

LANGAN SITE OBSERVATION REPORT – Day 144

CLIENT: Gowanus Canal LLC and GowCan Owner, LLC	DATE: Thursday, March 2, 2023
PROJECT No.: 170295301	WEATHER: Cloudy, 41 to 54°F Wind: WNW @ 1 – 6 mph
PROJECT: Gowanus Canal Northside	TIME: 07:00 – 17:00
LOCATION: Brooklyn, New York	BCP SITE ID: C224080
EQUIPMENT: Komatsu PC 490 Excavator Junttan PM20/25 Drill Rig Komatsu PC 240 Excavator JLG HC3 Boom Lift Komatsu PC 78 US Excavator Dynapac CA150 Compactor APE Model 23.2 Vibratory Hammer Komatsu Wheel Loader Junttan PM20US Drill Rig	PRESENT AT SITE: Langan: Brian Kenneally (Environmental), Ahmed Mahmoud (Geotechnical) Urban Atelier Group (UAG): Seth Anderson Kingdom Associates, Inc. (Kingdom): George Minchala TT Mechanical Corp. (TT Mechanical): Damien Sokol New York State Department of Environmental Conservation (NYSDEC): Sunlei Yang Manhattan Concrete: Mark Vutajek G&M Works Landscape Construction (G&M): Gino Latona

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved March 24, 2022 Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) Site No. C224080. Site Map 1 presents the Society Brooklyn and Sackett Place developments, which together comprise the BCP site.

Site Activities

- Kingdom exported non-hazardous historic fill/soil from waste characterization cell WC03 (WC03_COMP_5-10 and WC03_COMP_10-15) using permitted tri-axle trucks for off-site disposal. See material tracking section for details.
- Kingdom imported 6 truckloads of ASTM #5 virgin quarry stone. See material tracking section for details.
- G&M imported 2 truckloads of 0.75-inch crushed stone. The stone was used to repair the stabilized construction entrance. See material tracking section for details.
- Kingdom excavated an about 20-foot-long by 5-foot-wide area to about 3 feet below grade surface (bgs) to install foundation pile formwork in the northern part of Sackett Place. Excavated material consisted of historic fill.
 - Excavated historic fill was screened for odor, staining, and organic vapor using a photoionization detector (PID). Evidence of impacts including a petroleum-like odor, staining, and a maximum PID reading of 15.7 parts per million (ppm) was observed.
 - The excavated historic fill was stockpiled in the central part of Sackett Place on top of and covered with polyethylene sheeting pending future off-site disposal.
- Kingdom excavated an about 15-foot-long by 5-foot-wide area to about 1-foot bgs to install foundation pile formwork in the northeastern part of Sackett Place. Excavated material consisted of historic fill.
 - Excavated historic fill was screened for odor, staining, and organic vapor using a PID. No impacts were observed.
 - The excavated historic fill was stockpiled in the northeastern part of Sackett Place on top of and covered with polyethylene sheeting pending future off-site disposal.

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	Langan, D.P.C.

- Kingdom excavated an about 15-foot-long by 3-foot-wide area to about 3-feet bgs to install utilities in the western part of Sackett Place. Excavated material consisted of historic fill and construction and demolition (C&D) debris.
 - Excavated historic fill was screened for odor, staining, and organic vapor using a PID. No impacts were observed.
 - The excavated historic fill was stockpiled in the western part of Sackett Place on top of and covered with polyethylene sheeting pending future off-site disposal.
 - The excavated C&D debris was stockpiled in the central part of Sackett Place pending future off-site disposal.
- Kingdom excavated an about 10-foot-long by 3-foot-wide area to about 3 feet bgs to install utilities in the western part of Sackett Place. Excavated material consisted of historic fill.
 - Excavated historic fill was screened for odor, staining, and organic vapor using a PID. No impacts were observed.
 - The excavated historic fill was stockpiled in the western part of Sackett Place on top of and covered with polyethylene sheeting.
- Kingdom installed formwork for structural pile caps in the northeastern part of Sackett Place.
- G&M demolished the Sackett Street sidewalk within the Sackett Street right-of-way outside of the BCP boundary as part of development-related construction. This work is not part of RAWP implementation.
 - The demolished C&D debris was temporarily stockpiled in the northeastern part of Sackett Place pending future off-site disposal.
 - Kingdom backfilled the area with imported 0.75-inch crushed stone.

Import and Export Tracking

- Kingdom exported 1 truckload of non-hazardous historic fill from waste characterization cell WC03 (WC03_COMP_5-10 and WC03_COMP_10-15) to Bayshore Soil Management (BSM) in Keasbey, NJ.
- Kingdom imported 6 truckloads of ASTM #5 virgin quarry stone from Tilcon New York Inc.'s Mt. Hope quarry in Wharton, NJ.
- G&M imported 2 truckloads of 0.75-inch crushed stone from the Impact Environmental facility in Lyndhurst, NJ.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	1	721
	Quantity (CY)	20	14,420
Bayshore Soil Management Keasbey, NJ Non-Hazardous MGP-Impacted Soil/Fill	No. Loads	0	79
	Quantity (CY)	0	1,580
Phase III Environmental Palmerton, PA Non-Hazardous Soil/Fill	No. Loads	0	53
	Quantity (CY)	0	1,060

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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	9
		Quantity (CY)	0	180
87 19 th Avenue Astoria, NY 2.5-inch Stone	2,000	No. Loads	0	28
		Quantity (CY)	0	590
Impact Environmental Jersey City, NJ 0.5-inch Crushed Stone	5,000	No. Loads	0	166
		Quantity (CY)	0	3,320
Impact Environmental Lyndhurst, NJ 0.75-inch Crushed Stone	4,000	No. Loads	2	22
		Quantity (CY)	40	40
Tilcon New York Inc. Wharton, NJ ASTM #5	3,500	No. Loads	6	20
		Quantity (CY)	120	400

Sampling

- No samples were collected.

Community Air Monitoring

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

Anticipated Activities

- Kingdom will continue to install support of excavation (SOE) elements at Society Brooklyn and Sackett Place.
- Kingdom will continue excavation for structural pile cap installation at Society Brooklyn and Sackett Place.
- Kingdom will continue excavation for the northern cellar at Society Brooklyn.
- Kingdom will continue excavation for utilities at Society Brooklyn and Sackett Place.
- Kingdom will continue to install submembrane depressurization (SMD) system components at Society Brooklyn.

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Site Photographs:



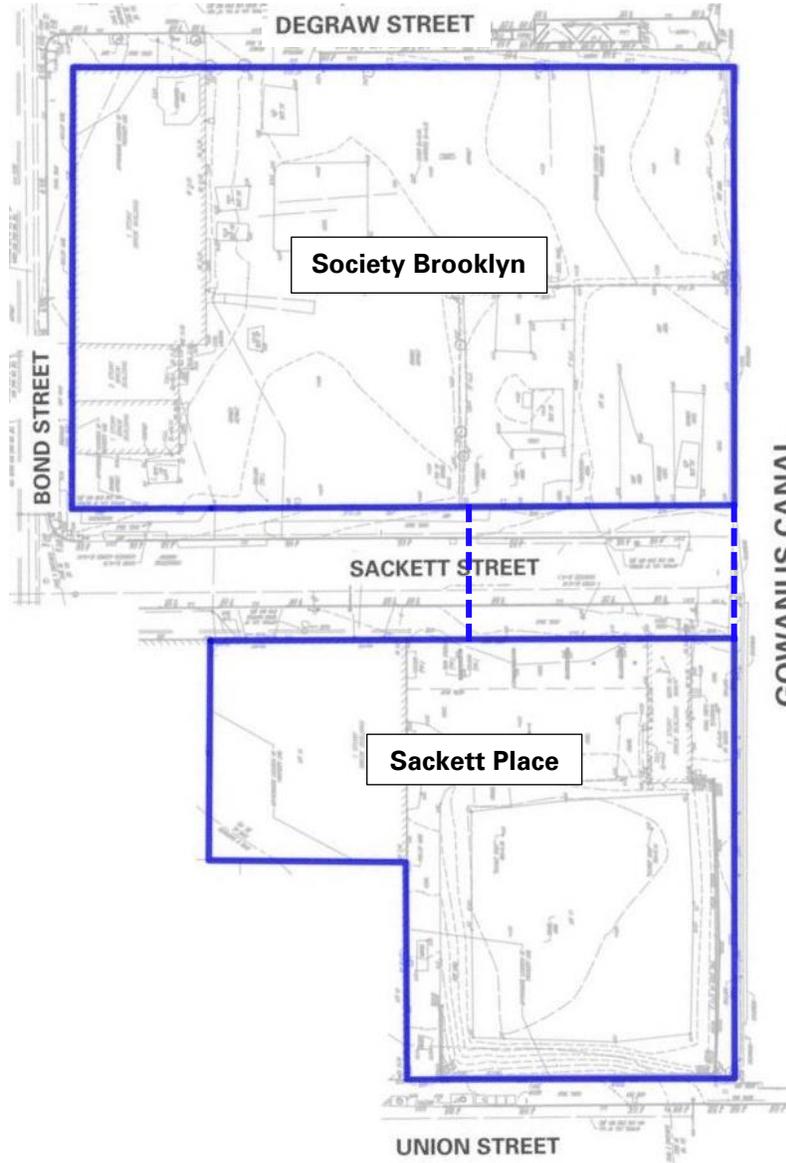
Photo 1: Kingdom installing formwork in the northeastern part of Sackett Place (facing northeast)



Photo 2: Kingdom excavating to install formwork in the northeastern part of Sackett Place (facing south)

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Site Map 1:



Legend

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

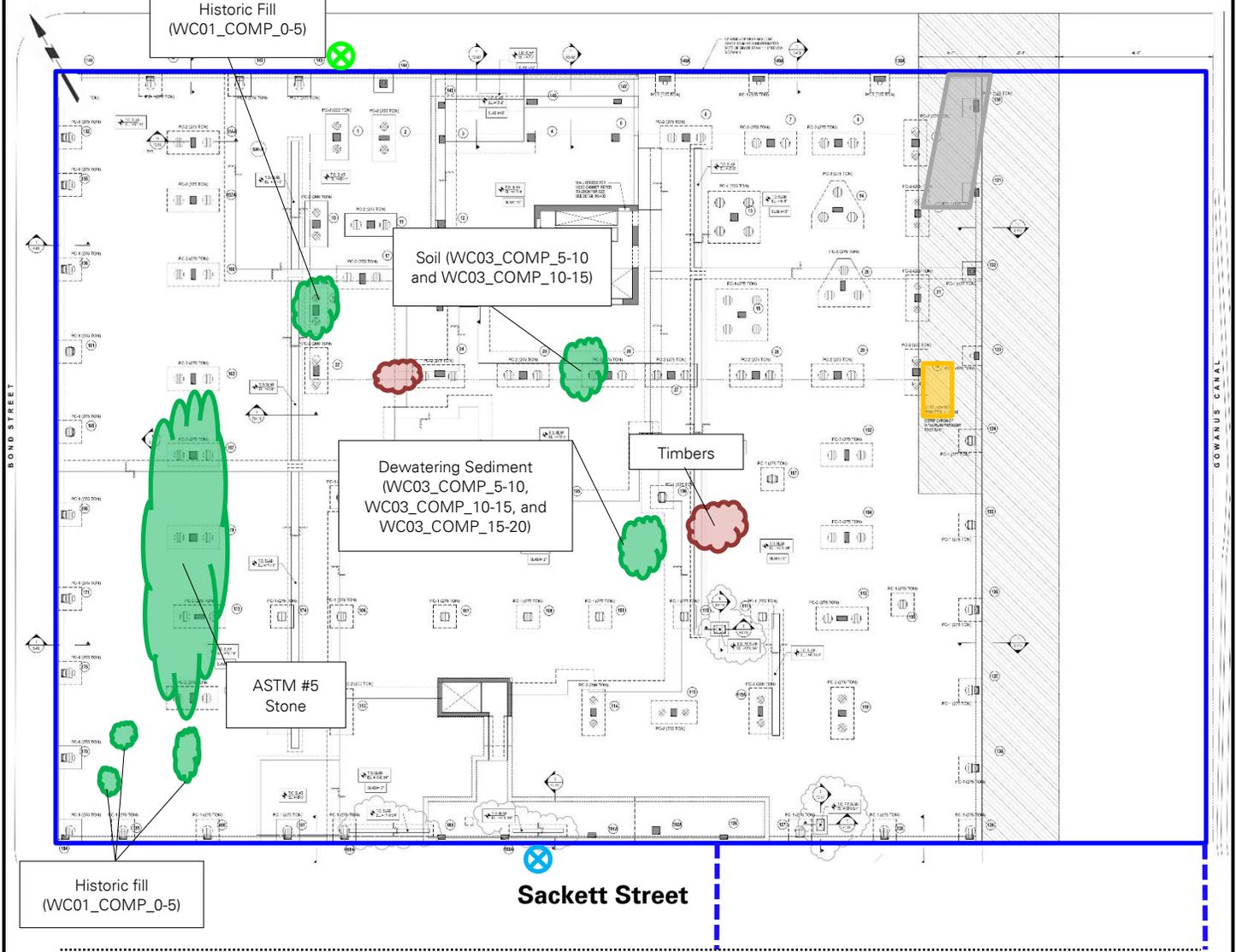
Notes

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.



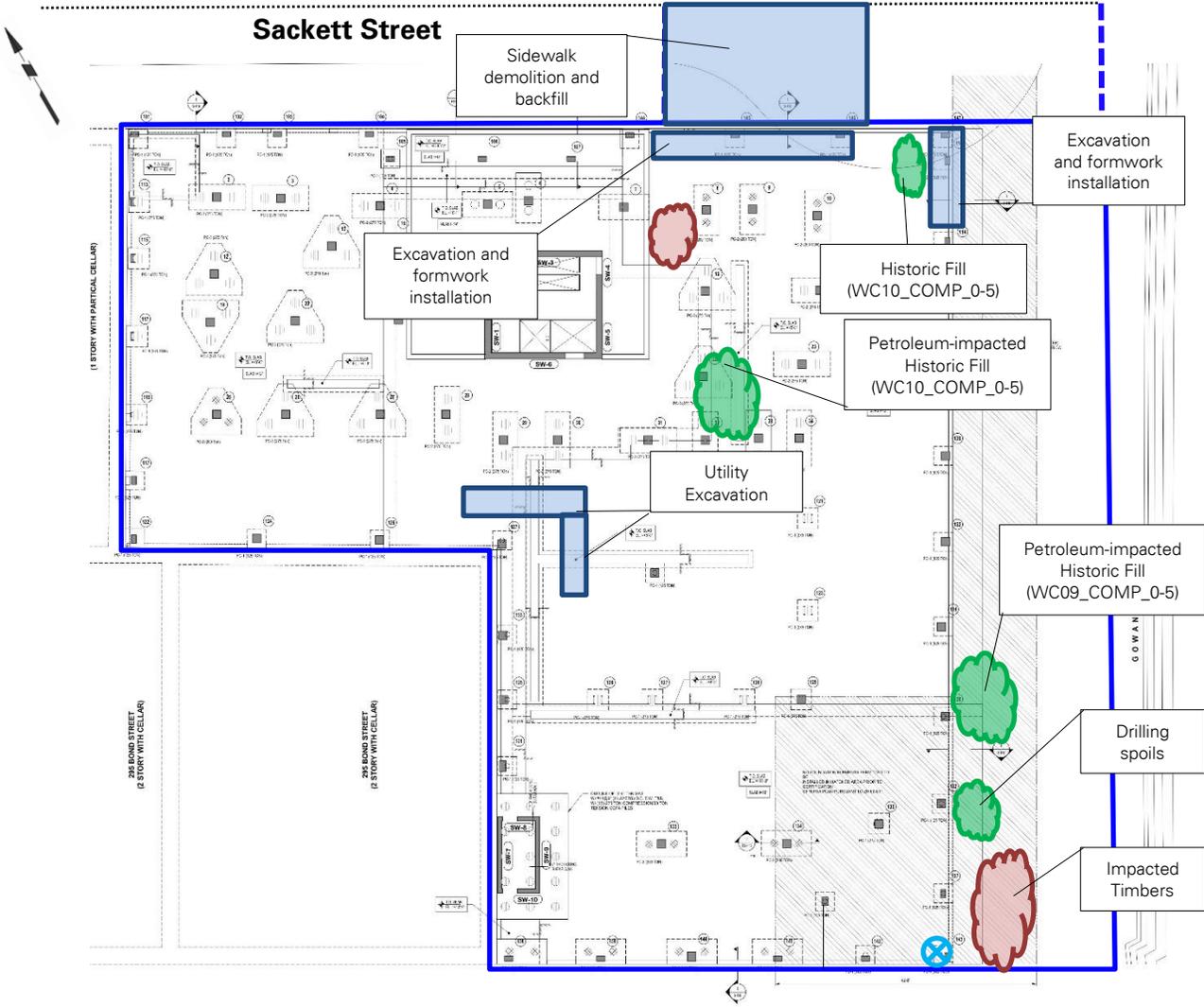
Legend:

- 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 C&D debris stockpile location
- Approximate location of 20 cubic yard scrap metal container
- Approximate location of documentation 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.



Legend:

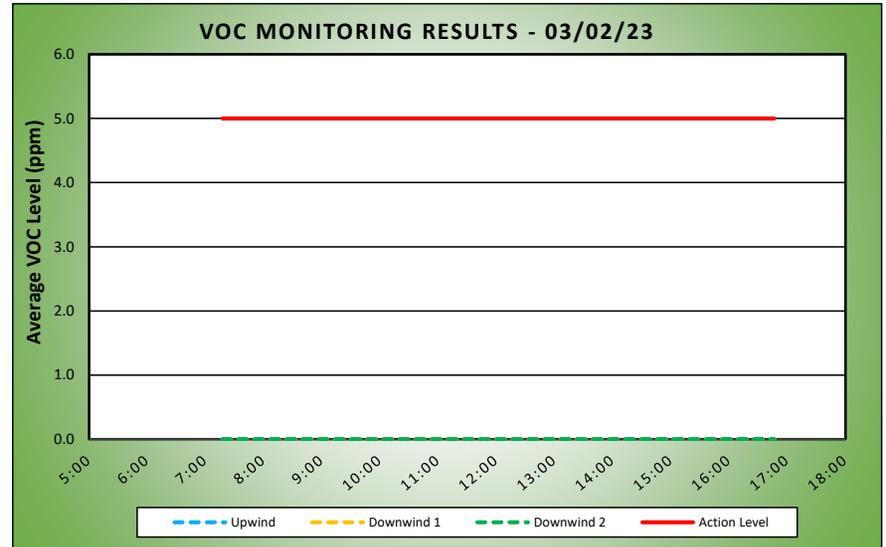
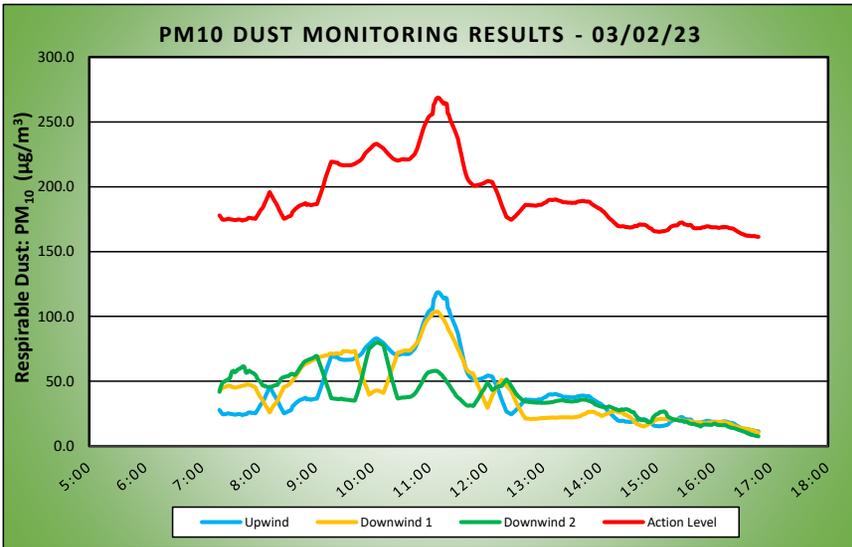
- Approximate site boundary
- - - Approximate construction fence boundary
- X Upwind air monitoring station
- X Downwind air monitoring station
- Approximate work area
- Approximate stabilized construction entrance
- ☁ Approximate soil/fill stockpile location
- ☁ Approximate C&D debris stockpile location
- Approximate location of documentation sample collected today

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	DAILY AIR MONITORING REPORT				03/02/23	
	Gowanus Canal Northside				Project number: 170295301	
	267 Bond Street, Brooklyn, New York				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 (%)	57.0 - 98.0	Daily Rain (in)	0.02	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	41.0 - 54.0	Wind Speed (MPH)	1.2 - 5.7	Barometer (inHg)	29.60 - 29.70			

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		42.5	118.7	11:09	0.0	0.0	7:18
Downwind 1		41.3	103.8	11:07	0.0	0.0	7:18
Downwind 2		38.4	79.8	10:05	0.0	0.0	7:18

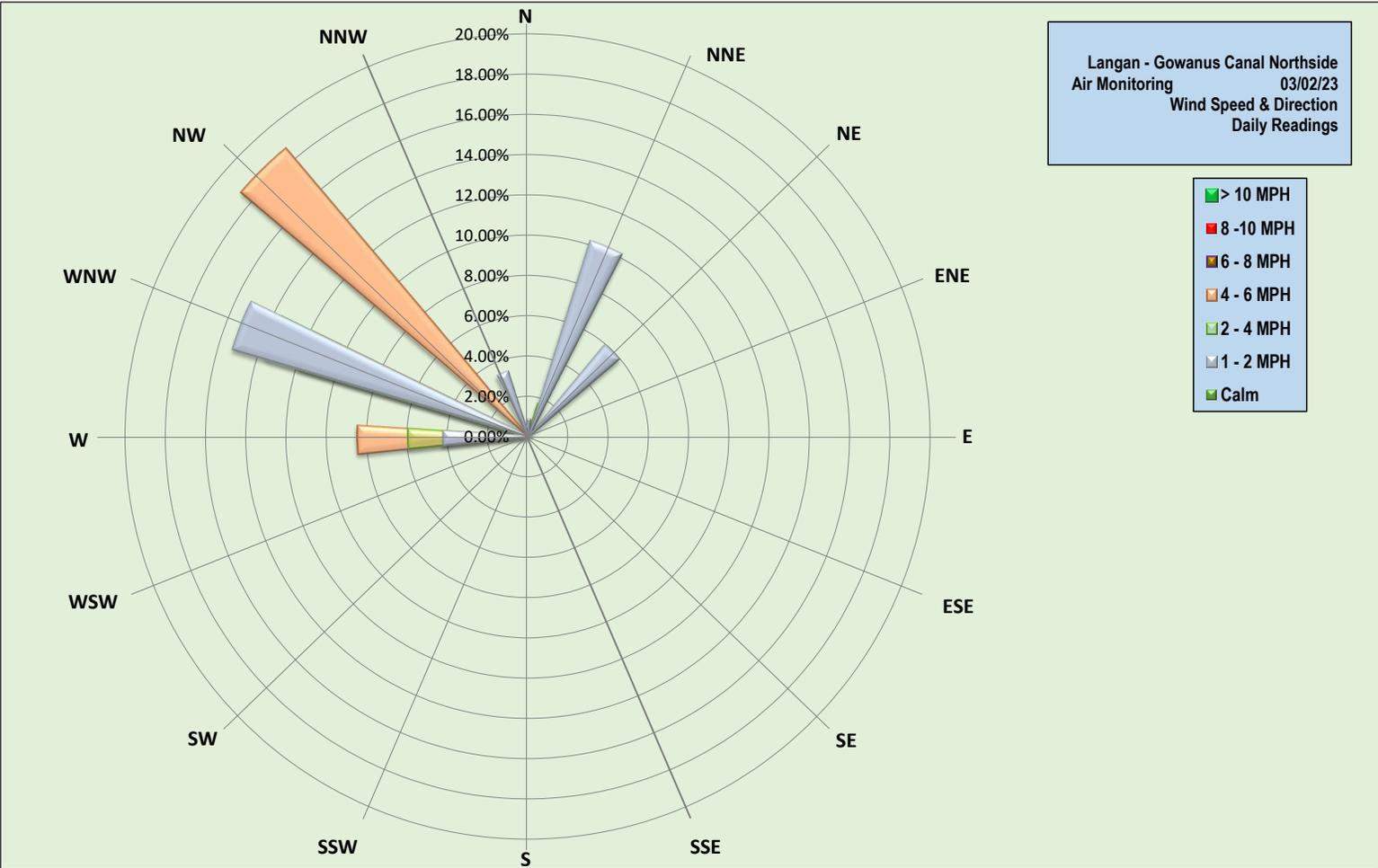


Air Monitoring Notes:

Sampling Notes:

Weather Notes:

Langan - Gowanus Canal Northside
Air Monitoring 03/02/23
Wind Speed & Direction
Daily Readings



Thursday, March 2, 2023									
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =									0
Number of Comparable Data Points =									570
Start Time:									7:03
End Time:									16:47
PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
7:03	185.3	-	7:03	39.0	-	7:03	23.0	-	-
7:04	39.8	-	7:04	39.0	-	7:04	21.8	-	-
7:05	39.0	-	7:05	41.0	-	7:05	21.5	-	-
7:06	39.0	-	7:06	39.0	-	7:06	23.0	-	-
7:07	24.8	-	7:07	38.0	-	7:07	38.5	-	-
7:08	23.5	-	7:08	38.8	-	7:08	39.8	-	-
7:09	22.8	-	7:09	39.0	-	7:09	42.5	-	-
7:10	24.5	-	7:10	39.8	-	7:10	40.5	-	-
7:11	24.5	-	7:11	41.3	-	7:11	46.5	-	-
7:12	27.0	-	7:12	41.8	-	7:12	47.3	-	-
7:13	25.8	-	7:13	42.0	-	7:13	46.8	-	-
7:14	26.8	-	7:14	43.5	-	7:14	53.0	-	-
7:15	25.3	-	7:15	49.8	-	7:15	49.0	-	-
7:16	24.3	-	7:16	55.0	-	7:16	55.0	-	-
7:17	25.3	-	7:17	46.0	-	7:17	52.3	-	-
7:18	25.8	27.9	7:18	50.3	42.9	7:18	50.0	41.8	-
7:19	25.5	26.9	7:19	52.0	43.8	7:19	67.8	44.9	-
7:20	23.8	25.9	7:20	48.0	44.3	7:20	52.3	46.9	-
7:21	22.0	24.8	7:21	44.0	44.6	7:21	47.8	48.6	-
7:22	22.0	24.6	7:22	44.0	45.0	7:22	48.3	49.2	-
7:23	22.8	24.5	7:23	43.5	45.3	7:23	47.5	49.8	-
7:24	25.5	24.7	7:24	44.0	45.7	7:24	48.3	50.1	-
7:25	26.0	24.8	7:25	45.3	46.0	7:25	47.5	50.6	-
7:26	27.5	25.0	7:26	44.8	46.3	7:26	50.5	50.9	-
7:27	31.3	25.3	7:27	44.5	46.4	7:27	47.5	50.9	-
7:28	24.5	25.2	7:28	44.8	46.6	7:28	64.5	52.1	-
7:29	23.0	25.0	7:29	45.0	46.7	7:29	59.8	52.5	-
7:30	23.0	24.8	7:30	43.8	46.3	7:30	82.0	54.7	-
7:31	23.0	24.7	7:31	43.3	45.5	7:31	92.3	57.2	-
7:32	23.0	24.6	7:32	45.0	45.5	7:32	59.8	57.7	-
7:33	23.8	24.4	7:33	49.0	45.4	7:33	56.3	58.1	-
7:34	23.8	24.3	7:34	49.0	45.2	7:34	51.0	57.0	-
7:35	23.5	24.3	7:35	47.3	45.1	7:35	55.8	57.2	-
7:36	24.0	24.4	7:36	46.3	45.3	7:36	58.8	58.0	-
7:37	24.5	24.6	7:37	47.0	45.5	7:37	61.3	58.8	-
7:38	25.0	24.8	7:38	46.8	45.7	7:38	55.3	59.4	-
7:39	24.3	24.7	7:39	47.0	45.9	7:39	50.8	59.5	-
7:40	24.5	24.6	7:40	46.8	46.0	7:40	56.8	60.1	-
7:41	24.3	24.4	7:41	49.8	46.3	7:41	54.3	60.4	-
7:42	25.0	23.9	7:42	48.0	46.6	7:42	59.8	61.2	-
7:43	27.8	24.2	7:43	46.3	46.7	7:43	68.3	61.5	-
7:44	27.3	24.4	7:44	46.5	46.8	7:44	58.3	61.4	-
7:45	24.0	24.5	7:45	48.0	47.1	7:45	51.3	59.3	-
7:46	25.5	24.7	7:46	47.8	47.4	7:46	53.3	56.7	-
7:47	27.3	25.0	7:47	46.8	47.5	7:47	59.3	56.7	-
7:48	34.5	25.7	7:48	48.8	47.5	7:48	67.0	57.4	-
7:49	28.5	26.0	7:49	47.0	47.3	7:49	61.8	58.1	-
7:50	23.3	26.0	7:50	45.5	47.2	7:50	53.0	57.9	-
7:51	22.0	25.8	7:51	43.0	47.0	7:51	48.8	57.3	-
7:52	22.5	25.7	7:52	42.0	46.7	7:52	56.3	56.9	-
7:53	22.5	25.5	7:53	42.0	46.3	7:53	49.3	56.5	-
7:54	24.0	25.5	7:54	42.0	46.0	7:54	45.8	56.2	-
7:55	23.5	25.5	7:55	42.0	45.7	7:55	46.0	55.5	-
7:56	22.3	25.3	7:56	41.8	45.2	7:56	45.5	54.9	-
7:57	44.3	26.6	7:57	22.3	43.4	7:57	42.0	53.7	-
7:58	44.3	27.7	7:58	23.0	41.9	7:58	42.0	52.0	-
7:59	44.5	28.9	7:59	25.5	40.5	7:59	43.0	50.9	-
8:00	44.0	30.2	8:00	27.8	39.1	8:00	43.8	50.4	-
8:01	44.0	31.4	8:01	30.0	38.0	8:01	44.0	49.8	-
8:02	44.0	32.5	8:02	33.3	37.1	8:02	44.0	48.8	-
8:03	44.0	33.2	8:03	33.0	36.0	8:03	46.3	47.4	-
8:04	45.0	34.3	8:04	29.3	34.8	8:04	51.5	46.7	-
8:05	47.5	35.9	8:05	25.5	33.5	8:05	50.0	46.5	-
8:06	47.0	37.6	8:06	24.8	32.3	8:06	51.0	46.7	-
8:07	46.0	39.1	8:07	23.3	31.0	8:07	46.0	46.0	-
8:08	47.5	40.8	8:08	23.0	29.8	8:08	44.8	45.7	-
8:09	47.8	42.4	8:09	23.5	28.5	8:09	44.0	45.6	-
8:10	51.3	44.2	8:10	23.0	27.3	8:10	44.3	45.5	-
8:11	46.8	45.9	8:11	23.0	26.0	8:11	43.3	45.3	-
8:12	23.3	44.5	8:12	43.3	27.4	8:12	47.0	45.7	-

PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
8:13	25.3	43.2	8:13	43.8	28.8	8:13	45.0	45.9	-
8:14	25.0	41.9	8:14	43.0	30.0	8:14	45.8	46.0	-
8:15	23.5	40.5	8:15	43.3	31.0	8:15	50.3	46.5	-
8:16	24.3	39.2	8:16	45.8	32.0	8:16	48.8	46.8	-
8:17	27.8	38.1	8:17	46.0	32.9	8:17	47.0	47.0	-
8:18	25.0	36.9	8:18	46.0	33.8	8:18	47.8	47.1	-
8:19	24.0	35.5	8:19	45.3	34.8	8:19	52.5	47.2	-
8:20	24.5	33.9	8:20	45.8	36.2	8:20	70.3	48.5	-
8:21	23.0	32.3	8:21	48.8	37.8	8:21	59.0	49.0	-
8:22	23.3	30.8	8:22	48.8	39.5	8:22	71.5	50.7	-
8:23	26.0	29.4	8:23	45.8	41.0	8:23	63.0	52.0	-
8:24	30.5	28.2	8:24	45.0	42.4	8:24	52.0	52.5	-
8:25	29.5	26.8	8:25	46.3	44.0	8:25	50.0	52.9	-
8:26	25.8	25.4	8:26	47.3	45.6	8:26	50.0	53.3	-
8:27	25.3	25.5	8:27	47.0	45.8	8:27	47.8	53.4	-
8:28	31.0	25.9	8:28	46.3	46.0	8:28	48.5	53.6	-
8:29	29.0	26.2	8:29	48.0	46.3	8:29	49.3	53.8	-
8:30	31.3	26.7	8:30	52.8	47.0	8:30	51.3	53.9	-
8:31	30.5	27.1	8:31	53.0	47.5	8:31	52.8	54.2	-
8:32	29.8	27.2	8:32	54.0	48.0	8:32	55.3	54.7	-
8:33	30.0	27.6	8:33	57.8	48.8	8:33	56.5	55.3	-
8:34	35.3	28.3	8:34	58.5	49.7	8:34	60.0	55.8	-
8:35	56.0	30.4	8:35	60.5	50.6	8:35	63.3	55.3	-
8:36	35.0	31.2	8:36	61.0	51.5	8:36	62.0	55.5	-
8:37	34.3	31.9	8:37	61.3	52.3	8:37	62.8	55.0	-
8:38	37.5	32.7	8:38	62.3	53.4	8:38	64.6	55.1	-
8:39	41.8	33.5	8:39	62.0	54.5	8:39	65.4	56.0	-
8:40	37.0	34.0	8:40	63.0	55.6	8:40	66.4	57.0	-
8:41	34.8	34.6	8:41	63.8	56.7	8:41	65.4	58.1	-
8:42	34.5	35.2	8:42	64.0	57.9	8:42	65.2	59.2	-
8:43	35.3	35.5	8:43	64.3	59.1	8:43	65.8	60.4	-
8:44	35.0	35.9	8:44	64.3	60.2	8:44	65.0	61.4	-
8:45	34.8	36.1	8:45	64.3	60.9	8:45	65.6	62.4	-
8:46	34.0	36.3	8:46	65.0	61.7	8:46	69.4	63.5	-
8:47	34.5	36.6	8:47	65.0	62.5	8:47	70.0	64.5	-
8:48	36.5	37.1	8:48	65.0	62.9	8:48	67.0	65.2	-
8:49	38.0	37.3	8:49	65.5	63.4	8:49	66.6	65.6	-
8:50	37.8	36.0	8:50	66.0	63.8	8:50	67.0	65.9	-
8:51	37.0	36.2	8:51	67.0	64.2	8:51	67.4	66.2	-
8:52	36.6	36.3	8:52	67.0	64.6	8:52	68.6	66.6	-
8:53	36.0	36.2	8:53	67.8	64.9	8:53	69.4	66.9	-
8:54	36.0	35.8	8:54	68.8	65.4	8:54	69.2	67.2	-
8:55	36.6	35.8	8:55	68.8	65.8	8:55	70.0	67.4	-
8:56	38.2	36.0	8:56	68.3	66.1	8:56	69.6	67.7	-
8:57	37.2	36.2	8:57	69.3	66.4	8:57	69.4	68.0	-
8:58	37.2	36.4	8:58	69.0	66.7	8:58	74.4	68.6	-
8:59	36.6	36.5	8:59	68.8	67.0	8:59	72.6	69.1	-
9:00	36.6	36.6	9:00	68.8	67.3	9:00	70.4	69.4	-
9:01	35.4	36.7	9:01	68.8	67.6	9:01	69.6	69.4	-
9:02	67.3	38.9	9:02	69.0	67.8	9:02	36.8	67.2	-
9:03	67.3	40.9	9:03	71.8	68.3	9:03	38.0	65.3	-
9:04	67.8	42.9	9:04	71.6	68.7	9:04	36.2	63.2	-
9:05	68.5	44.9	9:05	69.2	68.9	9:05	35.6	61.1	-
9:06	70.8	47.2	9:06	69.8	69.1	9:06	36.0	59.1	-
9:07	68.3	49.3	9:07	69.8	69.3	9:07	36.6	56.9	-
9:08	69.0	51.5	9:08	70.8	69.5	9:08	38.8	54.9	-
9:09	80.3	54.5	9:09	72.8	69.8	9:09	35.4	52.6	-
9:10	73.8	56.9	9:10	72.2	70.0	9:10	34.8	50.3	-
9:11	68.8	59.0	9:11	69.6	70.1	9:11	34.6	47.9	-
9:12	69.0	61.1	9:12	69.6	70.1	9:12	36.0	45.7	-
9:13	68.3	63.2	9:13	72.0	70.3	9:13	47.0	43.9	-
9:14	67.5	65.2	9:14	79.0	71.0	9:14	38.2	41.6	-
9:15	67.0	67.2	9:15	74.2	71.3	9:15	35.8	39.3	-
9:16	65.8	69.3	9:16	69.0	71.4	9:16	35.0	37.0	-
9:17	66.0	69.2	9:17	68.0	71.3	9:17	35.0	36.9	-
9:18	66.0	69.1	9:18	69.2	71.1	9:18	35.6	36.7	-
9:19	66.8	69.0	9:19	70.6	71.1	9:19	35.0	36.6	-
9:20	66.0	68.9	9:20	71.8	71.2	9:20	34.0	36.5	-
9:21	66.3	68.6	9:21	75.0	71.6	9:21	35.2	36.5	-
9:22	67.5	68.5	9:22	70.2	71.6	9:22	36.2	36.4	-
9:23	67.5	68.4	9:23	68.2	71.4	9:23	35.8	36.2	-
9:24	67.0	67.5	9:24	68.6	71.1	9:24	35.8	36.3	-
9:25	67.0	67.1	9:25	70.8	71.1	9:25	36.0	36.3	-
9:26	67.0	67.0	9:26	71.8	71.2	9:26	36.4	36.5	-
9:27	66.5	66.8	9:27	75.6	71.6	9:27	38.2	36.6	-
9:28	66.0	66.7	9:28	92.8	73.0	9:28	41.0	36.2	-

PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
9:29	65.8	66.5	9:29	85.4	73.4	9:29	35.6	36.0	-
9:30	66.0	66.5	9:30	69.6	73.1	9:30	34.8	36.0	-
9:31	66.6	66.5	9:31	68.6	73.1	9:31	34.0	35.9	-
9:32	66.0	66.5	9:32	69.4	73.2	9:32	34.0	35.8	-
9:33	66.6	66.6	9:33	69.0	73.2	9:33	34.0	35.7	-
9:34	66.8	66.6	9:34	69.6	73.1	9:34	33.6	35.6	-
9:35	66.2	66.6	9:35	70.2	73.0	9:35	33.0	35.6	-
9:36	67.0	66.6	9:36	69.6	72.6	9:36	33.2	35.4	-
9:37	67.8	66.7	9:37	69.8	72.6	9:37	34.0	35.3	-
9:38	70.0	66.8	9:38	70.2	72.7	9:38	34.2	35.2	-
9:39	72.0	67.2	9:39	72.2	73.0	9:39	35.6	35.2	-
9:40	72.0	67.5	9:40	73.4	73.1	9:40	36.0	35.2	-
9:41	71.4	67.8	9:41	74.4	73.3	9:41	36.8	35.2	-
9:42	73.0	68.2	9:42	37.0	70.7	9:42	71.0	37.4	-
9:43	72.0	68.6	9:43	36.8	67.0	9:43	70.6	39.4	-
9:44	72.4	69.1	9:44	36.0	63.7	9:44	70.0	41.7	-
9:45	73.2	69.5	9:45	36.0	61.5	9:45	71.2	44.1	-
9:46	73.4	70.0	9:46	35.6	59.3	9:46	71.8	46.6	-
9:47	75.0	70.6	9:47	36.6	57.1	9:47	73.6	49.2	-
9:48	77.4	71.3	9:48	38.0	55.0	9:48	74.8	52.0	-
9:49	80.6	72.2	9:49	39.2	53.0	9:49	76.2	54.8	-
9:50	84.0	73.4	9:50	40.6	51.0	9:50	77.8	57.8	-
9:51	87.0	74.7	9:51	40.6	49.1	9:51	79.0	60.8	-
9:52	83.5	75.8	9:52	43.2	47.3	9:52	80.0	63.9	-
9:53	82.3	76.6	9:53	46.4	45.7	9:53	79.8	66.9	-
9:54	82.5	77.3	9:54	43.4	43.8	9:54	78.6	69.8	-
9:55	82.3	78.0	9:55	42.6	41.8	9:55	77.4	72.6	-
9:56	82.0	78.7	9:56	43.6	39.7	9:56	77.2	75.3	-
9:57	82.0	79.3	9:57	44.6	40.2	9:57	78.6	75.8	-
9:58	83.0	80.0	9:58	43.4	40.7	9:58	80.2	76.4	-
9:59	84.5	80.8	9:59	43.6	41.2	9:59	81.0	77.1	-
10:00	84.3	81.6	10:00	44.2	41.7	10:00	81.4	77.8	-
10:01	82.3	82.2	10:01	42.2	42.1	10:01	81.2	78.5	-
10:02	82.5	82.7	10:02	41.8	42.5	10:02	81.8	79.0	-
10:03	82.0	83.0	10:03	41.6	42.7	10:03	82.0	79.5	-
10:04	81.8	83.1	10:04	40.6	42.8	10:04	80.8	79.8	-
10:05	78.8	82.7	10:05	40.0	42.8	10:05	78.6	79.8	-
10:06	77.8	82.1	10:06	39.5	42.7	10:06	75.2	79.6	-
10:07	76.5	81.6	10:07	39.8	42.5	10:07	75.0	79.3	-
10:08	75.3	81.2	10:08	40.5	42.1	10:08	74.8	78.9	-
10:09	74.8	80.6	10:09	39.0	41.8	10:09	74.0	78.6	-
10:10	74.5	80.1	10:10	38.3	41.5	10:10	72.8	78.3	-
10:11	73.0	79.5	10:11	37.0	41.1	10:11	71.6	77.9	-
10:12	71.2	78.8	10:12	71.5	42.9	10:12	37.0	75.2	-
10:13	70.4	78.0	10:13	72.0	44.8	10:13	37.0	72.3	-
10:14	70.4	77.0	10:14	74.3	46.8	10:14	36.8	69.3	-
10:15	71.6	76.2	10:15	73.0	48.7	10:15	37.8	66.4	-
10:16	71.4	75.5	10:16	73.0	50.8	10:16	37.0	63.5	-
10:17	71.0	74.7	10:17	72.3	52.8	10:17	37.0	60.5	-
10:18	71.0	74.0	10:18	72.5	54.9	10:18	36.8	57.5	-
10:19	70.6	73.2	10:19	72.0	57.0	10:19	37.0	54.6	-
10:20	68.0	72.5	10:20	70.8	59.0	10:20	37.8	51.8	-
10:21	67.4	71.8	10:21	69.3	61.0	10:21	36.5	49.2	-
10:22	69.6	71.3	10:22	70.8	63.1	10:22	36.5	46.7	-
10:23	70.0	71.0	10:23	71.8	65.2	10:23	36.0	44.1	-
10:24	69.8	70.7	10:24	71.3	67.3	10:24	36.0	41.6	-
10:25	69.8	70.3	10:25	73.0	69.6	10:25	36.8	39.2	-
10:26	70.8	70.2	10:26	72.3	72.0	10:26	37.0	36.9	-
10:27	72.6	70.3	10:27	73.0	72.1	10:27	37.0	36.9	-
10:28	73.2	70.5	10:28	76.3	72.4	10:28	39.0	37.0	-
10:29	74.4	70.7	10:29	77.0	72.5	10:29	40.0	37.2	-
10:30	75.0	71.0	10:30	77.0	72.8	10:30	40.0	37.4	-
10:31	74.2	71.2	10:31	77.3	73.1	10:31	38.0	37.4	-
10:32	72.0	71.2	10:32	77.5	73.4	10:32	37.8	37.5	-
10:33	70.2	71.2	10:33	76.3	73.7	10:33	36.8	37.5	-
10:34	67.8	71.0	10:34	73.8	73.8	10:34	38.3	37.6	-
10:35	68.6	71.0	10:35	69.5	73.7	10:35	38.8	37.6	-
10:36	67.4	71.0	10:36	69.0	73.7	10:36	38.5	37.8	-
10:37	69.0	71.0	10:37	71.3	73.7	10:37	37.0	37.8	-
10:38	72.6	71.2	10:38	71.3	73.7	10:38	37.8	37.9	-
10:39	74.0	71.4	10:39	72.8	73.8	10:39	38.0	38.0	-
10:40	80.0	72.1	10:40	81.3	74.4	10:40	38.8	38.2	-
10:41	82.4	72.9	10:41	84.0	75.1	10:41	43.0	38.6	-
10:42	83.0	73.6	10:42	85.0	75.9	10:42	43.8	39.0	-
10:43	83.6	74.3	10:43	88.5	76.8	10:43	48.0	39.6	-
10:44	88.2	75.2	10:44	88.8	77.5	10:44	50.3	40.3	-

PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
10:45	94.4	76.5	10:45	89.0	78.3	10:45	52.0	41.1	-
10:46	97.6	78.1	10:46	91.0	79.3	10:46	53.5	42.1	-
10:47	101.4	80.0	10:47	91.0	80.2	10:47	55.3	43.3	-
10:48	104.3	82.3	10:48	92.5	81.2	10:48	55.3	44.5	-
10:49	104.0	84.7	10:49	95.0	82.7	10:49	55.8	45.7	-
10:50	103.0	87.0	10:50	97.5	84.5	10:50	56.5	46.9	-
10:51	104.5	89.5	10:51	99.5	86.6	10:51	57.0	48.1	-
10:52	106.3	91.9	10:52	101.3	88.6	10:52	58.5	49.6	-
10:53	105.3	94.1	10:53	102.8	90.7	10:53	60.8	51.1	-
10:54	105.8	96.2	10:54	103.0	92.7	10:54	59.5	52.5	-
10:55	106.3	98.0	10:55	103.5	94.2	10:55	59.3	53.9	-
10:56	107.0	99.6	10:56	104.0	95.5	10:56	58.0	54.9	-
10:57	106.0	101.2	10:57	104.8	96.8	10:57	58.8	55.9	-
10:58	106.8	102.7	10:58	103.8	97.8	10:58	57.8	56.5	-
10:59	105.5	103.9	10:59	101.5	98.7	10:59	60.0	57.2	-
11:00	105.8	104.6	11:00	101.0	99.5	11:00	52.8	57.2	-
11:01	107.0	105.2	11:01	102.3	100.2	11:01	55.3	57.4	-
11:02	108.0	105.7	11:02	105.3	101.2	11:02	60.3	57.7	-
11:03	109.0	106.0	11:03	107.3	102.2	11:03	57.3	57.8	-
11:04	206.8	112.9	11:04	105.0	102.8	11:04	58.0	58.0	-
11:05	123.3	114.2	11:05	105.0	103.3	11:05	57.0	58.0	-
11:06	133.3	116.1	11:06	104.3	103.6	11:06	57.8	58.1	-
11:07	132.8	117.9	11:07	103.3	103.8	11:07	57.5	58.0	-
11:08	114.5	118.5	11:08	102.0	103.7	11:08	56.5	57.7	-
11:09	108.3	118.7	11:09	97.8	103.4	11:09	53.3	57.3	-
11:10	100.5	118.3	11:10	90.0	102.5	11:10	49.3	56.6	-
11:11	95.0	117.5	11:11	89.0	101.5	11:11	47.8	55.9	-
11:12	92.0	116.6	11:12	88.3	100.4	11:12	49.8	55.3	-
11:13	91.5	115.5	11:13	88.0	99.3	11:13	48.5	54.7	-
11:14	92.3	114.7	11:14	88.0	98.4	11:14	42.8	53.6	-
11:15	94.0	113.9	11:15	84.3	97.3	11:15	41.3	52.8	-
11:16	117.5	114.6	11:16	80.8	95.9	11:16	42.0	51.9	-
11:17	102.5	114.2	11:17	84.5	94.5	11:17	39.5	50.5	-
11:18	102.5	113.8	11:18	84.3	93.0	11:18	41.5	49.5	-
11:19	103.0	106.9	11:19	78.8	91.2	11:19	44.5	48.6	-
11:20	106.0	105.7	11:20	79.5	89.5	11:20	43.0	47.7	-
11:21	97.8	103.3	11:21	82.8	88.1	11:21	41.3	46.6	-
11:22	98.0	101.0	11:22	90.8	87.2	11:22	40.8	45.4	-
11:23	88.8	99.3	11:23	80.3	85.8	11:23	38.5	44.2	-
11:24	81.8	97.5	11:24	73.0	84.1	11:24	36.5	43.1	-
11:25	75.5	95.9	11:25	69.8	82.8	11:25	33.3	42.1	-
11:26	69.5	94.2	11:26	64.8	81.2	11:26	33.0	41.1	-
11:27	64.3	92.3	11:27	63.8	79.5	11:27	32.0	39.9	-
11:28	63.8	90.5	11:28	62.5	77.8	11:28	31.3	38.7	-
11:29	61.3	88.4	11:29	61.0	76.0	11:29	32.0	38.0	-
11:30	60.3	86.2	11:30	61.0	74.5	11:30	32.0	37.4	-
11:31	60.0	82.3	11:31	60.8	73.2	11:31	32.0	36.7	-
11:32	55.3	79.2	11:32	59.3	71.5	11:32	32.0	36.2	-
11:33	53.8	75.9	11:33	55.3	69.5	11:33	31.5	35.6	-
11:34	52.8	72.6	11:34	55.5	68.0	11:34	32.0	34.7	-
11:35	51.3	68.9	11:35	57.0	66.5	11:35	32.8	34.1	-
11:36	51.0	65.8	11:36	54.5	64.6	11:36	30.5	33.3	-
11:37	49.8	62.6	11:37	53.0	62.1	11:37	30.5	32.7	-
11:38	49.5	60.0	11:38	53.5	60.3	11:38	28.8	32.0	-
11:39	49.5	57.8	11:39	56.0	59.2	11:39	28.8	31.5	-
11:40	49.3	56.1	11:40	53.8	58.1	11:40	28.8	31.2	-
11:41	50.8	54.8	11:41	55.8	57.5	11:41	32.3	31.1	-
11:42	50.5	53.9	11:42	56.5	57.0	11:42	36.0	31.4	-
11:43	51.0	53.1	11:43	56.5	56.6	11:43	31.0	31.4	-
11:44	51.5	52.4	11:44	55.8	56.3	11:44	30.3	31.3	-
11:45	50.8	51.8	11:45	58.8	56.1	11:45	29.8	31.1	-
11:46	49.3	51.1	11:46	55.8	55.8	11:46	29.5	31.0	-
11:47	52.0	50.8	11:47	29.0	53.8	11:47	49.0	32.1	-
11:48	55.3	50.9	11:48	29.0	52.0	11:48	48.0	33.2	-
11:49	54.3	51.0	11:49	28.8	50.2	11:49	49.0	34.3	-
11:50	54.0	51.2	11:50	28.5	48.3	11:50	48.0	35.3	-
11:51	53.0	51.4	11:51	28.8	46.6	11:51	48.0	36.5	-
11:52	52.5	51.5	11:52	28.3	45.0	11:52	48.0	37.7	-
11:53	52.5	51.7	11:53	28.0	43.3	11:53	48.8	39.0	-
11:54	52.0	51.9	11:54	28.0	41.4	11:54	48.0	40.3	-
11:55	53.5	52.2	11:55	29.0	39.8	11:55	48.8	41.6	-
11:56	54.8	52.5	11:56	29.0	38.0	11:56	49.0	42.7	-
11:57	54.3	52.7	11:57	29.0	36.1	11:57	49.0	43.6	-
11:58	57.5	53.1	11:58	29.8	34.4	11:58	50.3	44.9	-
11:59	57.8	53.6	11:59	33.3	32.9	11:59	50.5	46.2	-
12:00	56.8	54.0	12:00	34.0	31.2	12:00	50.5	47.6	-

PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
12:01	55.8	54.4	12:01	31.0	29.6	12:01	51.5	49.1	-
12:02	52.0	54.4	12:02	57.0	31.4	12:02	31.3	47.9	-
12:03	52.0	54.2	12:03	57.3	33.3	12:03	32.5	46.9	-
12:04	51.3	54.0	12:04	56.5	35.2	12:04	31.3	45.7	-
12:05	51.0	53.8	12:05	56.0	37.0	12:05	30.0	44.5	-
12:06	50.5	53.6	12:06	56.0	38.8	12:06	30.0	43.3	-
12:07	28.8	52.0	12:07	49.6	40.2	12:07	55.8	43.8	-
12:08	29.3	50.5	12:08	50.0	41.7	12:08	54.5	44.2	-
12:09	30.3	49.0	12:09	50.0	43.2	12:09	55.5	44.7	-
12:10	28.8	47.4	12:10	49.8	44.5	12:10	58.3	45.3	-
12:11	29.3	45.7	12:11	49.0	45.9	12:11	54.8	45.7	-
12:12	29.0	44.0	12:12	48.3	47.2	12:12	52.3	45.9	-
12:13	27.0	42.0	12:13	48.8	48.4	12:13	53.3	46.1	-
12:14	26.3	39.9	12:14	48.3	49.4	12:14	52.0	46.2	-
12:15	26.0	37.8	12:15	45.3	50.2	12:15	52.8	46.4	-
12:16	25.0	35.8	12:16	46.0	51.2	12:16	51.0	46.3	-
12:17	24.0	33.9	12:17	45.0	50.4	12:17	49.0	47.5	-
12:18	25.0	32.1	12:18	43.3	49.4	12:18	47.8	48.5	-
12:19	23.8	30.3	12:19	41.5	48.4	12:19	45.8	49.5	-
12:20	23.8	28.4	12:20	40.8	47.4	12:20	44.8	50.5	-
12:21	23.8	26.7	12:21	40.3	46.4	12:21	43.3	51.4	-
12:22	23.0	26.3	12:22	40.0	45.7	12:22	43.5	50.6	-
12:23	23.0	25.9	12:23	39.8	45.1	12:23	42.8	49.8	-
12:24	23.0	25.4	12:24	37.8	44.2	12:24	40.8	48.8	-
12:25	23.0	25.0	12:25	37.8	43.4	12:25	38.8	47.5	-
12:26	22.3	24.5	12:26	36.3	42.6	12:26	37.8	46.4	-
12:27	37.0	25.1	12:27	22.0	40.8	12:27	35.3	45.2	-
12:28	37.5	25.8	12:28	22.5	39.1	12:28	35.0	44.0	-
12:29	36.3	26.4	12:29	22.3	37.4	12:29	35.0	42.9	-
12:30	36.0	27.1	12:30	22.8	35.9	12:30	35.0	41.7	-
12:31	36.0	27.8	12:31	22.0	34.3	12:31	34.8	40.6	-
12:32	36.0	28.6	12:32	21.0	32.7	12:32	35.3	39.7	-
12:33	35.5	29.3	12:33	20.8	31.2	12:33	34.0	38.8	-
12:34	36.0	30.1	12:34	20.3	29.7	12:34	34.8	38.0	-
12:35	36.0	31.0	12:35	22.0	28.5	12:35	34.8	37.4	-
12:36	36.5	31.8	12:36	21.0	27.2	12:36	34.0	36.8	-
12:37	36.3	32.7	12:37	20.8	25.9	12:37	34.0	36.1	-
12:38	36.0	33.6	12:38	20.8	24.7	12:38	34.0	35.5	-
12:39	35.3	34.4	12:39	20.3	23.5	12:39	34.0	35.1	-
12:40	35.0	35.2	12:40	20.5	22.3	12:40	33.5	34.7	-
12:41	35.3	36.0	12:41	20.5	21.3	12:41	33.3	34.4	-
12:42	35.5	35.9	12:42	21.0	21.2	12:42	34.0	34.4	-
12:43	36.0	35.8	12:43	22.0	21.2	12:43	34.0	34.3	-
12:44	35.8	35.8	12:44	22.5	21.2	12:44	33.0	34.2	-
12:45	36.0	35.8	12:45	20.8	21.1	12:45	33.8	34.1	-
12:46	35.0	35.7	12:46	20.5	21.0	12:46	34.0	34.0	-
12:47	35.3	35.7	12:47	21.0	21.0	12:47	33.8	33.9	-
12:48	35.0	35.7	12:48	21.0	21.0	12:48	33.0	33.9	-
12:49	35.0	35.6	12:49	21.5	21.1	12:49	33.0	33.7	-
12:50	35.0	35.5	12:50	20.8	21.0	12:50	33.8	33.7	-
12:51	35.3	35.4	12:51	20.5	21.0	12:51	33.8	33.7	-
12:52	35.3	35.4	12:52	22.3	21.1	12:52	33.3	33.6	-
12:53	38.3	35.5	12:53	21.5	21.1	12:53	33.0	33.5	-
12:54	40.0	35.8	12:54	20.3	21.1	12:54	34.0	33.5	-
12:55	37.5	36.0	12:55	21.8	21.2	12:55	33.8	33.6	-
12:56	35.3	36.0	12:56	25.5	21.5	12:56	33.0	33.5	-
12:57	36.3	36.1	12:57	22.0	21.6	12:57	32.8	33.5	-
12:58	37.8	36.2	12:58	22.0	21.6	12:58	33.0	33.4	-
12:59	42.5	36.6	12:59	22.8	21.6	12:59	33.5	33.4	-
13:00	44.0	37.2	13:00	21.0	21.6	13:00	33.8	33.4	-
13:01	40.3	37.5	13:01	21.5	21.7	13:01	34.0	33.4	-
13:02	40.3	37.8	13:02	21.0	21.7	13:02	34.0	33.4	-
13:03	39.3	38.1	13:03	21.3	21.7	13:03	34.0	33.5	-
13:04	46.5	38.9	13:04	22.3	21.8	13:04	34.0	33.6	-
13:05	43.5	39.5	13:05	22.3	21.9	13:05	34.0	33.6	-
13:06	40.0	39.8	13:06	22.0	22.0	13:06	34.0	33.6	-
13:07	37.5	39.9	13:07	22.0	21.9	13:07	35.0	33.7	-
13:08	37.8	39.9	13:08	22.0	22.0	13:08	35.0	33.9	-
13:09	37.8	39.7	13:09	22.0	22.1	13:09	35.0	33.9	-
13:10	38.0	39.8	13:10	22.0	22.1	13:10	35.8	34.1	-
13:11	38.0	40.0	13:11	22.0	21.9	13:11	36.0	34.3	-
13:12	38.0	40.1	13:12	22.5	21.9	13:12	36.0	34.5	-
13:13	39.5	40.2	13:13	23.0	22.0	13:13	36.0	34.7	-
13:14	39.0	40.0	13:14	22.3	21.9	13:14	36.0	34.8	-
13:15	38.3	39.6	13:15	22.8	22.1	13:15	36.0	35.0	-
13:16	37.0	39.4	13:16	22.5	22.1	13:16	35.5	35.1	-

PARTICULATE DATA										
Upwind			Downwind						Exceeds Particulate Alarm Limit	
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)		
13:17	37.0	39.1	13:17	22.0	22.2	13:17	35.0	35.2	-	
13:18	38.0	39.1	13:18	22.0	22.2	13:18	35.0	35.2	-	
13:19	41.8	38.7	13:19	22.0	22.2	13:19	35.0	35.3	-	
13:20	36.5	38.3	13:20	22.0	22.2	13:20	35.0	35.4	-	
13:21	36.8	38.1	13:21	22.0	22.2	13:21	34.5	35.4	-	
13:22	37.3	38.0	13:22	22.0	22.2	13:22	34.5	35.4	-	
13:23	38.0	38.1	13:23	22.5	22.2	13:23	26.3	34.8	-	
13:24	36.8	38.0	13:24	22.0	22.2	13:24	35.0	34.8	-	
13:25	36.0	37.9	13:25	22.0	22.2	13:25	34.8	34.7	-	
13:26	36.0	37.7	13:26	22.3	22.3	13:26	35.0	34.6	-	
13:27	38.3	37.7	13:27	22.0	22.2	13:27	35.0	34.6	-	
13:28	39.5	37.7	13:28	22.0	22.2	13:28	35.0	34.5	-	
13:29	37.3	37.6	13:29	22.0	22.1	13:29	35.0	34.4	-	
13:30	37.3	37.6	13:30	23.0	22.2	13:30	35.5	34.4	-	
13:31	37.5	37.6	13:31	23.0	22.2	13:31	36.0	34.4	-	
13:32	38.0	37.7	13:32	23.0	22.3	13:32	36.3	34.5	-	
13:33	38.3	37.7	13:33	23.3	22.3	13:33	37.0	34.7	-	
13:34	40.3	37.6	13:34	23.0	22.4	13:34	36.0	34.7	-	
13:35	43.5	38.0	13:35	24.0	22.5	13:35	36.0	34.8	-	
13:36	42.0	38.4	13:36	24.0	22.7	13:36	36.8	34.9	-	
13:37	39.8	38.6	13:37	23.8	22.8	13:37	35.8	35.0	-	
13:38	39.8	38.7	13:38	25.5	23.0	13:38	36.0	35.7	-	
13:39	38.5	38.8	13:39	25.5	23.2	13:39	36.0	35.7	-	
13:40	37.0	38.9	13:40	29.8	23.7	13:40	35.8	35.8	-	
13:41	38.3	39.0	13:41	28.3	24.1	13:41	35.3	35.8	-	
13:42	38.5	39.0	13:42	25.3	24.4	13:42	35.3	35.8	-	
13:43	37.0	38.9	13:43	26.0	24.6	13:43	34.5	35.8	-	
13:44	35.3	38.7	13:44	26.0	24.9	13:44	34.0	35.7	-	
13:45	35.0	38.6	13:45	29.8	25.3	13:45	33.5	35.6	-	
13:46	36.3	38.5	13:46	29.8	25.8	13:46	33.0	35.4	-	
13:47	39.3	38.6	13:47	31.8	26.4	13:47	33.0	35.2	-	
13:48	37.0	38.5	13:48	24.0	26.4	13:48	32.8	34.9	-	
13:49	34.8	38.1	13:49	22.3	26.4	13:49	33.0	34.7	-	
13:50	32.0	37.4	13:50	25.8	26.5	13:50	31.8	34.4	-	
13:51	32.0	36.7	13:51	23.8	26.5	13:51	31.0	34.0	-	
13:52	33.0	36.2	13:52	24.8	26.5	13:52	30.8	33.7	-	
13:53	32.5	35.8	13:53	24.0	26.4	13:53	30.3	33.3	-	
13:54	31.3	35.3	13:54	22.3	26.2	13:54	23.0	32.5	-	
13:55	31.0	34.9	13:55	21.8	25.7	13:55	30.8	32.1	-	
13:56	31.5	34.4	13:56	21.0	25.2	13:56	31.0	31.8	-	
13:57	31.0	33.9	13:57	22.3	25.0	13:57	30.3	31.5	-	
13:58	30.5	33.5	13:58	21.8	24.7	13:58	30.0	31.2	-	
13:59	30.0	33.1	13:59	21.8	24.4	13:59	30.0	30.9	-	
14:00	30.0	32.8	14:00	22.5	24.0	14:00	30.0	30.7	-	
14:01	30.0	32.4	14:01	22.8	23.5	14:01	30.0	30.5	-	
14:02	24.3	31.4	14:02	29.3	23.3	14:02	30.0	30.3	-	
14:03	33.8	31.2	14:03	30.0	23.7	14:03	31.8	30.2	-	
14:04	23.0	30.4	14:04	29.3	24.2	14:04	31.3	30.1	-	
14:05	20.3	29.6	14:05	29.0	24.4	14:05	30.0	30.0	-	
14:06	19.5	28.8	14:06	29.0	24.8	14:06	30.0	29.9	-	
14:07	20.0	27.9	14:07	28.3	25.0	14:07	32.5	30.1	-	
14:08	18.8	27.0	14:08	28.0	25.3	14:08	32.8	30.2	-	
14:09	20.0	26.2	14:09	27.3	25.6	14:09	28.8	30.6	-	
14:10	19.0	25.4	14:10	27.8	26.0	14:10	28.0	30.4	-	
14:11	22.8	24.9	14:11	27.0	26.4	14:11	26.8	30.1	-	
14:12	22.8	24.3	14:12	20.0	26.2	14:12	25.5	29.8	-	
14:13	20.5	23.6	14:13	26.5	26.6	14:13	25.0	29.5	-	
14:14	18.0	22.8	14:14	26.5	26.9	14:14	25.5	29.2	-	
14:15	19.8	22.2	14:15	26.0	27.1	14:15	25.5	28.9	-	
14:16	18.5	21.4	14:16	19.5	26.9	14:16	25.5	28.6	-	
14:17	18.8	21.0	14:17	26.0	26.7	14:17	26.8	28.4	-	
14:18	18.8	20.0	14:18	26.0	26.4	14:18	27.0	28.1	-	
14:19	18.0	19.7	14:19	26.3	26.2	14:19	28.0	27.8	-	
14:20	18.0	19.5	14:20	26.5	26.0	14:20	26.5	27.6	-	
14:21	18.0	19.4	14:21	27.8	26.0	14:21	32.0	27.7	-	
14:22	19.5	19.4	14:22	26.3	25.8	14:22	41.8	28.4	-	
14:23	20.5	19.5	14:23	25.8	25.7	14:23	31.3	28.3	-	
14:24	19.5	19.5	14:24	24.5	25.5	14:24	28.0	28.2	-	
14:25	18.3	19.4	14:25	17.3	24.8	14:25	26.3	28.1	-	
14:26	17.5	19.1	14:26	16.5	24.1	14:26	29.5	28.3	-	
14:27	18.5	18.8	14:27	22.5	24.3	14:27	29.3	28.5	-	
14:28	22.3	18.9	14:28	21.5	23.9	14:28	22.5	28.4	-	
14:29	17.8	18.9	14:29	15.5	23.2	14:29	23.3	28.2	-	
14:30	16.8	18.7	14:30	19.8	22.8	14:30	18.8	27.8	-	
14:31	15.8	18.5	14:31	19.8	22.8	14:31	23.8	27.6	-	
14:32	21.3	18.7	14:32	15.5	22.1	14:32	15.0	26.9	-	

PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
14:33	19.0	18.7	14:33	15.5	21.4	14:33	22.8	26.6	-
14:34	20.3	18.9	14:34	14.5	20.6	14:34	22.5	26.2	-
14:35	21.0	19.1	14:35	14.3	19.8	14:35	28.8	26.4	-
14:36	26.3	19.6	14:36	14.8	18.9	14:36	18.8	25.5	-
14:37	22.5	19.8	14:37	15.5	18.2	14:37	20.5	24.1	-
14:38	18.8	19.7	14:38	14.5	17.5	14:38	20.0	23.3	-
14:39	19.8	19.7	14:39	15.3	16.8	14:39	15.8	22.5	-
14:40	27.8	20.3	14:40	15.8	16.7	14:40	15.0	21.7	-
14:41	23.8	20.8	14:41	15.0	16.6	14:41	20.5	21.1	-
14:42	22.0	21.0	14:42	15.3	16.2	14:42	21.0	20.6	-
14:43	17.8	20.7	14:43	15.0	15.7	14:43	15.8	20.1	-
14:44	18.0	20.7	14:44	14.5	15.7	14:44	21.0	20.0	-
14:45	17.0	20.7	14:45	16.0	15.4	14:45	21.0	20.1	-
14:46	16.8	20.8	14:46	15.8	15.1	14:46	20.0	19.9	-
14:47	18.3	20.6	14:47	20.0	15.4	14:47	17.5	20.1	-
14:48	15.0	20.3	14:48	20.5	15.8	14:48	17.3	19.7	-
14:49	14.3	19.9	14:49	20.0	16.1	14:49	17.0	19.3	-
14:50	14.0	19.5	14:50	20.5	16.6	14:50	18.0	18.6	-
14:51	14.3	18.7	14:51	20.3	16.9	14:51	18.0	18.6	-
14:52	16.0	18.2	14:52	20.8	17.3	14:52	18.5	18.4	-
14:53	15.0	18.0	14:53	21.0	17.7	14:53	23.8	18.7	-
14:54	15.0	17.7	14:54	21.0	18.1	14:54	25.3	19.3	-
14:55	15.0	16.8	14:55	22.8	18.6	14:55	37.0	20.8	-
14:56	15.0	16.2	14:56	22.3	19.0	14:56	44.3	22.4	-
14:57	15.3	15.8	14:57	21.3	19.4	14:57	32.3	23.1	-
14:58	16.0	15.7	14:58	22.8	20.0	14:58	27.8	23.9	-
14:59	16.5	15.6	14:59	22.3	20.5	14:59	27.8	24.4	-
15:00	16.3	15.5	15:00	15.8	20.5	15:00	26.5	24.7	-
15:01	15.5	15.4	15:01	21.0	20.8	15:01	24.5	25.0	-
15:02	15.8	15.3	15:02	21.0	20.9	15:02	25.8	25.6	-
15:03	15.5	15.3	15:03	21.0	20.9	15:03	26.3	26.2	-
15:04	17.0	15.5	15:04	21.0	21.0	15:04	20.3	26.4	-
15:05	15.5	15.6	15:05	20.0	20.9	15:05	19.3	26.5	-
15:06	16.0	15.7	15:06	21.0	21.0	15:06	19.8	26.6	-
15:07	16.8	15.7	15:07	21.0	21.0	15:07	21.0	26.8	-
15:08	17.5	15.9	15:08	21.0	21.0	15:08	19.5	26.5	-
15:09	18.5	16.1	15:09	21.0	21.0	15:09	18.8	26.0	-
15:10	17.3	16.3	15:10	21.0	20.9	15:10	18.3	24.8	-
15:11	19.3	16.6	15:11	20.5	20.8	15:11	19.3	23.1	-
15:12	23.0	17.1	15:12	20.8	20.7	15:12	22.5	22.5	-
15:13	30.5	18.1	15:13	21.0	20.6	15:13	23.0	22.2	-
15:14	27.8	18.8	15:14	21.0	20.5	15:14	21.3	21.7	-
15:15	21.5	19.2	15:15	21.0	20.9	15:15	19.8	21.3	-
15:16	22.8	19.6	15:16	21.0	20.9	15:16	20.8	21.0	-
15:17	19.0	19.9	15:17	15.8	20.5	15:17	20.0	20.6	-
15:18	19.0	20.1	15:18	21.3	20.6	15:18	23.8	20.5	-
15:19	17.8	20.1	15:19	21.5	20.6	15:19	19.5	20.4	-
15:20	16.8	20.2	15:20	21.0	20.7	15:20	18.3	20.4	-
15:21	16.3	20.2	15:21	21.0	20.7	15:21	18.0	20.2	-
15:22	22.6	20.6	15:22	21.3	20.7	15:22	16.5	19.9	-
15:23	32.6	21.6	15:23	19.5	20.6	15:23	16.0	19.7	-
15:24	25.0	22.1	15:24	18.0	20.4	15:24	16.3	19.5	-
15:25	21.0	22.3	15:25	19.3	20.3	15:25	18.8	19.6	-
15:26	20.8	22.4	15:26	18.8	20.1	15:26	21.8	19.7	-
15:27	20.0	22.2	15:27	18.5	20.0	15:27	17.8	19.4	-
15:28	20.0	21.5	15:28	17.3	19.7	15:28	16.5	19.0	-
15:29	20.0	21.0	15:29	18.0	19.5	15:29	16.0	18.6	-
15:30	20.0	20.9	15:30	17.0	19.3	15:30	24.3	18.9	-
15:31	20.3	20.7	15:31	17.0	19.0	15:31	19.8	18.9	-
15:32	15.8	20.5	15:32	20.3	19.3	15:32	15.0	18.5	-
15:33	15.0	20.2	15:33	22.3	19.4	15:33	15.0	18.0	-
15:34	20.3	20.4	15:34	20.5	19.3	15:34	14.8	17.6	-
15:35	20.0	20.6	15:35	20.0	19.2	15:35	14.5	17.4	-
15:36	10.0	20.2	15:36	18.3	19.1	15:36	14.8	17.2	-
15:37	10.0	19.4	15:37	17.5	18.8	15:37	15.3	17.1	-
15:38	19.8	18.5	15:38	17.0	18.6	15:38	18.3	17.2	-
15:39	19.3	18.1	15:39	17.0	18.6	15:39	14.3	17.1	-
15:40	20.0	18.1	15:40	17.0	18.4	15:40	15.3	16.9	-
15:41	20.0	18.0	15:41	17.0	18.3	15:41	15.8	16.5	-
15:42	20.0	18.0	15:42	17.0	18.2	15:42	15.0	16.3	-
15:43	20.0	18.0	15:43	17.8	18.2	15:43	15.0	16.2	-
15:44	20.5	18.1	15:44	18.0	18.2	15:44	14.5	16.1	-
15:45	20.3	18.1	15:45	18.8	18.4	15:45	14.8	15.5	-
15:46	20.0	18.1	15:46	18.0	18.4	15:46	15.0	15.1	-
15:47	20.8	18.4	15:47	17.5	18.2	15:47	23.8	15.7	-
15:48	20.0	18.7	15:48	17.0	17.9	15:48	23.3	16.3	-

PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
15:49	20.3	18.7	15:49	18.0	17.7	15:49	17.8	16.5	-
15:50	20.8	18.8	15:50	19.8	17.7	15:50	15.8	16.6	-
15:51	15.0	19.1	15:51	18.5	17.7	15:51	16.0	16.6	-
15:52	15.0	19.4	15:52	18.3	17.8	15:52	16.5	16.7	-
15:53	20.0	19.5	15:53	19.0	17.9	15:53	15.3	16.5	-
15:54	20.0	19.5	15:54	19.0	18.0	15:54	14.8	16.6	-
15:55	15.0	19.2	15:55	18.5	18.1	15:55	14.3	16.5	-
15:56	20.0	19.2	15:56	18.3	18.2	15:56	14.8	16.4	-
15:57	14.8	18.8	15:57	18.0	18.3	15:57	15.0	16.4	-
15:58	19.5	18.8	15:58	18.5	18.3	15:58	15.0	16.4	-
15:59	20.0	18.8	15:59	18.5	18.4	15:59	21.8	16.9	-
16:00	20.3	18.8	16:00	19.0	18.4	16:00	19.5	17.2	-
16:01	20.0	18.8	16:01	19.0	18.5	16:01	17.5	17.4	-
16:02	20.0	18.7	16:02	19.5	18.6	16:02	18.3	17.0	-
16:03	20.3	18.7	16:03	18.0	18.7	16:03	16.3	16.6	-
16:04	15.5	18.4	16:04	18.5	18.7	16:04	15.0	16.4	-
16:05	20.0	18.4	16:05	18.5	18.6	16:05	15.0	16.3	-
16:06	15.0	18.4	16:06	19.5	18.7	16:06	14.8	16.2	-
16:07	20.0	18.7	16:07	18.0	18.7	16:07	14.5	16.1	-
16:08	20.0	18.7	16:08	18.0	18.6	16:08	15.5	16.1	-
16:09	20.3	18.7	16:09	18.0	18.5	16:09	15.5	16.2	-
16:10	20.8	19.1	16:10	18.0	18.5	16:10	14.3	16.2	-
16:11	14.5	18.7	16:11	18.0	18.5	16:11	14.8	16.2	-
16:12	18.5	19.0	16:12	17.3	18.4	16:12	13.8	16.1	-
16:13	18.0	18.9	16:13	16.0	18.3	16:13	13.0	16.0	-
16:14	18.0	18.7	16:14	15.8	18.1	16:14	13.5	15.4	-
16:15	18.0	18.6	16:15	15.5	17.8	16:15	14.0	15.0	-
16:16	13.3	18.1	16:16	15.3	17.6	16:16	14.0	14.8	-
16:17	18.0	18.0	16:17	14.8	17.3	16:17	13.5	14.5	-
16:18	18.0	17.9	16:18	14.0	17.0	16:18	12.3	14.2	-
16:19	17.0	18.0	16:19	13.3	16.7	16:19	13.5	14.1	-
16:20	15.5	17.7	16:20	12.0	16.2	16:20	14.0	14.1	-
16:21	11.0	17.4	16:21	11.5	15.7	16:21	12.8	13.9	-
16:22	11.5	16.8	16:22	14.0	15.4	16:22	11.0	13.7	-
16:23	14.0	16.4	16:23	15.3	15.2	16:23	11.5	13.4	-
16:24	12.8	15.9	16:24	15.8	15.1	16:24	11.5	13.2	-
16:25	12.0	15.3	16:25	14.3	14.8	16:25	10.3	12.9	-
16:26	11.5	15.1	16:26	11.3	14.4	16:26	10.0	12.6	-
16:27	10.3	14.6	16:27	15.0	14.2	16:27	10.3	12.3	-
16:28	12.0	14.2	16:28	11.3	13.9	16:28	10.0	12.1	-
16:29	13.3	13.9	16:29	14.0	13.8	16:29	10.0	11.9	-
16:30	11.8	13.5	16:30	15.0	13.8	16:30	10.0	11.6	-
16:31	12.0	13.4	16:31	14.8	13.7	16:31	9.8	11.4	-
16:32	11.3	12.9	16:32	13.8	13.7	16:32	9.0	11.1	-
16:33	12.3	12.5	16:33	12.0	13.5	16:33	8.8	10.8	-
16:34	17.8	12.6	16:34	11.8	13.4	16:34	8.0	10.5	-
16:35	10.5	12.3	16:35	11.0	13.4	16:35	8.0	10.1	-
16:36	9.5	12.2	16:36	11.0	13.3	16:36	7.3	9.7	-
16:37	14.0	12.3	16:37	11.8	13.2	16:37	7.0	9.4	-
16:38	10.8	12.1	16:38	12.0	13.0	16:38	7.0	9.1	-
16:39	9.5	11.9	16:39	9.2	12.5	16:39	7.3	8.8	-
16:40	13.3	12.0	16:40	11.0	12.3	16:40	8.0	8.7	-
16:41	10.0	11.9	16:41	12.0	12.4	16:41	8.3	8.6	-
16:42	12.0	12.0	16:42	8.5	11.9	16:42	7.8	8.4	-
16:43	10.8	11.9	16:43	10.0	11.8	16:43	7.0	8.2	-
16:44	10.3	11.7	16:44	7.5	11.4	16:44	6.8	8.0	-
16:45	10.0	11.6	16:45	9.8	11.1	16:45	8.0	7.9	-
16:46	9.5	11.4	16:46	9.8	10.7	16:46	7.8	7.7	-
16:47	10.8	11.4	16:47	9.5	10.4	16:47	6.3	7.5	-

Thursday, March 2, 2023

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

Number of Comparable Data Points = 570

Start Time: 7:03

End Time: 16:47

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	0.0	-	7:03	0.0	-	-
7:04	0.0	-	7:04	0.0	-	7:04	0.0	-	-
7:05	0.0	-	7:05	0.0	-	7:05	0.0	-	-
7:06	0.0	-	7:06	0.0	-	7:06	0.0	-	-
7:07	0.0	-	7:07	0.0	-	7:07	0.0	-	-
7:08	0.0	-	7:08	0.0	-	7:08	0.0	-	-
7:09	0.0	-	7:09	0.0	-	7:09	0.0	-	-
7:10	0.0	-	7:10	0.0	-	7:10	0.0	-	-
7:11	0.0	-	7:11	0.0	-	7:11	0.0	-	-
7:12	0.0	-	7:12	0.0	-	7:12	0.0	-	-
7:13	0.0	-	7:13	0.0	-	7:13	0.0	-	-
7:14	0.0	-	7:14	0.0	-	7:14	0.0	-	-
7:15	0.0	-	7:15	0.0	-	7:15	0.0	-	-
7:16	0.0	-	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	0.0	7:18	0.0	0.0	-
7:19	0.0	0.0	7:19	0.0	0.0	7:19	0.0	0.0	-
7:20	0.0	0.0	7:20	0.0	0.0	7:20	0.0	0.0	-
7:21	0.0	0.0	7:21	0.0	0.0	7:21	0.0	0.0	-
7:22	0.0	0.0	7:22	0.0	0.0	7:22	0.0	0.0	-
7:23	0.0	0.0	7:23	0.0	0.0	7:23	0.0	0.0	-
7:24	0.0	0.0	7:24	0.0	0.0	7:24	0.0	0.0	-
7:25	0.0	0.0	7:25	0.0	0.0	7:25	0.0	0.0	-
7:26	0.0	0.0	7:26	0.0	0.0	7:26	0.0	0.0	-
7:27	0.0	0.0	7:27	0.0	0.0	7:27	0.0	0.0	-
7:28	0.0	0.0	7:28	0.0	0.0	7:28	0.0	0.0	-
7:29	0.0	0.0	7:29	0.0	0.0	7:29	0.0	0.0	-
7:30	0.0	0.0	7:30	0.0	0.0	7:30	0.0	0.0	-
7:31	0.0	0.0	7:31	0.0	0.0	7:31	0.0	0.0	-
7:32	0.0	0.0	7:32	0.0	0.0	7:32	0.0	0.0	-
7:33	0.0	0.0	7:33	0.0	0.0	7:33	0.0	0.0	-
7:34	0.0	0.0	7:34	0.0	0.0	7:34	0.0	0.0	-
7:35	0.0	0.0	7:35	0.0	0.0	7:35	0.0	0.0	-
7:36	0.0	0.0	7:36	0.0	0.0	7:36	0.0	0.0	-
7:37	0.0	0.0	7:37	0.0	0.0	7:37	0.0	0.0	-
7:38	0.0	0.0	7:38	0.0	0.0	7:38	0.0	0.0	-
7:39	0.0	0.0	7:39	0.0	0.0	7:39	0.0	0.0	-
7:40	0.0	0.0	7:40	0.0	0.0	7:40	0.0	0.0	-
7:41	0.0	0.0	7:41	0.0	0.0	7:41	0.0	0.0	-
7:42	0.0	0.0	7:42	0.0	0.0	7:42	0.0	0.0	-
7:43	0.0	0.0	7:43	0.0	0.0	7:43	0.0	0.0	-
7:44	0.0	0.0	7:44	0.0	0.0	7:44	0.0	0.0	-
7:45	0.0	0.0	7:45	0.0	0.0	7:45	0.0	0.0	-
7:46	0.0	0.0	7:46	0.0	0.0	7:46	0.0	0.0	-
7:47	0.0	0.0	7:47	0.0	0.0	7:47	0.0	0.0	-
7:48	0.0	0.0	7:48	0.0	0.0	7:48	0.0	0.0	-
7:49	0.0	0.0	7:49	0.0	0.0	7:49	0.0	0.0	-
7:50	0.0	0.0	7:50	0.0	0.0	7:50	0.0	0.0	-
7:51	0.0	0.0	7:51	0.0	0.0	7:51	0.0	0.0	-
7:52	0.0	0.0	7:52	0.0	0.0	7:52	0.0	0.0	-
7:53	0.0	0.0	7:53	0.0	0.0	7:53	0.0	0.0	-
7:54	0.0	0.0	7:54	0.0	0.0	7:54	0.0	0.0	-
7:55	0.0	0.0	7:55	0.0	0.0	7:55	0.0	0.0	-
7:56	0.0	0.0	7:56	0.0	0.0	7:56	0.0	0.0	-
7:57	0.0	0.0	7:57	0.0	0.0	7:57	0.0	0.0	-
7:58	0.0	0.0	7:58	0.0	0.0	7:58	0.0	0.0	-
7:59	0.0	0.0	7:59	0.0	0.0	7:59	0.0	0.0	-
8:00	0.0	0.0	8:00	0.0	0.0	8:00	0.0	0.0	-
8:01	0.0	0.0	8:01	0.0	0.0	8:01	0.0	0.0	-
8:02	0.0	0.0	8:02	0.0	0.0	8:02	0.0	0.0	-
8:03	0.0	0.0	8:03	0.0	0.0	8:03	0.0	0.0	-
8:04	0.0	0.0	8:04	0.0	0.0	8:04	0.0	0.0	-
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	0.0	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	0.0	0.0	15:53	0.0	0.0	15:53	0.0	0.0	-
15:54	0.0	0.0	15:54	0.0	0.0	15:54	0.0	0.0	-
15:55	0.0	0.0	15:55	0.0	0.0	15:55	0.0	0.0	-
15:56	0.0	0.0	15:56	0.0	0.0	15:56	0.0	0.0	-
15:57	0.0	0.0	15:57	0.0	0.0	15:57	0.0	0.0	-
15:58	0.0	0.0	15:58	0.0	0.0	15:58	0.0	0.0	-
15:59	0.0	0.0	15:59	0.0	0.0	15:59	0.0	0.0	-
16:00	0.0	0.0	16:00	0.0	0.0	16:00	0.0	0.0	-
16:01	0.0	0.0	16:01	0.0	0.0	16:01	0.0	0.0	-
16:02	0.0	0.0	16:02	0.0	0.0	16:02	0.0	0.0	-
16:03	0.0	0.0	16:03	0.0	0.0	16:03	0.0	0.0	-
16:04	0.0	0.0	16:04	0.0	0.0	16:04	0.0	0.0	-
16:05	0.0	0.0	16:05	0.0	0.0	16:05	0.0	0.0	-
16:06	0.0	0.0	16:06	0.0	0.0	16:06	0.0	0.0	-
16:07	0.0	0.0	16:07	0.0	0.0	16:07	0.0	0.0	-
16:08	0.0	0.0	16:08	0.0	0.0	16:08	0.0	0.0	-
16:09	0.0	0.0	16:09	0.0	0.0	16:09	0.0	0.0	-
16:10	0.0	0.0	16:10	0.0	0.0	16:10	0.0	0.0	-
16:11	0.0	0.0	16:11	0.0	0.0	16:11	0.0	0.0	-
16:12	0.0	0.0	16:12	0.0	0.0	16:12	0.0	0.0	-
16:13	0.0	0.0	16:13	0.0	0.0	16:13	0.0	0.0	-
16:14	0.0	0.0	16:14	0.0	0.0	16:14	0.0	0.0	-
16:15	0.0	0.0	16:15	0.0	0.0	16:15	0.0	0.0	-
16:16	0.0	0.0	16:16	0.0	0.0	16:16	0.0	0.0	-
16:17	0.0	0.0	16:17	0.0	0.0	16:17	0.0	0.0	-
16:18	0.0	0.0	16:18	0.0	0.0	16:18	0.0	0.0	-
16:19	0.0	0.0	16:19	0.0	0.0	16:19	0.0	0.0	-
16:20	0.0	0.0	16:20	0.0	0.0	16:20	0.0	0.0	-
16:21	0.0	0.0	16:21	0.0	0.0	16:21	0.0	0.0	-
16:22	0.0	0.0	16:22	0.0	0.0	16:22	0.0	0.0	-
16:23	0.0	0.0	16:23	0.0	0.0	16:23	0.0	0.0	-
16:24	0.0	0.0	16:24	0.0	0.0	16:24	0.0	0.0	-
16:25	0.0	0.0	16:25	0.0	0.0	16:25	0.0	0.0	-
16:26	0.0	0.0	16:26	0.0	0.0	16:26	0.0	0.0	-
16:27	0.0	0.0	16:27	0.0	0.0	16:27	0.0	0.0	-
16:28	0.0	0.0	16:28	0.0	0.0	16:28	0.0	0.0	-
16:29	0.0	0.0	16:29	0.0	0.0	16:29	0.0	0.0	-
16:30	0.0	0.0	16:30	0.0	0.0	16:30	0.0	0.0	-
16:31	0.0	0.0	16:31	0.0	0.0	16:31	0.0	0.0	-
16:32	0.0	0.0	16:32	0.0	0.0	16:32	0.0	0.0	-
16:33	0.0	0.0	16:33	0.0	0.0	16:33	0.0	0.0	-
16:34	0.0	0.0	16:34	0.0	0.0	16:34	0.0	0.0	-
16:35	0.0	0.0	16:35	0.0	0.0	16:35	0.0	0.0	-
16:36	0.0	0.0	16:36	0.0	0.0	16:36	0.0	0.0	-
16:37	0.0	0.0	16:37	0.0	0.0	16:37	0.0	0.0	-
16:38	0.0	0.0	16:38	0.0	0.0	16:38	0.0	0.0	-
16:39	0.0	0.0	16:39	0.0	0.0	16:39	0.0	0.0	-
16:40	0.0	0.0	16:40	0.0	0.0	16:40	0.0	0.0	-
16:41	0.0	0.0	16:41	0.0	0.0	16:41	0.0	0.0	-
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	-