9	20.8	7:24	16.0	16.2	-
7:25	19.3	17.9	7:25	24.0	21.3	7:25	16.8	16.5	-
7:26	23.5	18.4	7:26	19.5	21.5	7:26	17.3	16.7	-
7:27	23.3	18.8	7:27	23.1	21.9	7:27	20.8	17.2	-
7:28	21.0	18.8	7:28	25.9	22.3	7:28	29.3	18.2	-
7:29	20.3	18.7	7:29	26.6	22.8	7:29	45.0	20.2	-
7:30	20.0	19.0	7:30	26.9	23.1	7:30	30.0	21.3	-
7:31	20.0	19.4	7:31	22.3	23.1	7:31	20.3	21.7	-
7:32	20.5	19.7	7:32	20.3	22.7	7:32	15.8	21.5	-
7:33	24.5	20.2	7:33	33.9	23.7	7:33	16.0	21.2	-
7:34	22.5	20.4	7:34	29.8	24.3	7:34	16.5	20.9	-
7:35	21.5	20.6	7:35	33.5	25.5	7:35	18.5	20.9	-
7:36	23.5	20.9	7:36	29.5	26.3	7:36	16.3	20.8	-
7:37	25.8	21.4	7:37	22.9	26.4	7:37	14.5	20.6	-
7:38	23.8	21.8	7:38	30.0	26.9	7:38	30.0	21.5	-
7:39	21.5	22.1	7:39	26.5	26.3	7:39	52.5	24.0	-
7:40	22.0	22.2	7:40	19.9	26.0	7:40	25.3	24.5	-
7:41	21.3	22.1	7:41	23.8	26.3	7:41	19.3	24.7	-
7:42	21.0	21.9	7:42	20.8	26.2	7:42	15.5	24.3	-
7:43	21.0	21.9	7:43	19.3	25.7	7:43	14.5	23.3	-
7:44	22.0	22.1	7:44	21.5	25.4	7:44	15.0	21.3	-
7:45	36.0	23.1	7:45	24.0	25.2	7:45	15.0	20.3	-
7:46	31.5	23.9	7:46	21.8	25.1	7:46	15.0	20.0	-
7:47	22.3	24.0	7:47	23.4	25.4	7:47	14.0	19.9	-
7:48	23.5	23.9	7:48	26.9	24.9	7:48	13.0	19.7	-
7:49	22.3	23.9	7:49	32.3	25.1	7:49	13.5	19.5	-
7:50	32.5	24.7	7:50	32.4	25.0	7:50	13.0	19.1	-
7:51	34.5	25.4	7:51	26.5	24.8	7:51	13.0	18.9	-
7:52	24.0	25.3	7:52	32.6	25.4	7:52	13.0	18.8	-
7:53	23.0	25.2	7:53	29.4	25.4	7:53	17.5	17.9	-
7:54	23.8	25.4	7:54	22.9	25.1	7:54	26.5	16.2	-
7:55	22.5	25.4	7:55	21.3	25.2	7:55	21.0	15.9	-
7:56	37.0	26.5	7:56	29.5	25.6	7:56	15.8	15.7	-
7:57	33.3	27.3	7:57	26.5	26.0	7:57	13.5	15.6	-
7:58	25.3	27.6	7:58	22.3	26.2	7:58	14.5	15.6	-
7:59	24.5	27.7	7:59	27.5	26.6	7:59	13.5	15.5	-
8:00	26.8	27.1	8:00	54.1	28.6	8:00	14.3	15.4	-
8:01	22.0	26.5	8:01	32.1	29.3	8:01	13.0	15.3	-
8:02	22.5	26.5	8:02	25.4	29.4	8:02	13.0	15.2	-
8:03	23.3	26.5	8:03	28.1	29.5	8:03	13.8	15.3	-
8:04	28.5	26.9	8:04	46.3	30.5	8:04	13.5	15.3	-
8:05	28.5	26.6	8:05	55.6	32.0	8:05	13.8	15.3	-
8:06	27.3	26.1	8:06	33.0	32.4	8:06	13.0	15.3	-
8:07	29.5	26.5	8:07	31.9	32.4	8:07	13.0	15.3	-
8:08	28.5	26.9	8:08	41.1	33.2	8:08	12.0	14.9	-
8:09	29.0	27.2	8:09	24.4	33.3	8:09	12.8	14.0	-
8:10	27.5	27.6	8:10	23.5	33.4	8:10	12.8	13.5	-
8:11	24.3	26.7	8:11	27.4	33.3	8:11	13.0	13.3	-
8:12	24.5	26.1	8:12	25.1	33.2	8:12	14.3	13.3	-

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> )	
8:13	28.3	26.3	8:13	24.5	33.3	8:13	15.0	13.4	-
8:14	34.8	27.0	8:14	28.1	33.4	8:14	13.8	13.4	-
8:15	33.5	27.5	8:15	31.1	31.8	8:15	14.0	13.4	-
8:16	27.8	27.8	8:16	37.4	32.2	8:16	12.5	13.3	-
8:17	28.5	28.2	8:17	25.9	32.2	8:17	12.0	13.3	-
8:18	25.3	28.4	8:18	34.3	32.6	8:18	12.0	13.2	-
8:19	23.8	28.1	8:19	37.8	32.1	8:19	12.8	13.1	-
8:20	22.3	27.6	8:20	40.3	31.0	8:20	13.0	13.1	-
8:21	24.5	27.5	8:21	29.9	30.8	8:21	13.3	13.1	-
8:22	29.3	27.4	8:22	26.9	30.5	8:22	12.8	13.1	-
8:23	33.0	27.7	8:23	47.8	30.9	8:23	13.0	13.1	-
8:24	27.5	27.6	8:24	67.5	33.8	8:24	13.0	13.1	-
8:25	27.5	27.6	8:25	24.5	33.9	8:25	13.0	13.2	-
8:26	28.3	27.9	8:26	23.3	33.6	8:26	14.0	13.2	-
8:27	27.3	28.1	8:27	27.5	33.8	8:27	13.0	13.1	-
8:28	27.8	28.1	8:28	44.5	35.1	8:28	16.8	13.3	-
8:29	29.3	27.7	8:29	48.0	36.4	8:29	15.8	13.4	-
8:30	30.5	27.5	8:30	24.8	36.0	8:30	15.3	13.5	-
8:31	32.8	27.8	8:31	41.3	36.3	8:31	16.3	13.7	-
8:32	34.8	28.2	8:32	26.8	36.3	8:32	19.8	14.2	-
8:33	28.0	28.4	8:33	21.3	35.4	8:33	16.3	14.5	-
8:34	34.0	29.1	8:34	31.0	35.0	8:34	14.8	14.7	-
8:35	32.5	29.8	8:35	24.0	33.9	8:35	20.3	15.1	-
8:36	30.3	30.2	8:36	21.5	33.4	8:36	21.3	15.7	-
8:37	40.8	30.9	8:37	227.0	46.7	8:37	14.0	15.8	-
8:38	38.5	31.3	8:38	203.5	57.1	8:38	12.8	15.7	-
8:39	35.5	31.8	8:39	24.8	54.2	8:39	12.0	15.7	-
8:40	35.0	32.3	8:40	24.3	54.2	8:40	12.3	15.6	-
8:41	36.8	32.9	8:41	20.8	54.1	8:41	12.8	15.5	-
8:42	29.5	33.1	8:42	35.8	54.6	8:42	13.3	15.6	-
8:43	26.3	33.0	8:43	30.5	53.7	8:43	12.8	15.3	-
8:44	28.0	32.9	8:44	20.8	51.9	8:44	12.8	15.1	-
8:45	32.5	33.0	8:45	22.8	51.7	8:45	12.0	14.9	-
8:46	33.5	33.1	8:46	32.0	51.1	8:46	12.5	14.6	-
8:47	40.5	33.4	8:47	24.8	51.0	8:47	12.8	14.2	-
8:48	39.5	34.2	8:48	23.3	51.1	8:48	12.0	13.9	-
8:49	29.3	33.9	8:49	23.0	50.6	8:49	13.0	13.8	-
8:50	25.8	33.4	8:50	26.5	50.7	8:50	13.0	13.3	-
8:51	24.8	33.1	8:51	36.5	51.7	8:51	14.0	12.8	-
8:52	26.3	32.1	8:52	20.0	37.9	8:52	13.5	12.8	-
8:53	29.0	31.5	8:53	21.0	25.8	8:53	15.0	12.9	-
8:54	29.0	31.0	8:54	21.0	25.5	8:54	14.5	13.1	-
8:55	28.0	30.6	8:55	20.8	25.3	8:55	13.3	13.1	-
8:56	30.0	30.1	8:56	21.5	25.3	8:56	13.0	13.2	-
8:57	29.0	30.1	8:57	21.5	24.4	8:57	13.0	13.1	-
8:58	26.5	30.1	8:58	25.8	24.1	8:58	15.5	13.3	-
8:59	23.5	29.8	8:59	24.3	24.3	8:59	16.3	13.6	-
9:00	24.8	29.3	9:00	24.8	24.4	9:00	14.5	13.7	-
9:01	24.8	28.7	9:01	28.8	24.2	9:01	14.0	13.8	-
9:02	30.3	28.0	9:02	30.3	24.6	9:02	14.0	13.9	-
9:03	31.8	27.5	9:03	35.3	25.4	9:03	15.0	14.1	-
9:04	31.5	27.7	9:04	26.3	25.6	9:04	14.3	14.2	-
9:05	29.8	27.9	9:05	27.5	25.7	9:05	14.0	14.3	-
9:06	24.8	27.9	9:06	25.0	24.9	9:06	14.0	14.3	-
9:07	26.0	27.9	9:07	27.0	25.4	9:07	13.0	14.2	-
9:08	27.0	27.8	9:08	36.0	26.4	9:08	12.8	14.1	-
9:09	27.0	27.6	9:09	29.3	26.9	9:09	13.0	14.0	-
9:10	34.5	28.1	9:10	37.0	28.0	9:10	13.3	14.0	-
9:11	25.5	27.8	9:11	39.0	29.2	9:11	16.0	14.2	-
9:12	36.5	28.3	9:12	36.3	30.2	9:12	23.0	14.8	-
9:13	29.0	28.4	9:13	30.0	30.4	9:13	17.0	14.9	-
9:14	24.5	28.5	9:14	34.8	31.1	9:14	17.8	15.0	-
9:15	28.8	28.8	9:15	39.5	32.1	9:15	14.5	15.0	-
9:16	27.5	29.0	9:16	48.5	33.4	9:16	18.8	15.4	-
9:17	22.8	28.5	9:17	42.0	34.2	9:17	17.0	15.6	-
9:18	22.8	27.9	9:18	40.3	34.6	9:18	19.0	15.8	-
9:19	21.3	27.2	9:19	34.5	35.1	9:19	13.3	15.8	-
9:20	22.0	26.7	9:20	23.0	34.8	9:20	12.3	15.6	-
9:21	24.8	26.7	9:21	44.8	36.1	9:21	12.5	15.5	-
9:22	25.5	26.6	9:22	47.5	37.5	9:22	12.0	15.5	-
9:23	23.3	26.4	9:23	33.8	37.3	9:23	13.8	15.5	-
9:24	25.0	26.2	9:24	32.3	37.5	9:24	15.0	15.7	-
9:25	24.5	25.6	9:25	22.0	36.5	9:25	14.3	15.7	-
9:26	31.0	25.9	9:26	49.0	37.2	9:26	14.0	15.6	-
9:27	35.5	25.9	9:27	33.3	37.0	9:27	13.5	15.0	-
9:28	25.5	25.6	9:28	37.3	37.5	9:28	13.5	14.7	-

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> )	
9:29	27.3	25.8	9:29	34.5	37.5	9:29	14.3	14.5	-
9:30	26.0	25.6	9:30	30.3	36.9	9:30	15.0	14.5	-
9:31	29.0	25.7	9:31	32.5	35.8	9:31	15.0	14.3	-
9:32	27.8	26.1	9:32	23.5	34.6	9:32	15.8	14.2	-
9:33	27.5	26.4	9:33	22.5	33.4	9:33	15.0	13.9	-
9:34	27.0	26.8	9:34	31.5	33.2	9:34	15.0	14.1	-
9:35	28.3	27.2	9:35	32.0	33.8	9:35	14.5	14.2	-
9:36	26.8	27.3	9:36	32.3	32.9	9:36	14.0	14.3	-
9:37	25.3	27.3	9:37	32.5	31.9	9:37	15.0	14.5	-
9:38	23.8	27.3	9:38	30.5	31.7	9:38	15.3	14.6	-
9:39	24.0	27.3	9:39	7.8	30.1	9:39	15.8	14.7	-
9:40	24.5	27.3	9:40	29.5	30.6	9:40	13.5	14.6	-
9:41	23.3	26.8	9:41	24.0	28.9	9:41	13.0	14.5	-
9:42	23.5	26.0	9:42	30.5	28.7	9:42	13.0	14.5	-
9:43	22.5	25.8	9:43	37.0	28.7	9:43	12.8	14.5	-
9:44	22.3	25.4	9:44	28.3	28.3	9:44	13.0	14.4	-
9:45	23.8	25.3	9:45	32.5	28.5	9:45	12.3	14.2	-
9:46	21.8	24.8	9:46	31.5	28.4	9:46	12.8	14.0	-
9:47	20.0	24.3	9:47	33.5	29.1	9:47	12.5	13.8	-
9:48	23.8	24.0	9:48	33.5	29.8	9:48	12.8	13.7	-
9:49	27.8	24.1	9:49	30.8	29.7	9:49	14.8	13.7	-
9:50	27.5	24.0	9:50	38.0	30.1	9:50	14.3	13.6	-
9:51	27.5	24.1	9:51	36.8	30.4	9:51	15.8	13.8	-
9:52	26.0	24.1	9:52	37.3	30.8	9:52	12.3	13.6	-
9:53	22.8	24.1	9:53	33.8	31.0	9:53	12.0	13.4	-
9:54	25.8	24.2	9:54	30.0	32.5	9:54	12.0	13.1	-
9:55	29.8	24.5	9:55	34.0	32.8	9:55	12.0	13.0	-
9:56	25.5	24.7	9:56	31.8	33.3	9:56	12.0	12.9	-
9:57	20.3	24.5	9:57	38.0	33.8	9:57	12.0	12.9	-
9:58	22.8	24.5	9:58	40.8	34.0	9:58	11.3	12.8	-
9:59	24.8	24.6	9:59	38.0	34.7	9:59	11.0	12.6	-
10:00	24.3	24.7	10:00	36.3	34.9	10:00	11.0	12.6	-
10:01	19.8	24.5	10:01	43.0	35.7	10:01	11.5	12.5	-
10:02	20.0	24.5	10:02	38.3	36.0	10:02	12.3	12.5	-
10:03	20.0	24.3	10:03	41.3	36.5	10:03	13.5	12.5	-
10:04	21.3	23.9	10:04	36.0	36.9	10:04	12.8	12.4	-
10:05	24.8	23.7	10:05	57.0	38.1	10:05	13.0	12.3	-
10:06	19.5	23.1	10:06	28.3	37.6	10:06	12.5	12.1	-
10:07	19.0	22.7	10:07	33.5	37.3	10:07	13.0	12.1	-
10:08	19.8	22.5	10:08	75.5	40.1	10:08	13.0	12.2	-
10:09	20.8	22.1	10:09	37.3	40.6	10:09	12.3	12.2	-
10:10	25.3	21.8	10:10	34.3	40.6	10:10	12.0	12.2	-
10:11	25.5	21.8	10:11	26.3	40.2	10:11	12.8	12.3	-
10:12	22.3	22.0	10:12	45.0	40.7	10:12	11.3	12.2	-
10:13	22.5	22.0	10:13	28.5	39.9	10:13	11.3	12.2	-
10:14	22.0	21.8	10:14	38.3	39.9	10:14	12.0	12.3	-
10:15	28.3	22.0	10:15	53.3	41.0	10:15	12.0	12.3	-
10:16	19.5	22.0	10:16	40.6	40.9	10:16	12.0	12.4	-
10:17	22.3	22.2	10:17	29.6	40.3	10:17	12.0	12.4	-
10:18	20.8	22.2	10:18	34.0	39.8	10:18	12.0	12.3	-
10:19	18.0	22.0	10:19	34.0	39.7	10:19	12.0	12.2	-
10:20	18.8	21.6	10:20	41.0	38.6	10:20	12.0	12.1	-
10:21	18.8	21.6	10:21	46.5	39.8	10:21	12.0	12.1	-
10:22	19.0	21.6	10:22	41.5	40.4	10:22	12.0	12.0	-
10:23	18.3	21.5	10:23	39.8	38.0	10:23	12.0	12.0	-
10:24	19.3	21.4	10:24	35.8	37.9	10:24	12.0	12.0	-
10:25	19.0	20.9	10:25	26.3	37.3	10:25	12.0	12.0	-
10:26	19.8	20.6	10:26	72.0	40.4	10:26	13.3	12.0	-
10:27	23.8	20.7	10:27	77.5	42.6	10:27	12.8	12.1	-
10:28	32.0	21.3	10:28	57.0	44.5	10:28	12.0	12.1	-
10:29	30.0	21.8	10:29	43.3	44.8	10:29	12.5	12.2	-
10:30	28.5	21.8	10:30	43.3	44.1	10:30	12.5	12.2	-
10:31	24.3	22.2	10:31	43.0	44.3	10:31	12.8	12.3	-
10:32	25.8	22.4	10:32	57.5	46.2	10:32	13.8	12.4	-
10:33	27.5	22.8	10:33	42.0	46.7	10:33	12.5	12.4	-
10:34	26.0	23.4	10:34	39.8	47.1	10:34	12.0	12.4	-
10:35	28.5	24.0	10:35	44.3	47.3	10:35	12.5	12.4	-
10:36	21.5	24.2	10:36	41.5	47.0	10:36	11.8	12.4	-
10:37	20.3	24.3	10:37	38.5	46.8	10:37	12.0	12.4	-
10:38	19.0	24.3	10:38	35.8	46.5	10:38	12.0	12.4	-
10:39	19.0	24.3	10:39	35.0	46.4	10:39	11.8	12.4	-
10:40	19.0	24.3	10:40	27.0	46.5	10:40	12.0	12.4	-
10:41	47.8	26.2	10:41	59.0	45.6	10:41	12.0	12.3	-
10:42	36.0	27.0	10:42	37.5	43.0	10:42	11.8	12.3	-
10:43	22.0	26.3	10:43	65.8	43.5	10:43	11.0	12.2	-
10:44	21.3	25.8	10:44	39.0	43.3	10:44	11.0	12.1	-

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> )	
10:45	21.3	25.3	10:45	25.8	42.1	10:45	11.5	12.0	-
10:46	19.3	24.9	10:46	27.5	41.1	10:46	13.0	12.0	-
10:47	20.5	24.6	10:47	28.5	39.1	10:47	11.3	11.9	-
10:48	26.8	24.5	10:48	39.8	39.0	10:48	11.0	11.8	-
10:49	91.3	28.9	10:49	31.0	38.4	10:49	10.5	11.7	-
10:50	22.3	28.5	10:50	44.3	38.4	10:50	11.0	11.6	-
10:51	31.0	29.1	10:51	43.8	38.5	10:51	12.5	11.6	-
10:52	36.0	30.2	10:52	60.5	40.0	10:52	13.3	11.7	-
10:53	28.5	30.8	10:53	32.8	39.8	10:53	11.0	11.6	-
10:54	22.8	31.0	10:54	37.3	40.0	10:54	10.0	11.5	-
10:55	28.8	31.7	10:55	26.8	39.9	10:55	10.8	11.4	-
10:56	26.8	30.3	10:56	33.8	38.3	10:56	11.3	11.4	-
10:57	27.8	29.7	10:57	32.5	37.9	10:57	11.0	11.3	-
10:58	25.0	29.9	10:58	33.0	35.7	10:58	11.3	11.4	-
10:59	28.0	30.4	10:59	37.8	35.7	10:59	11.8	11.4	-
11:00	22.5	30.5	11:00	37.0	36.4	11:00	11.3	11.4	-
11:01	22.3	30.7	11:01	45.0	37.6	11:01	11.0	11.3	-
11:02	25.5	31.0	11:02	49.5	39.0	11:02	12.0	11.3	-
11:03	23.8	30.8	11:03	25.5	38.0	11:03	12.0	11.4	-
11:04	26.3	26.5	11:04	31.8	38.1	11:04	11.0	11.4	-
11:05	23.0	26.5	11:05	42.8	38.0	11:05	15.8	11.7	-
11:06	29.5	26.4	11:06	33.8	37.3	11:06	12.3	11.7	-
11:07	25.3	25.7	11:07	41.3	36.0	11:07	11.0	11.6	-
11:08	25.5	25.5	11:08	31.0	35.9	11:08	11.0	11.6	-
11:09	24.5	25.6	11:09	28.8	35.3	11:09	10.8	11.6	-
11:10	22.5	25.2	11:10	25.8	35.3	11:10	10.0	11.6	-
11:11	21.2	24.8	11:11	40.8	35.7	11:11	10.0	11.5	-
11:12	21.2	24.4	11:12	28.8	35.5	11:12	10.0	11.4	-
11:13	28.4	24.6	11:13	46.3	36.4	11:13	10.0	11.3	-
11:14	31.4	24.8	11:14	35.5	36.2	11:14	10.8	11.3	-
11:15	33.4	25.6	11:15	29.5	35.7	11:15	11.0	11.2	-
11:16	23.2	25.6	11:16	31.8	34.8	11:16	10.8	11.2	-
11:17	19.2	25.2	11:17	30.3	33.6	11:17	10.8	11.1	-
11:18	18.8	24.9	11:18	30.5	33.9	11:18	10.0	11.0	-
11:19	19.0	24.4	11:19	31.8	33.9	11:19	10.3	11.0	-
11:20	20.4	24.2	11:20	35.8	33.4	11:20	11.0	10.6	-
11:21	23.8	23.9	11:21	34.8	33.5	11:21	10.3	10.5	-
11:22	24.0	23.8	11:22	25.5	32.4	11:22	10.0	10.4	-
11:23	19.2	23.3	11:23	36.3	32.8	11:23	10.0	10.4	-
11:24	16.8	22.8	11:24	23.5	32.4	11:24	11.0	10.4	-
11:25	18.0	22.5	11:25	31.5	32.8	11:25	10.5	10.4	-
11:26	22.8	22.6	11:26	29.5	32.1	11:26	10.0	10.4	-
11:27	25.0	22.9	11:27	39.3	32.8	11:27	10.0	10.4	-
11:28	21.0	22.4	11:28	31.5	31.8	11:28	10.0	10.4	-
11:29	19.2	21.6	11:29	76.3	34.5	11:29	10.5	10.4	-
11:30	17.2	20.5	11:30	53.0	36.1	11:30	11.0	10.4	-
11:31	17.4	20.1	11:31	40.3	36.6	11:31	10.8	10.4	-
11:32	18.0	20.0	11:32	35.3	37.0	11:32	10.3	10.4	-
11:33	18.0	20.0	11:33	35.8	37.3	11:33	11.0	10.4	-
11:34	18.2	19.9	11:34	37.8	37.7	11:34	12.0	10.6	-
11:35	18.2	19.8	11:35	32.5	37.5	11:35	13.0	10.7	-
11:36	17.6	19.4	11:36	29.3	37.1	11:36	12.0	10.8	-
11:37	17.0	18.9	11:37	30.3	37.5	11:37	12.3	11.0	-
11:38	18.0	18.8	11:38	29.3	37.0	11:38	12.8	11.1	-
11:39	18.6	18.9	11:39	28.8	37.3	11:39	11.3	11.2	-
11:40	19.2	19.0	11:40	33.3	37.5	11:40	10.8	11.2	-
11:41	17.0	18.6	11:41	29.8	37.5	11:41	10.5	11.2	-
11:42	16.8	18.1	11:42	30.0	36.9	11:42	10.8	11.3	-
11:43	16.4	17.8	11:43	21.5	36.2	11:43	11.0	11.3	-
11:44	16.8	17.6	11:44	28.5	33.0	11:44	12.0	11.4	-
11:45	17.0	17.6	11:45	30.0	31.5	11:45	12.3	11.5	-
11:46	18.4	17.7	11:46	41.0	31.5	11:46	13.5	11.7	-
11:47	18.0	17.7	11:47	31.3	31.3	11:47	11.0	11.7	-
11:48	18.2	17.7	11:48	29.0	30.8	11:48	13.8	11.9	-
11:49	18.4	17.7	11:49	39.0	30.9	11:49	39.3	13.7	-
11:50	17.8	17.7	11:50	43.5	31.6	11:50	35.0	15.2	-
11:51	22.6	18.0	11:51	34.5	32.0	11:51	16.5	15.5	-
11:52	21.2	18.3	11:52	33.0	32.2	11:52	25.0	16.4	-
11:53	17.6	18.3	11:53	29.0	32.1	11:53	19.5	16.8	-
11:54	18.0	18.2	11:54	28.0	32.1	11:54	15.8	17.1	-
11:55	17.2	18.1	11:55	28.0	31.7	11:55	16.0	17.5	-
11:56	16.8	18.1	11:56	28.3	31.6	11:56	13.8	17.7	-
11:57	17.0	18.1	11:57	28.3	31.5	11:57	17.0	18.1	-
11:58	21.4	18.4	11:58	28.8	32.0	11:58	15.0	18.4	-
11:59	21.2	18.7	11:59	30.0	32.1	11:59	23.0	19.1	-
12:00	25.0	19.3	12:00	52.5	33.6	12:00	30.3	20.3	-

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> )	
12:01	19.0	19.3	12:01	35.5	33.2	12:01	25.8	21.1	-
12:02	18.6	19.3	12:02	22.5	32.7	12:02	15.5	21.4	-
12:03	18.4	19.3	12:03	29.0	32.7	12:03	21.3	21.9	-
12:04	21.6	19.6	12:04	29.8	32.0	12:04	22.0	20.8	-
12:05	22.0	19.8	12:05	41.8	31.9	12:05	13.8	19.3	-
12:06	83.8	23.9	12:06	47.5	32.8	12:06	17.3	19.4	-
12:07	68.2	27.1	12:07	48.8	33.8	12:07	25.0	19.4	-
12:08	19.2	27.2	12:08	32.5	34.1	12:08	15.0	19.1	-
12:09	22.2	27.4	12:09	30.5	34.2	12:09	12.0	18.8	-
12:10	19.8	27.6	12:10	27.8	34.2	12:10	10.0	18.4	-
12:11	21.2	27.9	12:11	30.8	34.4	12:11	10.5	18.2	-
12:12	27.0	28.6	12:12	34.3	34.8	12:12	11.3	17.8	-
12:13	24.8	28.8	12:13	31.8	35.0	12:13	11.5	17.6	-
12:14	21.8	28.8	12:14	32.3	35.1	12:14	11.8	16.9	-
12:15	19.2	28.5	12:15	29.0	33.6	12:15	10.0	15.5	-
12:16	22.4	28.7	12:16	35.3	33.6	12:16	10.3	14.5	-
12:17	20.8	28.8	12:17	36.0	34.5	12:17	10.5	14.1	-
12:18	18.5	28.8	12:18	34.0	34.8	12:18	11.0	13.5	-
12:19	18.8	28.6	12:19	31.8	34.9	12:19	11.0	12.7	-
12:20	24.3	28.8	12:20	31.0	34.2	12:20	13.3	12.7	-
12:21	24.0	24.8	12:21	31.8	33.2	12:21	16.0	12.6	-
12:22	21.8	21.7	12:22	61.3	34.0	12:22	16.8	12.1	-
12:23	20.5	21.8	12:23	45.0	34.8	12:23	14.0	12.0	-
12:24	24.8	22.0	12:24	32.8	35.0	12:24	12.2	12.0	-
12:25	27.8	22.5	12:25	35.3	35.5	12:25	12.4	12.2	-
12:26	21.3	22.5	12:26	45.8	36.5	12:26	13.4	12.4	-
12:27	19.5	22.0	12:27	32.5	36.4	12:27	11.6	12.4	-
12:28	18.8	21.6	12:28	29.8	36.2	12:28	11.4	12.4	-
12:29	20.0	21.5	12:29	42.0	36.9	12:29	12.2	12.4	-
12:30	21.3	21.6	12:30	29.8	36.9	12:30	11.6	12.5	-
12:31	21.0	21.5	12:31	32.3	36.7	12:31	11.8	12.6	-
12:32	21.0	21.5	12:32	29.5	36.3	12:32	11.0	12.6	-
12:33	25.0	22.0	12:33	27.0	35.8	12:33	12.8	12.8	-
12:34	22.5	22.2	12:34	27.0	35.5	12:34	10.4	12.7	-
12:35	24.8	22.3	12:35	20.8	34.8	12:35	9.0	12.4	-
12:36	27.5	22.5	12:36	28.0	34.6	12:36	9.4	12.0	-
12:37	24.3	22.7	12:37	27.8	32.3	12:37	9.2	11.5	-
12:38	22.0	22.8	12:38	29.5	31.3	12:38	10.8	11.3	-
12:39	25.8	22.8	12:39	27.0	30.9	12:39	10.2	11.1	-
12:40	25.3	22.7	12:40	25.8	30.3	12:40	10.0	11.0	-
12:41	25.8	23.0	12:41	26.3	29.0	12:41	9.4	10.7	-
12:42	27.8	23.5	12:42	48.8	30.1	12:42	8.8	10.5	-
12:43	20.8	23.6	12:43	41.5	30.9	12:43	8.8	10.4	-
12:44	25.5	24.0	12:44	29.3	30.0	12:44	8.4	10.1	-
12:45	20.3	23.9	12:45	31.3	30.1	12:45	9.4	10.0	-
12:46	28.0	24.4	12:46	31.3	30.0	12:46	10.2	9.9	-
12:47	28.0	24.9	12:47	38.8	30.7	12:47	12.0	9.9	-
12:48	26.3	25.0	12:48	36.5	31.3	12:48	11.8	9.9	-
12:49	27.8	25.3	12:49	23.0	31.0	12:49	12.8	10.0	-
12:50	30.3	25.7	12:50	32.5	31.8	12:50	24.6	11.1	-
12:51	30.8	25.9	12:51	36.0	32.3	12:51	21.6	11.9	-
12:52	32.0	26.4	12:52	36.5	32.9	12:52	10.0	11.9	-
12:53	22.3	26.4	12:53	32.2	33.1	12:53	11.4	12.0	-
12:54	20.0	26.0	12:54	27.2	33.1	12:54	15.4	12.3	-
12:55	18.0	25.6	12:55	27.3	33.2	12:55	14.8	12.6	-
12:56	31.0	25.9	12:56	30.3	33.5	12:56	12.6	12.8	-
12:57	28.0	25.9	12:57	31.8	32.3	12:57	12.0	13.1	-
12:58	88.8	30.5	12:58	28.0	31.4	12:58	16.0	13.5	-
12:59	52.8	32.3	12:59	42.3	32.3	12:59	11.6	13.7	-
13:00	22.3	32.4	13:00	30.5	32.3	13:00	12.0	13.9	-
13:01	16.3	31.6	13:01	32.0	32.3	13:01	10.6	13.9	-
13:02	18.3	31.0	13:02	37.5	32.2	13:02	9.4	13.8	-
13:03	20.5	30.6	13:03	35.0	32.1	13:03	9.2	13.6	-
13:04	24.3	30.4	13:04	43.8	33.5	13:04	8.6	13.3	-
13:05	15.0	29.3	13:05	26.5	33.1	13:05	10.0	12.3	-
13:06	17.0	28.4	13:06	25.0	32.4	13:06	8.6	11.5	-
13:07	15.5	27.3	13:07	26.8	31.7	13:07	7.4	11.3	-
13:08	14.8	26.8	13:08	26.5	31.3	13:08	9.6	11.2	-
13:09	16.5	26.6	13:09	27.5	31.4	13:09	9.4	10.8	-
13:10	16.3	26.5	13:10	28.3	31.4	13:10	9.0	10.4	-
13:11	15.3	25.4	13:11	26.8	31.2	13:11	9.0	10.2	-
13:12	15.8	24.6	13:12	29.5	31.1	13:12	8.0	9.9	-
13:13	16.0	19.8	13:13	25.0	30.9	13:13	7.4	9.3	-
13:14	15.0	17.2	13:14	27.3	29.9	13:14	7.6	9.1	-
13:15	17.3	16.9	13:15	27.8	29.7	13:15	8.0	8.8	-
13:16	16.8	16.9	13:16	26.3	29.3	13:16	8.6	8.7	-



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> )	
13:17	16.8	16.8	13:17	26.0	28.5	13:17	9.6	8.7	-
13:18	17.5	16.6	13:18	27.0	28.0	13:18	9.3	8.7	-
13:19	17.3	16.2	13:19	25.3	26.8	13:19	8.5	8.7	-
13:20	16.5	16.3	13:20	24.8	26.6	13:20	9.0	8.6	-
13:21	14.0	16.1	13:21	25.5	26.7	13:21	8.8	8.6	-
13:22	13.8	16.0	13:22	24.5	26.5	13:22	8.3	8.7	-
13:23	14.0	15.9	13:23	24.3	26.4	13:23	9.0	8.6	-
13:24	14.0	15.7	13:24	18.5	25.8	13:24	9.0	8.6	-
13:25	16.5	15.8	13:25	25.5	25.6	13:25	9.8	8.6	-
13:26	15.8	15.8	13:26	26.0	25.5	13:26	8.0	8.6	-
13:27	19.0	16.0	13:27	24.3	25.2	13:27	8.0	8.6	-
13:28	17.3	16.1	13:28	24.8	25.2	13:28	7.3	8.6	-
13:29	24.0	16.7	13:29	30.0	25.4	13:29	8.8	8.6	-
13:30	17.5	16.7	13:30	31.5	25.6	13:30	9.0	8.7	-
13:31	15.0	16.6	13:31	27.3	25.7	13:31	8.3	8.7	-
13:32	15.0	16.5	13:32	26.3	25.7	13:32	8.0	8.6	-
13:33	16.3	16.4	13:33	28.0	25.8	13:33	8.0	8.5	-
13:34	14.5	16.2	13:34	28.3	26.0	13:34	11.3	8.7	-
13:35	17.5	16.3	13:35	27.5	26.1	13:35	16.5	9.2	-
13:36	18.3	16.6	13:36	27.0	26.2	13:36	10.5	9.3	-
13:37	15.8	16.7	13:37	25.5	26.3	13:37	9.0	9.4	-
13:38	14.5	16.7	13:38	24.8	26.3	13:38	9.0	9.4	-
13:39	15.5	16.8	13:39	37.0	27.6	13:39	9.3	9.4	-
13:40	14.8	16.7	13:40	29.0	27.8	13:40	8.0	9.3	-
13:41	17.3	16.8	13:41	28.3	28.0	13:41	8.0	9.3	-
13:42	16.3	16.6	13:42	25.0	28.0	13:42	9.8	9.4	-
13:43	15.5	16.5	13:43	23.8	27.9	13:43	14.8	9.9	-
13:44	18.5	16.1	13:44	19.0	27.2	13:44	12.8	10.1	-
13:45	22.8	16.5	13:45	25.8	26.8	13:45	12.0	10.3	-
13:46	19.0	16.8	13:46	29.3	27.0	13:46	13.5	10.7	-
13:47	18.5	17.0	13:47	38.8	27.8	13:47	11.0	10.9	-
13:48	15.8	17.0	13:48	27.3	27.7	13:48	14.8	11.3	-
13:49	15.0	17.0	13:49	24.0	27.5	13:49	18.3	11.8	-
13:50	14.8	16.8	13:50	26.5	27.4	13:50	20.5	12.1	-
13:51	15.5	16.6	13:51	32.8	27.8	13:51	21.3	12.8	-
13:52	27.3	17.4	13:52	49.0	29.3	13:52	26.5	14.0	-
13:53	17.3	17.6	13:53	35.5	30.1	13:53	8.0	13.9	-
13:54	17.5	17.7	13:54	24.3	29.2	13:54	7.3	13.8	-
13:55	16.3	17.8	13:55	28.5	29.2	13:55	8.5	13.8	-
13:56	15.3	17.7	13:56	25.0	29.0	13:56	10.5	14.0	-
13:57	16.8	17.7	13:57	32.8	29.5	13:57	10.3	14.0	-
13:58	17.0	17.8	13:58	37.0	30.4	13:58	10.5	13.7	-
13:59	25.5	18.3	13:59	31.8	31.2	13:59	9.8	13.5	-
14:00	16.3	17.8	14:00	32.5	31.7	14:00	13.3	13.6	-
14:01	14.8	17.6	14:01	22.5	31.2	14:01	12.8	13.5	-
14:02	15.0	17.3	14:02	25.8	30.3	14:02	14.0	13.7	-
14:03	15.5	17.3	14:03	30.0	30.5	14:03	11.3	13.5	-
14:04	16.3	17.4	14:04	27.3	30.7	14:04	8.5	12.9	-
14:05	16.3	17.5	14:05	25.3	30.7	14:05	9.8	12.1	-
14:06	15.8	17.5	14:06	28.0	30.3	14:06	19.3	12.0	-
14:07	14.0	16.6	14:07	33.3	29.3	14:07	18.3	11.5	-
14:08	26.5	17.2	14:08	29.8	28.9	14:08	14.3	11.9	-
14:09	19.8	17.4	14:09	32.3	29.4	14:09	12.0	12.2	-
14:10	16.0	17.4	14:10	37.8	30.1	14:10	10.8	12.3	-
14:11	15.8	17.4	14:11	27.8	30.2	14:11	13.8	12.6	-
14:12	14.0	17.2	14:12	28.3	29.9	14:12	12.5	12.7	-
14:13	15.5	17.1	14:13	27.3	29.3	14:13	11.5	12.8	-
14:14	17.5	16.6	14:14	29.5	29.1	14:14	20.5	13.5	-
14:15	16.8	16.6	14:15	33.5	29.2	14:15	11.0	13.3	-
14:16	16.0	16.7	14:16	22.0	29.2	14:16	11.8	13.3	-
14:17	16.8	16.8	14:17	30.0	29.5	14:17	13.8	13.3	-
14:18	18.5	17.0	14:18	20.3	28.8	14:18	13.8	13.4	-
14:19	19.8	17.3	14:19	27.0	28.8	14:19	14.0	13.8	-
14:20	19.3	17.5	14:20	41.0	29.8	14:20	13.5	14.0	-
14:21	16.5	17.5	14:21	31.0	30.0	14:21	13.5	13.7	-
14:22	17.3	17.7	14:22	28.0	29.7	14:22	14.3	13.4	-
14:23	16.5	17.1	14:23	33.3	29.9	14:23	13.0	13.3	-
14:24	26.5	17.5	14:24	33.5	30.0	14:24	10.3	13.2	-
14:25	29.3	18.4	14:25	77.0	32.6	14:25	11.0	13.2	-
14:26	16.8	18.5	14:26	50.8	34.2	14:26	10.8	13.0	-
14:27	18.5	18.8	14:27	38.8	34.9	14:27	13.0	13.0	-
14:28	18.3	18.9	14:28	44.5	36.0	14:28	10.5	13.0	-
14:29	14.0	18.7	14:29	28.3	35.9	14:29	12.0	12.4	-
14:30	13.8	18.5	14:30	22.8	35.2	14:30	14.0	12.6	-
14:31	13.5	18.3	14:31	25.0	35.4	14:31	13.8	12.7	-
14:32	16.8	18.3	14:32	43.8	36.3	14:32	22.5	13.3	-

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> )	
14:33	13.8	18.0	14:33	37.5	37.5	14:33	14.8	13.4	-
14:34	18.5	17.9	14:34	24.5	37.3	14:34	10.8	13.2	-
14:35	23.0	18.2	14:35	24.5	36.2	14:35	10.5	13.0	-
14:36	13.3	18.0	14:36	24.0	35.7	14:36	9.3	12.7	-
14:37	13.0	17.7	14:37	25.5	35.6	14:37	12.3	12.6	-
14:38	14.0	17.5	14:38	27.0	35.2	14:38	14.5	12.7	-
14:39	13.5	16.7	14:39	35.3	35.3	14:39	10.8	12.7	-
14:40	13.0	15.6	14:40	27.0	31.9	14:40	10.3	12.6	-
14:41	13.3	15.3	14:41	28.3	30.4	14:41	15.8	13.0	-
14:42	14.8	15.1	14:42	26.0	29.6	14:42	16.8	13.2	-
14:43	14.0	14.8	14:43	25.0	28.3	14:43	16.5	13.6	-
14:44	15.0	14.9	14:44	25.3	28.1	14:44	12.3	13.6	-
14:45	15.8	15.0	14:45	20.5	27.9	14:45	10.0	13.4	-
14:46	14.3	15.1	14:46	28.0	28.1	14:46	9.8	13.1	-
14:47	17.5	15.1	14:47	187.3	37.7	14:47	10.5	12.3	-
14:48	15.0	15.2	14:48	53.3	38.8	14:48	11.8	12.1	-
14:49	14.5	14.9	14:49	24.5	38.8	14:49	11.8	12.2	-
14:50	14.5	14.4	14:50	24.0	38.7	14:50	10.5	12.2	-
14:51	13.0	14.3	14:51	28.0	39.0	14:51	13.5	12.5	-
14:52	13.5	14.4	14:52	50.0	40.6	14:52	13.3	12.5	-
14:53	15.5	14.5	14:53	37.0	41.3	14:53	15.5	12.6	-
14:54	13.8	14.5	14:54	120.0	46.9	14:54	20.5	13.2	-
14:55	14.3	14.6	14:55	109.6	52.4	14:55	12.5	13.4	-
14:56	16.8	14.8	14:56	44.4	53.5	14:56	12.0	13.1	-
14:57	21.3	15.2	14:57	33.8	54.0	14:57	12.8	12.9	-
14:58	17.3	15.5	14:58	40.8	55.1	14:58	13.3	12.7	-
14:59	14.8	15.4	14:59	33.2	55.6	14:59	9.5	12.5	-
15:00	13.8	15.3	15:00	20.6	55.6	15:00	10.3	12.5	-
15:01	18.0	15.6	15:01	27.8	55.6	15:01	13.0	12.7	-
15:02	15.5	15.4	15:02	52.4	46.6	15:02	10.3	12.7	-
15:03	15.5	15.5	15:03	49.6	46.4	15:03	8.8	12.5	-
15:04	13.3	15.4	15:04	40.8	47.5	15:04	9.3	12.3	-
15:05	13.8	15.3	15:05	31.8	48.0	15:05	8.0	12.2	-
15:06	14.0	15.4	15:06	40.0	48.8	15:06	7.8	11.8	-
15:07	13.8	15.4	15:07	25.6	47.2	15:07	9.8	11.5	-
15:08	13.5	15.3	15:08	36.4	47.1	15:08	16.3	11.6	-
15:09	13.0	15.2	15:09	31.0	41.2	15:09	22.0	11.7	-
15:10	12.5	15.1	15:10	31.8	36.0	15:10	10.3	11.5	-
15:11	15.5	15.0	15:11	33.0	35.2	15:11	9.8	11.4	-
15:12	16.5	14.7	15:12	71.4	37.7	15:12	8.3	11.1	-
15:13	29.0	15.5	15:13	76.4	40.1	15:13	7.5	10.7	-
15:14	18.3	15.7	15:14	70.6	42.6	15:14	9.0	10.7	-
15:15	14.0	15.7	15:15	65.2	45.6	15:15	9.0	10.6	-
15:16	13.5	15.4	15:16	41.0	46.5	15:16	12.3	10.5	-
15:17	17.3	15.6	15:17	34.2	45.3	15:17	15.5	10.9	-
15:18	16.3	15.6	15:18	24.4	43.6	15:18	10.0	11.0	-
15:19	15.3	15.7	15:19	26.4	42.6	15:19	12.0	11.2	-
15:20	13.8	15.7	15:20	26.4	42.3	15:20	13.3	11.5	-
15:21	16.5	15.9	15:21	26.8	41.4	15:21	14.8	12.0	-
15:22	17.8	16.2	15:22	28.4	41.6	15:22	16.8	12.4	-
15:23	16.5	16.4	15:23	30.4	41.2	15:23	9.3	12.0	-
15:24	15.3	16.5	15:24	27.0	40.9	15:24	8.5	11.1	-
15:25	17.0	16.8	15:25	27.2	40.6	15:25	8.3	10.9	-
15:26	13.0	16.7	15:26	26.2	40.1	15:26	12.3	11.1	-
15:27	13.0	16.4	15:27	25.2	37.1	15:27	31.5	12.7	-
15:28	13.8	15.4	15:28	24.4	33.6	15:28	30.5	14.2	-
15:29	16.3	15.3	15:29	25.4	30.6	15:29	27.5	15.4	-
15:30	22.3	15.8	15:30	24.2	27.8	15:30	20.0	16.2	-
15:31	33.0	17.1	15:31	23.6	26.7	15:31	14.0	16.3	-
15:32	18.5	17.2	15:32	23.0	25.9	15:32	10.0	15.9	-
15:33	16.3	17.2	15:33	23.2	25.9	15:33	9.8	15.9	-
15:34	16.8	17.3	15:34	24.2	25.7	15:34	8.5	15.7	-
15:35	18.0	17.6	15:35	26.8	25.7	15:35	8.0	15.3	-
15:36	15.8	17.5	15:36	40.8	26.7	15:36	8.3	14.9	-
15:37	13.0	17.2	15:37	38.6	27.3	15:37	9.8	14.4	-
15:38	13.0	17.0	15:38	30.0	27.3	15:38	9.0	14.4	-
15:39	13.0	16.8	15:39	31.2	27.6	15:39	10.8	14.5	-
15:40	13.3	16.6	15:40	27.2	27.6	15:40	13.3	14.9	-
15:41	25.0	17.4	15:41	25.0	27.5	15:41	12.3	14.9	-
15:42	32.5	18.7	15:42	24.8	27.5	15:42	9.8	13.4	-
15:43	35.3	20.1	15:43	24.8	27.5	15:43	9.0	12.0	-
15:44	14.8	20.0	15:44	25.0	27.5	15:44	12.5	11.0	-
15:45	13.8	19.5	15:45	25.0	27.5	15:45	9.8	10.3	-
15:46	16.3	18.3	15:46	25.2	27.7	15:46	10.8	10.1	-
15:47	18.5	18.3	15:47	25.0	27.8	15:47	12.3	10.2	-
15:48	21.0	18.7	15:48	26.4	28.0	15:48	10.8	10.3	-

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> )	
15:49	21.0	18.9	15:49	24.4	28.0	15:49	11.8	10.5	-
15:50	15.8	18.8	15:50	28.6	28.1	15:50	11.8	10.8	-
15:51	14.5	18.7	15:51	28.4	27.3	15:51	11.8	11.0	-
15:52	15.0	18.8	15:52	25.2	26.4	15:52	14.8	11.3	-
15:53	17.0	19.1	15:53	24.0	26.0	15:53	14.5	11.7	-
15:54	13.8	19.2	15:54	24.8	25.6	15:54	17.8	12.2	-
15:55	13.8	19.2	15:55	25.8	25.5	15:55	15.0	12.3	-
15:56	13.8	18.4	15:56	25.2	25.5	15:56	23.3	13.0	-
15:57	16.8	17.4	15:57	21.0	25.3	15:57	17.8	13.6	-
15:58	24.8	16.7	15:58	36.2	26.0	15:58	12.0	13.8	-
15:59	16.5	16.8	15:59	28.8	26.3	15:59	9.0	13.5	-
16:00	14.0	16.8	16:00	25.4	26.3	16:00	11.3	13.6	-
16:01	17.0	16.9	16:01	27.8	26.5	16:01	12.3	13.7	-
16:02	27.3	17.5	16:02	25.4	26.5	16:02	9.0	13.5	-
16:03	18.0	17.3	16:03	20.0	26.1	16:03	13.5	13.7	-
16:04	13.5	16.8	16:04	24.0	26.0	16:04	16.8	14.0	-
16:05	17.5	16.9	16:05	24.4	25.8	16:05	11.8	14.0	-
16:06	20.5	17.3	16:06	25.0	25.5	16:06	10.8	14.0	-
16:07	21.3	17.7	16:07	24.6	25.5	16:07	8.8	13.6	-
16:08	20.3	17.9	16:08	25.3	25.6	16:08	9.5	13.2	-
16:09	14.5	18.0	16:09	26.8	25.7	16:09	20.3	13.4	-
16:10	16.5	18.1	16:10	25.0	25.7	16:10	13.3	13.3	-
16:11	15.5	18.3	16:11	25.8	25.7	16:11	8.5	12.3	-
16:12	14.8	18.1	16:12	15.0	25.3	16:12	14.0	12.0	-
16:13	15.8	17.5	16:13	32.5	25.0	16:13	22.5	12.7	-
16:14	15.0	17.4	16:14	26.3	24.9	16:14	22.0	13.6	-
16:15	14.3	17.4	16:15	19.3	24.5	16:15	18.5	14.1	-
16:16	14.5	17.3	16:16	26.0	24.3	16:16	13.3	14.2	-
16:17	13.0	16.3	16:17	26.0	24.4	16:17	10.8	14.3	-
16:18	14.0	16.1	16:18	28.8	25.0	16:18	14.0	14.3	-
16:19	16.3	16.2	16:19	42.8	26.2	16:19	15.0	14.2	-
16:20	20.5	16.4	16:20	34.5	26.9	16:20	19.3	14.7	-
16:21	14.3	16.0	16:21	44.8	28.2	16:21	12.5	14.8	-
16:22	14.0	15.5	16:22	28.5	28.5	16:22	23.5	15.8	-
16:23	16.5	15.3	16:23	27.0	28.6	16:23	22.0	16.6	-
16:24	21.5	15.8	16:24	26.0	28.5	16:24	18.0	16.5	-
16:25	15.0	15.7	16:25	27.0	28.7	16:25	14.8	16.6	-
16:26	14.8	15.6	16:26	35.3	29.3	16:26	59.3	20.0	-
16:27	14.3	15.6	16:27	31.3	30.4	16:27	82.3	24.5	-
16:28	15.0	15.5	16:28	27.3	30.0	16:28	37.5	25.5	-
16:29	18.0	15.7	16:29	170.8	39.7	16:29	27.0	25.8	-
16:30	16.8	15.9	16:30	573.3	76.6	16:30	35.0	26.9	-
16:31	15.0	15.9	16:31	98.0	81.4	16:31	44.8	29.0	-
16:32	14.8	16.0	16:32	81.8	85.1	16:32	33.8	30.6	-
16:33	14.5	16.1	16:33	49.3	86.5	16:33	15.5	30.7	-
16:34	14.0	15.9	16:34	43.8	86.6	16:34	14.3	30.6	-
16:35	55.0	18.2	16:35	68.0	88.8	16:35	11.5	30.1	-
16:36	38.0	19.8	16:36	52.3	89.3	16:36	24.0	30.9	-
16:37	20.0	20.2	16:37	30.0	89.4	16:37	22.8	30.8	-
16:38	21.5	20.5	16:38	30.0	89.6	16:38	18.5	30.6	-
16:39	17.5	20.3	16:39	20.3	89.2	16:39	16.0	30.5	-
16:40	17.0	20.4	16:40	28.8	89.3	16:40	16.0	30.5	-
16:41	19.3	20.7	16:41	28.8	88.9	16:41	38.5	29.2	-
16:42	20.0	21.1	16:42	27.3	88.6	16:42	30.8	25.7	-
16:43	17.5	21.3	16:43	30.0	88.8	16:43	16.5	24.3	-
16:44	16.0	21.1	16:44	29.3	79.4	16:44	13.8	23.4	-
16:45	15.5	21.0	16:45	28.8	43.1	16:45	14.3	22.1	-
16:46	16.0	21.1	16:46	31.0	38.6	16:46	20.0	20.4	-
16:47	19.8	21.4	16:47	31.5	35.3	16:47	9.0	18.8	-
16:48	19.5	21.8	16:48	38.3	34.5	16:48	18.0	18.9	-
16:49	18.5	22.1	16:49	39.3	34.2	16:49	15.0	19.0	-
16:50	18.5	19.6	16:50	28.0	31.6	16:50	10.3	18.9	-
16:51	19.0	18.4	16:51	13.8	29.0	16:51	10.0	18.0	-
16:52	19.0	18.3	16:52	21.0	28.4	16:52	9.5	17.1	-
16:53	18.8	18.1	16:53	27.0	28.2	16:53	9.8	16.5	-
16:54	19.3	18.2	16:54	28.0	28.7	16:54	9.3	16.0	-
16:55	18.3	18.3	16:55	21.0	28.2	16:55	11.0	15.7	-
16:56	19.0	18.3	16:56	60.8	30.3	16:56	11.0	13.9	-
16:57	20.8	18.4	16:57	28.3	30.4	16:57	8.5	12.4	-
16:58	16.5	18.3	16:58	28.3	30.3	16:58	8.3	11.8	-
16:59	28.0	19.1	16:59	28.8	30.2	16:59	9.3	11.5	-
17:00	17.5	19.2	17:00	48.5	31.6	17:00	10.5	11.3	-
17:01	16.0	19.2	17:01	39.8	32.1	17:01	9.8	10.6	-
17:02	16.0	19.0	17:02	28.0	31.9	17:02	8.0	10.5	-

Monday, November 7, 2022									
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =									0
Number of Comparable Data Points =									585
Start Time:									7:03
End Time:									17:02
PID DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
7:03	0.0	-	7:03	-	-	7:03	0.0	-	-
7:04	0.0	-	7:04	-	-	7:04	0.0	-	-
7:05	0.0	-	7:05	-	-	7:05	0.0	-	-
7:06	0.0	-	7:06	-	-	7:06	0.0	-	-
7:07	0.0	-	7:07	0.0	-	7:07	0.0	-	-
7:08	0.0	-	7:08	0.0	-	7:08	0.0	-	-
7:09	0.0	-	7:09	0.0	-	7:09	0.0	-	-
7:10	0.0	-	7:10	0.0	-	7:10	0.0	-	-
7:11	0.0	-	7:11	0.0	-	7:11	0.0	-	-
7:12	0.0	-	7:12	0.0	-	7:12	0.0	-	-
7:13	0.0	-	7:13	0.0	-	7:13	0.0	-	-
7:14	0.0	-	7:14	0.0	-	7:14	0.0	-	-
7:15	0.0	-	7:15	0.0	-	7:15	0.0	-	-
7:16	0.0	-	7:16	0.0	-	7:16	0.0	-	-
7:17	0.0	-	7:17	0.0	-	7:17	0.0	-	-
7:18	0.0	0.0	7:18	0.0	-	7:18	0.0	0.0	-
7:19	0.0	0.0	7:19	0.0	-	7:19	0.0	0.0	-
7:20	0.0	0.0	7:20	0.0	-	7:20	0.0	0.0	-
7:21	0.0	0.0	7:21	0.0	-	7:21	0.0	0.0	-
7:22	0.0	0.0	7:22	0.0	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	0.1	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	0.4	0.0	7:33	0.0	0.0	-
7:34	0.0	0.0	7:34	0.0	0.0	7:34	0.0	0.0	-
7:35	0.0	0.0	7:35	0.0	0.0	7:35	0.0	0.0	-
7:36	0.0	0.0	7:36	0.0	0.0	7:36	0.0	0.0	-
7:37	0.0	0.0	7:37	0.0	0.0	7:37	0.0	0.0	-
7:38	0.0	0.0	7:38	0.0	0.0	7:38	0.0	0.0	-
7:39	0.0	0.0	7:39	0.0	0.0	7:39	0.0	0.0	-
7:40	0.0	0.0	7:40	0.0	0.0	7:40	0.0	0.0	-
7:41	0.0	0.0	7:41	0.0	0.0	7:41	0.0	0.0	-
7:42	0.0	0.0	7:42	0.0	0.0	7:42	0.0	0.0	-
7:43	0.0	0.0	7:43	0.0	0.0	7:43	0.0	0.0	-
7:44	0.0	0.0	7:44	0.0	0.0	7:44	0.0	0.0	-
7:45	0.0	0.0	7:45	0.0	0.0	7:45	0.0	0.0	-
7:46	0.0	0.0	7:46	0.0	0.0	7:46	0.0	0.0	-
7:47	0.0	0.0	7:47	0.0	0.0	7:47	0.0	0.0	-
7:48	0.0	0.0	7:48	0.0	0.0	7:48	0.0	0.0	-
7:49	0.0	0.0	7:49	0.0	0.0	7:49	0.0	0.0	-
7:50	0.0	0.0	7:50	0.0	0.0	7:50	0.0	0.0	-
7:51	0.0	0.0	7:51	0.0	0.0	7:51	0.0	0.0	-
7:52	0.0	0.0	7:52	0.0	0.0	7:52	0.0	0.0	-
7:53	0.0	0.0	7:53	0.0	0.0	7:53	0.0	0.0	-
7:54	0.0	0.0	7:54	0.0	0.0	7:54	0.0	0.0	-
7:55	0.0	0.0	7:55	0.0	0.0	7:55	0.0	0.0	-
7:56	0.0	0.0	7:56	0.0	0.0	7:56	0.0	0.0	-
7:57	0.0	0.0	7:57	0.0	0.0	7:57	0.0	0.0	-
7:58	0.0	0.0	7:58	0.0	0.0	7:58	0.0	0.0	-
7:59	0.0	0.0	7:59	0.0	0.0	7:59	0.0	0.0	-
8:00	0.0	0.0	8:00	0.0	0.0	8:00	0.0	0.0	-
8:01	0.0	0.0	8:01	0.0	0.0	8:01	0.0	0.0	-
8:02	0.0	0.0	8:02	0.0	0.0	8:02	0.0	0.0	-
8:03	0.0	0.0	8:03	0.0	0.0	8:03	0.0	0.0	-
8:04	0.0	0.0	8:04	0.0	0.0	8:04	0.0	0.0	-
8:05	0.0	0.0	8:05	0.0	0.0	8:05	0.0	0.0	-
8:06	0.0	0.0	8:06	0.0	0.0	8:06	0.0	0.0	-
8:07	0.0	0.0	8:07	0.0	0.0	8:07	0.0	0.0	-
8:08	0.0	0.0	8:08	0.0	0.0	8:08	0.0	0.0	-
8:09	0.0	0.0	8:09	0.0	0.0	8:09	0.0	0.0	-
8:10	0.0	0.0	8:10	0.0	0.0	8:10	0.0	0.0	-
8:11	0.0	0.0	8:11	0.0	0.0	8:11	0.0	0.0	-
8:12	0.0	0.0	8:12	0.0	0.0	8:12	0.0	0.0	-
8:13	0.0	0.0	8:13	0.0	0.0	8:13	0.0	0.0	-

PID DATA									
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)	
8:14	0.0	0.0	8:14	0.0	0.0	8:14	0.0	0.0	-
8:15	0.0	0.0	8:15	0.0	0.0	8:15	0.0	0.0	-
8:16	0.0	0.0	8:16	0.0	0.0	8:16	0.0	0.0	-
8:17	0.0	0.0	8:17	0.0	0.0	8:17	0.0	0.0	-
8:18	0.0	0.0	8:18	0.0	0.0	8:18	0.0	0.0	-
8:19	0.0	0.0	8:19	0.0	0.0	8:19	0.0	0.0	-
8:20	0.0	0.0	8:20	0.0	0.0	8:20	0.0	0.0	-
8:21	0.0	0.0	8:21	0.0	0.0	8:21	0.0	0.0	-
8:22	0.0	0.0	8:22	0.0	0.0	8:22	0.0	0.0	-
8:23	0.0	0.0	8:23	0.0	0.0	8:23	0.0	0.0	-
8:24	0.0	0.0	8:24	0.0	0.0	8:24	0.0	0.0	-
8:25	0.0	0.0	8:25	0.0	0.0	8:25	0.0	0.0	-
8:26	0.0	0.0	8:26	0.0	0.0	8:26	0.0	0.0	-
8:27	0.0	0.0	8:27	0.0	0.0	8:27	0.0	0.0	-
8:28	0.0	0.0	8:28	0.0	0.0	8:28	0.0	0.0	-
8:29	0.0	0.0	8:29	0.0	0.0	8:29	0.0	0.0	-
8:30	0.0	0.0	8:30	0.0	0.0	8:30	0.0	0.0	-
8:31	0.0	0.0	8:31	0.0	0.0	8:31	0.0	0.0	-
8:32	0.0	0.0	8:32	0.0	0.0	8:32	0.0	0.0	-
8:33	0.0	0.0	8:33	0.0	0.0	8:33	0.0	0.0	-
8:34	0.0	0.0	8:34	0.0	0.0	8:34	0.0	0.0	-
8:35	0.0	0.0	8:35	0.0	0.0	8:35	0.0	0.0	-
8:36	0.0	0.0	8:36	0.0	0.0	8:36	0.0	0.0	-
8:37	0.0	0.0	8:37	0.0	0.0	8:37	0.0	0.0	-
8:38	0.0	0.0	8:38	0.0	0.0	8:38	0.0	0.0	-
8:39	0.0	0.0	8:39	0.0	0.0	8:39	0.0	0.0	-
8:40	0.0	0.0	8:40	0.0	0.0	8:40	0.0	0.0	-
8:41	0.0	0.0	8:41	0.0	0.0	8:41	0.0	0.0	-
8:42	0.0	0.0	8:42	0.0	0.0	8:42	0.0	0.0	-
8:43	0.0	0.0	8:43	0.0	0.0	8:43	0.0	0.0	-
8:44	0.0	0.0	8:44	0.0	0.0	8:44	0.0	0.0	-
8:45	0.0	0.0	8:45	0.0	0.0	8:45	0.0	0.0	-
8:46	0.0	0.0	8:46	0.0	0.0	8:46	0.0	0.0	-
8:47	0.0	0.0	8:47	0.0	0.0	8:47	0.0	0.0	-
8:48	0.0	0.0	8:48	0.0	0.0	8:48	0.0	0.0	-
8:49	0.0	0.0	8:49	0.0	0.0	8:49	0.0	0.0	-
8:50	0.0	0.0	8:50	0.0	0.0	8:50	0.0	0.0	-
8:51	0.0	0.0	8:51	0.0	0.0	8:51	0.0	0.0	-
8:52	0.0	0.0	8:52	0.0	0.0	8:52	0.0	0.0	-
8:53	0.0	0.0	8:53	0.0	0.0	8:53	0.0	0.0	-
8:54	0.0	0.0	8:54	0.0	0.0	8:54	0.0	0.0	-
8:55	0.0	0.0	8:55	0.0	0.0	8:55	0.0	0.0	-
8:56	0.0	0.0	8:56	0.0	0.0	8:56	0.0	0.0	-
8:57	0.0	0.0	8:57	0.0	0.0	8:57	0.0	0.0	-
8:58	0.0	0.0	8:58	0.0	0.0	8:58	0.0	0.0	-
8:59	0.0	0.0	8:59	0.0	0.0	8:59	0.0	0.0	-
9:00	0.0	0.0	9:00	0.0	0.0	9:00	0.0	0.0	-
9:01	0.0	0.0	9:01	0.0	0.0	9:01	0.0	0.0	-
9:02	0.0	0.0	9:02	0.0	0.0	9:02	0.0	0.0	-
9:03	0.0	0.0	9:03	0.0	0.0	9:03	0.0	0.0	-
9:04	0.0	0.0	9:04	0.0	0.0	9:04	0.0	0.0	-
9:05	0.0	0.0	9:05	0.0	0.0	9:05	0.0	0.0	-
9:06	0.0	0.0	9:06	0.0	0.0	9:06	0.0	0.0	-
9:07	0.0	0.0	9:07	0.0	0.0	9:07	0.0	0.0	-
9:08	0.0	0.0	9:08	0.0	0.0	9:08	0.0	0.0	-
9:09	0.0	0.0	9:09	0.0	0.0	9:09	0.0	0.0	-
9:10	0.0	0.0	9:10	0.0	0.0	9:10	0.0	0.0	-
9:11	0.0	0.0	9:11	0.0	0.0	9:11	0.0	0.0	-
9:12	0.0	0.0	9:12	0.0	0.0	9:12	0.0	0.0	-
9:13	0.0	0.0	9:13	0.0	0.0	9:13	0.0	0.0	-
9:14	0.0	0.0	9:14	0.0	0.0	9:14	0.0	0.0	-
9:15	0.0	0.0	9:15	0.0	0.0	9:15	0.0	0.0	-
9:16	0.0	0.0	9:16	0.0	0.0	9:16	0.0	0.0	-
9:17	0.0	0.0	9:17	0.0	0.0	9:17	0.0	0.0	-
9:18	0.0	0.0	9:18	0.0	0.0	9:18	0.0	0.0	-
9:19	0.0	0.0	9:19	0.0	0.0	9:19	0.0	0.0	-
9:20	0.0	0.0	9:20	0.0	0.0	9:20	0.0	0.0	-
9:21	0.0	0.0	9:21	0.0	0.0	9:21	0.0	0.0	-
9:22	0.0	0.0	9:22	0.0	0.0	9:22	0.0	0.0	-
9:23	0.0	0.0	9:23	0.0	0.0	9:23	0.0	0.0	-
9:24	0.0	0.0	9:24	0.0	0.0	9:24	0.0	0.0	-
9:25	0.0	0.0	9:25	0.0	0.0	9:25	0.0	0.0	-
9:26	0.0	0.0	9:26	0.0	0.0	9:26	0.0	0.0	-
9:27	0.0	0.0	9:27	0.0	0.0	9:27	0.0	0.0	-
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	0.6	0.0	9:29	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)	
9:30	0.0	0.0	9:30	0.0	0.0	9:30	0.0	0.0	-
9:31	0.0	0.0	9:31	0.0	0.0	9:31	0.0	0.0	-
9:32	0.0	0.0	9:32	0.0	0.0	9:32	0.0	0.0	-
9:33	0.0	0.0	9:33	0.0	0.0	9:33	0.0	0.0	-
9:34	0.0	0.0	9:34	0.0	0.0	9:34	0.0	0.0	-
9:35	0.0	0.0	9:35	0.0	0.0	9:35	0.0	0.0	-
9:36	0.0	0.0	9:36	0.0	0.0	9:36	0.0	0.0	-
9:37	0.0	0.0	9:37	0.0	0.0	9:37	0.0	0.0	-
9:38	0.0	0.0	9:38	0.0	0.0	9:38	0.0	0.0	-
9:39	0.0	0.0	9:39	0.0	0.0	9:39	0.0	0.0	-
9:40	0.0	0.0	9:40	0.0	0.0	9:40	0.0	0.0	-
9:41	0.0	0.0	9:41	0.0	0.0	9:41	0.0	0.0	-
9:42	0.0	0.0	9:42	0.0	0.0	9:42	0.0	0.0	-
9:43	0.0	0.0	9:43	0.0	0.0	9:43	0.0	0.0	-
9:44	0.0	0.0	9:44	0.0	0.0	9:44	0.0	0.0	-
9:45	0.0	0.0	9:45	0.0	0.0	9:45	0.0	0.0	-
9:46	0.0	0.0	9:46	0.0	0.0	9:46	0.0	0.0	-
9:47	0.0	0.0	9:47	0.0	0.0	9:47	0.0	0.0	-
9:48	0.0	0.0	9:48	0.0	0.0	9:48	0.0	0.0	-
9:49	0.0	0.0	9:49	0.0	0.0	9:49	0.0	0.0	-
9:50	0.0	0.0	9:50	0.0	0.0	9:50	0.0	0.0	-
9:51	0.0	0.0	9:51	0.0	0.0	9:51	0.0	0.0	-
9:52	0.0	0.0	9:52	0.0	0.0	9:52	0.0	0.0	-
9:53	0.0	0.0	9:53	0.0	0.0	9:53	0.0	0.0	-
9:54	0.0	0.0	9:54	0.0	0.0	9:54	0.0	0.0	-
9:55	0.0	0.0	9:55	0.0	0.0	9:55	0.0	0.0	-
9:56	0.0	0.0	9:56	0.0	0.0	9:56	0.0	0.0	-
9:57	0.0	0.0	9:57	0.0	0.0	9:57	0.0	0.0	-
9:58	0.0	0.0	9:58	0.0	0.0	9:58	0.0	0.0	-
9:59	0.0	0.0	9:59	0.0	0.0	9:59	0.0	0.0	-
10:00	0.0	0.0	10:00	0.0	0.0	10:00	0.0	0.0	-
10:01	0.0	0.0	10:01	0.0	0.0	10:01	0.0	0.0	-
10:02	0.0	0.0	10:02	0.0	0.0	10:02	0.0	0.0	-
10:03	0.0	0.0	10:03	0.0	0.0	10:03	0.0	0.0	-
10:04	0.0	0.0	10:04	0.0	0.0	10:04	0.0	0.0	-
10:05	0.0	0.0	10:05	0.0	0.0	10:05	0.0	0.0	-
10:06	0.0	0.0	10:06	0.0	0.0	10:06	0.0	0.0	-
10:07	0.0	0.0	10:07	0.0	0.0	10:07	0.0	0.0	-
10:08	0.0	0.0	10:08	0.0	0.0	10:08	0.0	0.0	-
10:09	0.0	0.0	10:09	0.0	0.0	10:09	0.0	0.0	-
10:10	0.0	0.0	10:10	0.0	0.0	10:10	0.0	0.0	-
10:11	0.0	0.0	10:11	0.0	0.0	10:11	0.0	0.0	-
10:12	0.0	0.0	10:12	0.0	0.0	10:12	0.0	0.0	-
10:13	0.0	0.0	10:13	0.0	0.0	10:13	0.0	0.0	-
10:14	0.0	0.0	10:14	0.0	0.0	10:14	0.0	0.0	-
10:15	0.0	0.0	10:15	0.0	0.0	10:15	0.0	0.0	-
10:16	0.0	0.0	10:16	0.0	0.0	10:16	0.0	0.0	-
10:17	0.0	0.0	10:17	0.0	0.0	10:17	0.0	0.0	-
10:18	0.0	0.0	10:18	0.0	0.0	10:18	0.0	0.0	-
10:19	0.0	0.0	10:19	0.0	0.0	10:19	0.0	0.0	-
10:20	0.0	0.0	10:20	0.0	0.0	10:20	0.0	0.0	-
10:21	0.0	0.0	10:21	0.0	0.0	10:21	0.0	0.0	-
10:22	0.0	0.0	10:22	0.0	0.0	10:22	0.0	0.0	-
10:23	0.0	0.0	10:23	0.0	0.0	10:23	0.0	0.0	-
10:24	0.0	0.0	10:24	0.0	0.0	10:24	0.0	0.0	-
10:25	0.0	0.0	10:25	0.0	0.0	10:25	0.0	0.0	-
10:26	0.0	0.0	10:26	0.0	0.0	10:26	0.0	0.0	-
10:27	0.0	0.0	10:27	0.0	0.0	10:27	0.0	0.0	-
10:28	0.0	0.0	10:28	0.0	0.0	10:28	0.0	0.0	-
10:29	0.0	0.0	10:29	0.0	0.0	10:29	0.0	0.0	-
10:30	0.0	0.0	10:30	0.0	0.0	10:30	0.0	0.0	-
10:31	0.0	0.0	10:31	0.0	0.0	10:31	0.0	0.0	-
10:32	0.0	0.0	10:32	0.0	0.0	10:32	0.0	0.0	-
10:33	0.0	0.0	10:33	0.0	0.0	10:33	0.0	0.0	-
10:34	0.0	0.0	10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.0	0.0	10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.0	0.0	10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.0	0.0	10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.0	0.0	10:38	0.0	0.0	10:38	0.0	0.0	-
10:39	0.0	0.0	10:39	0.0	0.0	10:39	0.0	0.0	-
10:40	0.0	0.0	10:40	0.0	0.0	10:40	0.0	0.0	-
10:41	0.0	0.0	10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.0	0.0	10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.0	0.0	10:43	0.0	0.0	10:43	0.0	0.0	-
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	-











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)	
15:50	0.0	0.0	15:50	0.0	0.0	15:50	0.0	0.0	-
15:51	0.0	0.0	15:51	0.0	0.0	15:51	0.0	0.0	-
15:52	0.0	0.0	15:52	0.0	0.0	15:52	0.0	0.0	-
15:53	0.3	0.0	15:53	0.0	0.0	15:53	0.0	0.0	-
15:54	0.0	0.0	15:54	0.0	0.0	15:54	0.0	0.0	-
15:55	0.0	0.0	15:55	0.0	0.0	15:55	0.0	0.0	-
15:56	0.0	0.0	15:56	0.0	0.0	15:56	0.0	0.0	-
15:57	0.0	0.0	15:57	0.0	0.0	15:57	0.0	0.0	-
15:58	0.0	0.0	15:58	0.0	0.0	15:58	0.0	0.0	-
15:59	0.0	0.0	15:59	0.0	0.0	15:59	0.0	0.0	-
16:00	0.0	0.0	16:00	0.0	0.0	16:00	0.0	0.0	-
16:01	0.0	0.0	16:01	0.0	0.0	16:01	0.0	0.0	-
16:02	0.0	0.0	16:02	0.0	0.0	16:02	0.0	0.0	-
16:03	0.0	0.0	16:03	0.0	0.0	16:03	0.0	0.0	-
16:04	0.0	0.0	16:04	0.0	0.0	16:04	0.0	0.0	-
16:05	0.0	0.0	16:05	0.0	0.0	16:05	0.0	0.0	-
16:06	0.0	0.0	16:06	0.0	0.0	16:06	0.0	0.0	-
16:07	0.0	0.0	16:07	0.0	0.0	16:07	0.0	0.0	-
16:08	0.0	0.0	16:08	0.0	0.0	16:08	0.0	0.0	-
16:09	0.0	0.0	16:09	0.0	0.0	16:09	0.0	0.0	-
16:10	0.0	0.0	16:10	0.0	0.0	16:10	0.0	0.0	-
16:11	0.0	0.0	16:11	0.0	0.0	16:11	0.0	0.0	-
16:12	0.0	0.0	16:12	0.3	0.0	16:12	0.0	0.0	-
16:13	0.0	0.0	16:13	0.0	0.0	16:13	0.0	0.0	-
16:14	0.0	0.0	16:14	0.0	0.0	16:14	0.0	0.0	-
16:15	0.0	0.0	16:15	0.0	0.0	16:15	0.0	0.0	-
16:16	0.0	0.0	16:16	0.0	0.0	16:16	0.0	0.0	-
16:17	0.0	0.0	16:17	0.0	0.0	16:17	0.0	0.0	-
16:18	0.0	0.0	16:18	0.0	0.0	16:18	0.0	0.0	-
16:19	0.0	0.0	16:19	0.0	0.0	16:19	0.0	0.0	-
16:20	0.0	0.0	16:20	0.0	0.0	16:20	0.0	0.0	-
16:21	0.0	0.0	16:21	0.0	0.0	16:21	0.0	0.0	-
16:22	0.0	0.0	16:22	0.0	0.0	16:22	0.0	0.0	-
16:23	0.0	0.0	16:23	0.0	0.0	16:23	0.0	0.0	-
16:24	0.0	0.0	16:24	0.0	0.0	16:24	0.0	0.0	-
16:25	0.0	0.0	16:25	0.0	0.0	16:25	0.0	0.0	-
16:26	0.0	0.0	16:26	0.0	0.0	16:26	0.0	0.0	-
16:27	0.0	0.0	16:27	0.0	0.0	16:27	0.0	0.0	-
16:28	0.0	0.0	16:28	0.0	0.0	16:28	0.0	0.0	-
16:29	0.0	0.0	16:29	0.0	0.0	16:29	0.0	0.0	-
16:30	0.0	0.0	16:30	0.0	0.0	16:30	0.0	0.0	-
16:31	0.0	0.0	16:31	0.0	0.0	16:31	0.0	0.0	-
16:32	0.0	0.0	16:32	0.0	0.0	16:32	0.0	0.0	-
16:33	0.0	0.0	16:33	0.0	0.0	16:33	0.0	0.0	-
16:34	0.0	0.0	16:34	0.0	0.0	16:34	0.0	0.0	-
16:35	0.0	0.0	16:35	0.0	0.0	16:35	0.0	0.0	-
16:36	0.0	0.0	16:36	0.0	0.0	16:36	0.0	0.0	-
16:37	0.0	0.0	16:37	0.0	0.0	16:37	0.0	0.0	-
16:38	0.0	0.0	16:38	0.0	0.0	16:38	0.0	0.0	-
16:39	0.0	0.0	16:39	0.0	0.0	16:39	0.0	0.0	-
16:40	0.0	0.0	16:40	0.0	0.0	16:40	0.0	0.0	-
16:41	0.0	0.0	16:41	0.0	0.0	16:41	0.0	0.0	-
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	-
16:57	0.0	0.0	16:57	0.0	0.0	16:57	0.0	0.0	-
16:58	0.0	0.0	16:58	0.0	0.0	16:58	0.0	0.0	-
16:59	0.0	0.0	16:59	0.0	0.0	16:59	0.0	0.0	-
17:00	0.0	0.0	17:00	0.0	0.0	17:00	0.0	0.0	-
17:01	0.0	0.0	17:01	0.0	0.0	17:01	0.0	0.0	-
17:02	0.0	0.0	17:02	0.0	0.0	17:02	0.0	0.0	-