LANGAN SITE OBSERVATION REPORT – Day 089

CLIENT:	Gowanus Canal LLC and GowCan Owner, LLC	**DATE:**	Friday, December 23, 2022
PROJECT No.:	170295301	**WEATHER:**	Cloudy/rain, 46 to 52 °F Wind: S @ 6-9 mph
PROJECT:	Gowanus Canal Northside	**TIME:**	06:30 – 14:00
LOCATION:	Brooklyn, New York	**BCP SITE ID:**	C224080

EQUIPMENT:

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
Geoprobe 54 DT Drill Rig
Junttan PM20/25 Drill Rig
JLG HC3 Boom Lift

PRESENT AT SITE:

Langan: Brian Kenneally, (Environmental), Ahmed Mahmoud (Geotechnical)
Urban Atelier Group (UAG): Seth Anderson
Kingdom Associates, Inc. (Kingdom): Marcin Hulewicz, George Minchala

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 and soil from waste characterization cells WC02, WC03, and WC05 (WC02_COMP_0-5, WC03_COMP_0-5, WC03_COMP_5-10, WC03_COMP_10-15, WC05_COMP_0-5, WC05_COMP_5-10, and WC05_COMP_10-15) using permitted tri-axle trucks for off-site disposal. See material tracking section for details.
- Kingdom imported two truckloads of 2.5-inch virgin stone. The stone was placed on top of geotextile fabric to construct a stabilized construction entrance and trucking pad. See material tracking section for details.
- Kingdom excavated an about 5-foot-long by 5-foot-wide area to about 3 feet below grade surface (bgs) for structural pile cap load testing in the northeastern part of Sackett Place. Excavated material consisted of historic fill.
    - Excavated soil was screened for odor, staining, and organic vapor using a photoionization detector (PID). Petroleum-like impacts including petroleum-like odor and a maximum PID reading of 7.2 parts per million (ppm) were observed.
    - The excavated soil was stockpiled in the southern part of Sackett Place on top of and covered in polyethylene sheeting pending future off-site disposal or live-loaded into permitted tri-axle trucks for off-site disposal.
    - The base of the excavation and stockpile were covered with polyethylene sheeting at the end of the day.
- Kingdom placed concrete for structural pile cap installation in the eastern part of Society Brooklyn.

Import and Export Tracking

- Kingdom exported 10 truckloads of non-hazardous historic fill and soil from waste characterization cells WC02, WC03, and WC05 (WC02_COMP_0-5, WC03_COMP_0-5, WC03_COMP_5-10, WC03_COMP_10-15, WC05_COMP_0-5, WC05_COMP_5-10, and WC05_COMP_10-15) to Bayshore Soil Management (BSM) in Keasbey, NJ.

Cc:	J. Hayes, M. Burke, P. Farnham, E. Adkins, A. Nesci	By:	Brian Kenneally **Langan, D.P.C.**

- Kingdom imported 2 truckloads of 2.5-inch virgin stone from the Stavola Construction Materials Bound Brook quarry in Bridgewater, NJ.

Soil/Fill Export Summary			
Facility	**Exported**	**Today**	**Total**
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	**No. Loads**	10	**453**
	Quantity (CY)	200	**9,060**
Bayshore Soil Management Keasbey, NJ Non-Hazardous MGP-Impacted Soil/Fill	**No. Loads**	0	**79**
	Quantity (CY)	0	**1,580**

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**	2	**8**
		Quantity (CY)	40	**160**
87 19th Avenue Astoria, NY 2.5-inch Stone	2,000	**No. Loads**	0	**13**
		Quantity (CY)	0	**290**
Impact Environmental Jersey City, NJ 0.5-inch Crushed Stone	2,000	**No. Loads**	0	**2**
		Quantity (CY)	0	**40**
Impact Environmental Lyndhurst, NJ 0.75-inch Stone	4,000	**No. Loads**	0	**3**
		Quantity (CY)	0	**60**

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).
    - Due to persistent rain, community air monitoring was not implemented after 12:27. No dust or odor were observed.

Anticipated Activities

- Kingdom will continue to install SOE at Society Brooklyn and Sackett Place.
- Kingdom will continue excavation for structural pile cap installation at Society Brooklyn and Sackett Place.

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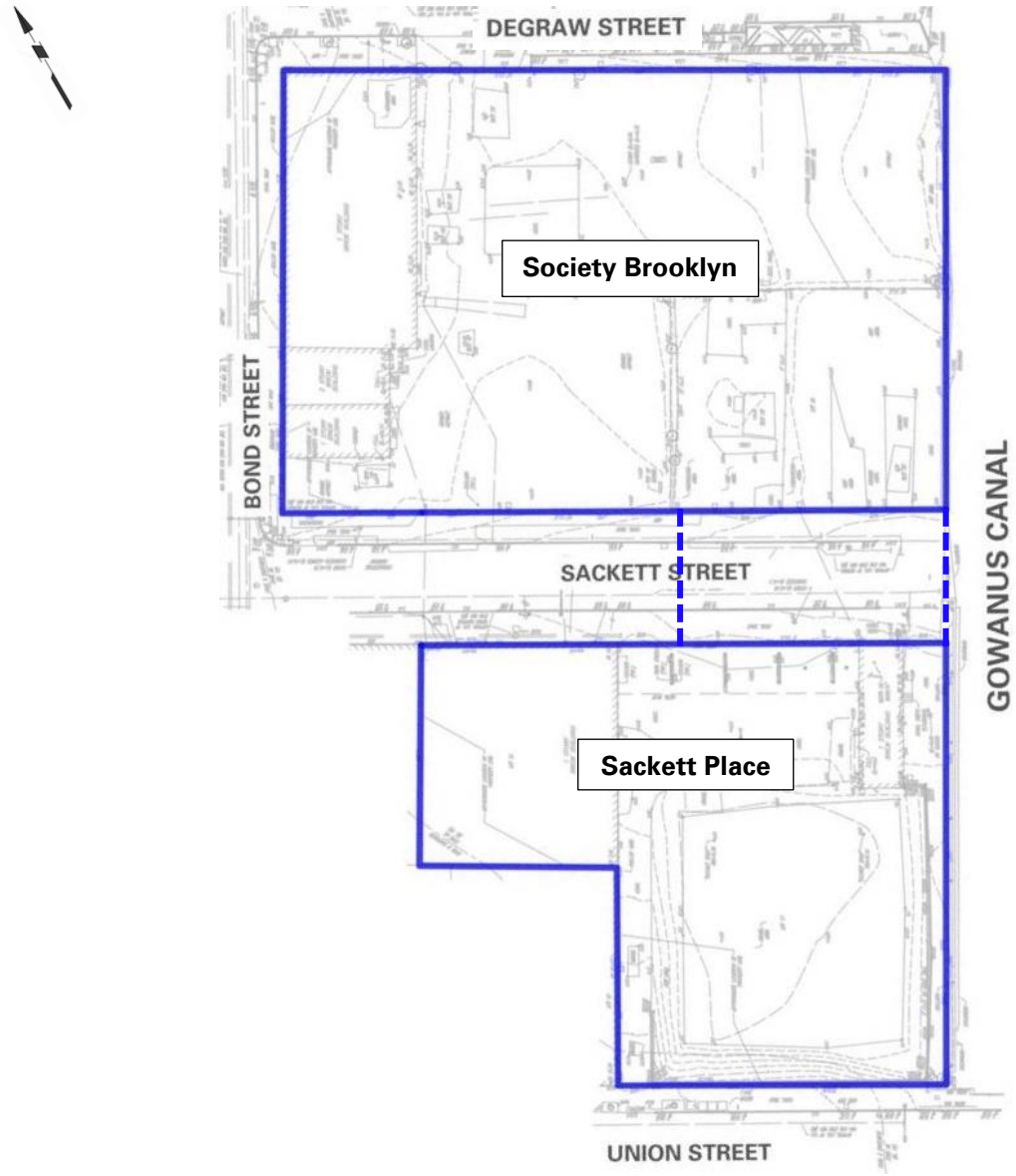
Site Photographs:

Photo 1: Kingdom live-loading a permitted tri-axle tuck with non-hazardous soil and historic fill for off-site disposal from Society Brooklyn (facing northeast)

Photo 2: Kingdom excavating in the northeastern part of Sackett Place for pile cap load testing (facing north)

Cc:	J. Hayes, M. Burke, P. Farnham, E. Adkins, A. Nesci	By:	Brian Kenneally
			Langan, D.P.C.

Site Map 1:



Legend

Approximate BCP site boundary

Approximate construction fence boundary

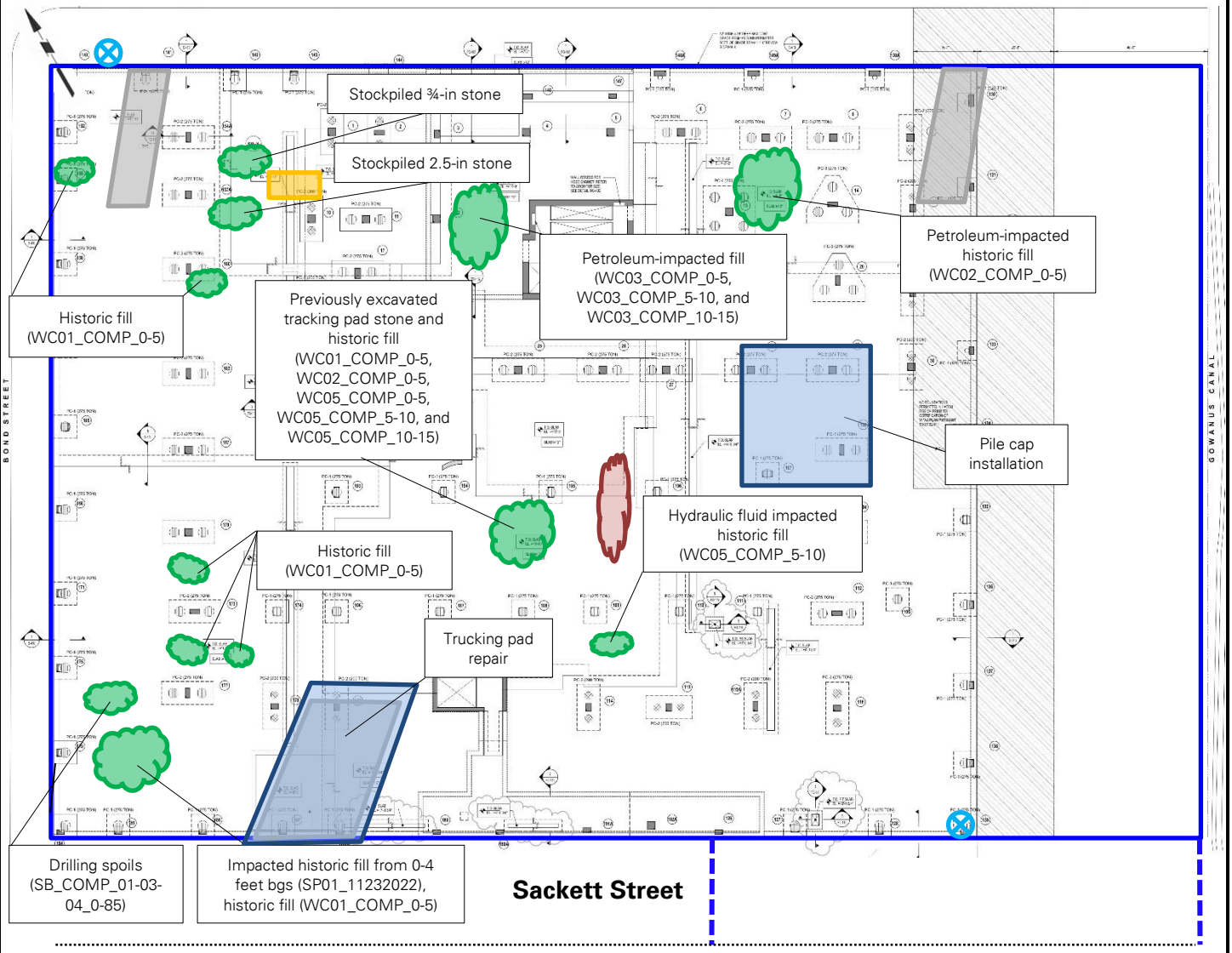
Notes

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

Cc:	J. Hayes, M. Burke, P. Farnham, E. Adkins, A. Nesci	By:	Brian Kenneally **Langan, D.P.C.**

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

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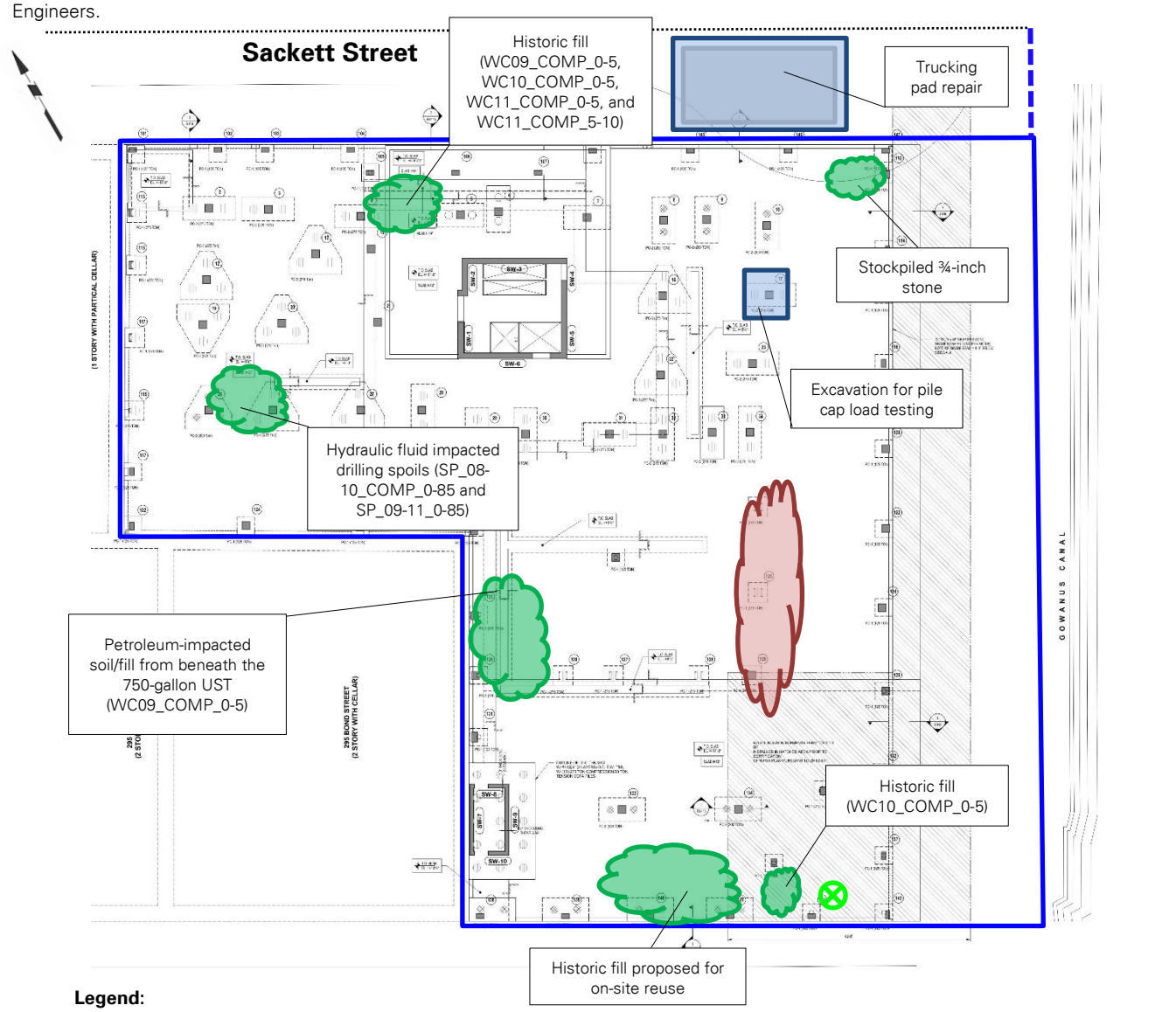
Site Map 3: Southern Work Area Map (Sackett Place)

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 C&D debris stockpile location

Cc:	J. Hayes, M. Burke, P. Farnham, E. Adkins, A. Nesci	By:	Brian Kenneally **Langan, D.P.C.**

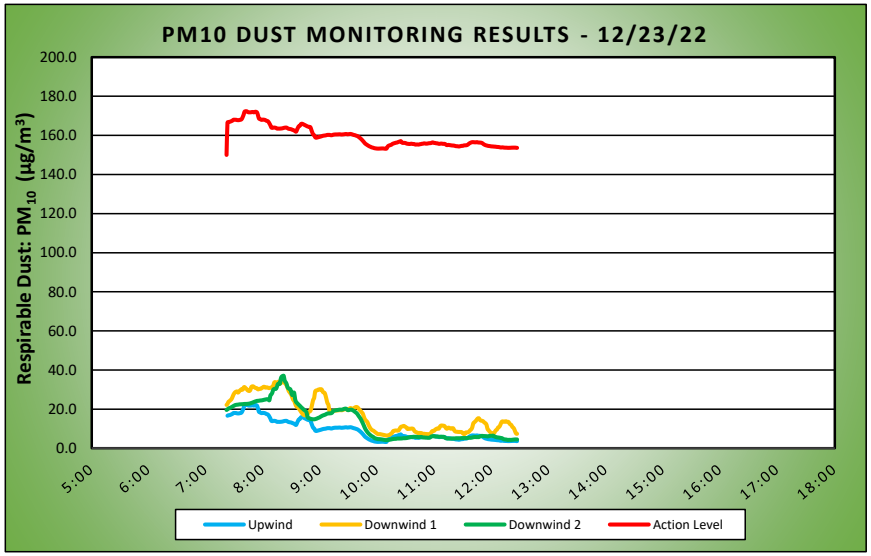
LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

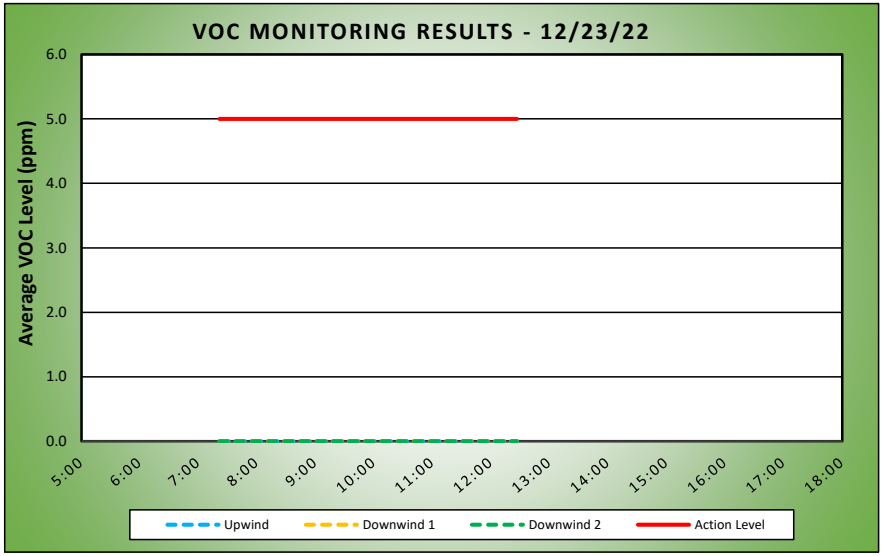
DAILY AIR MONITORING REPORT
Gowanus Canal Northside
267 Bond Street, Brooklyn, New York

12/23/22	
Project number: 170295301	
Page 1 of 2	Rev. No. 0
Submitted By:	
Dust Action Level	150 µg/m^3
TVOC Action Level	5 ppm

Weather Data Range for Work Day		Wind Direction	S	Relative Humidity (%)	0.0 - 0.0	Daily Rain (in)	0.12	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	46.0 - 52.0	Wind Speed (MPH)	6.3 - 8.9	Barometer (inHg)	0.00 - 0.00			

Station Location Work Area	Daily Avg. Dust Concentration (µg/m^3)	Max 15 Min Dust Concentration (µg/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	9.3	22.4	7:43	0.0	0.0	7:23
Downwind 1	17.2	34.1	8:17	0.0	0.0	7:54
Downwind 2	13.2	37.1	8:22	0.0	0.0	7:22



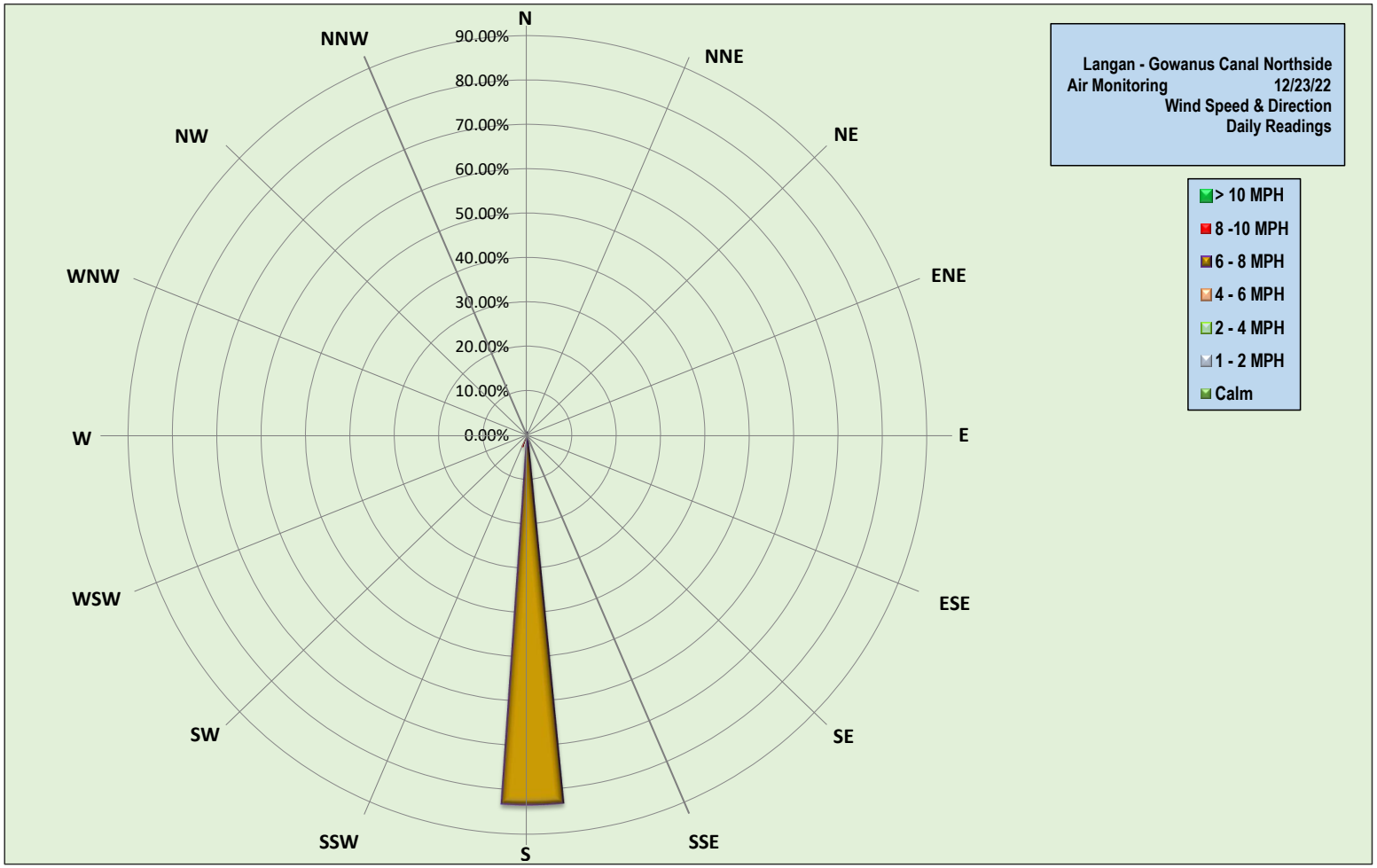


Air Monitoring Notes:

Sampling Notes:

Weather Notes:

EMILCOTT
environmental, health & safety experts


Langan - Gowanus Canal Northside
Air Monitoring 12/23/22
Wind Speed & Direction
Daily Readings
> 10 MPH
8 -10 MPH
6 - 8 MPH
4 - 6 MPH
2 - 4 MPH
1 - 2 MPH
Calm
N
NNE
NE
ENE
E
ESE
SE
SSE
S
SSW
SW
WSW
W
WNW
NW
NNW
90.00%
80.00%
70.00%
60.00%
50.00%
40.00%
30.00%
20.00%
10.00%
0.00%

Friday, December 23, 2022									
							Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =		0
							Number of Comparable Data Points =		305
							Start Time:		7:07
							End Time:		12:27
PARTICULATE DATA									
Upwind			Downwind						
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)	Exceeds Particulate Alarm Limit
7:08	10.5	-	7:08	18.0	-	7:08	16.8	-	-
7:09	14.8	-	7:09	19.3	-	7:09	17.0	-	-
7:10	15.8	-	7:10	19.5	-	7:10	18.3	-	-
7:11	15.3	-	7:11	21.0	-	7:11	20.0	-	-
7:12	14.3	-	7:12	25.0	-	7:12	19.0	-	-
7:13	14.0	-	7:13	20.5	-	7:13	19.0	-	-
7:14	15.5	-	7:14	20.0	-	7:14	19.0	-	-
7:15	18.0	-	7:15	20.0	-	7:15	19.0	-	-
7:16	17.0	-	7:16	20.5	-	7:16	19.3	-	-
7:17	16.0	-	7:17	21.0	-	7:17	20.3	-	-
7:18	18.8	-	7:18	22.0	-	7:18	21.0	-	-
7:19	17.5	-	7:19	34.8	-	7:19	21.3	-	-
7:20	17.0	-	7:20	25.0	-	7:20	20.8	-	-
7:21	17.8	-	7:21	22.8	-	7:21	20.8	-	-
7:22	18.0	-	7:22	23.0	22.2	7:22	22.0	19.6	-
7:23	19.8	16.6	7:23	25.5	22.7	7:23	22.0	19.9	-
7:24	18.0	16.8	7:24	34.5	23.7	7:24	22.0	20.2	-
7:25	17.0	16.9	7:25	25.3	24.1	7:25	22.8	20.5	-
7:26	17.3	17.1	7:26	28.0	24.5	7:26	22.3	20.7	-
7:27	17.8	17.3	7:27	32.0	25.0	7:27	23.0	21.0	-
7:28	17.0	17.5	7:28	34.0	25.9	7:28	23.0	21.2	-
7:29	22.0	17.9	7:29	38.0	27.1	7:29	23.5	21.5	-
7:30	19.5	18.0	7:30	33.5	28.0	7:30	23.0	21.8	-
7:31	16.5	18.0	7:31	29.8	28.6	7:31	23.0	22.0	-
7:32	16.0	18.0	7:32	25.3	28.9	7:32	22.3	22.2	-
7:33	16.5	17.8	7:33	24.3	29.0	7:33	22.0	22.2	-
7:34	17.0	17.8	7:34	25.5	28.4	7:34	22.0	22.3	-
7:35	17.0	17.8	7:35	32.5	28.9	7:35	22.0	22.4	-
7:36	20.0	18.0	7:36	31.3	29.5	7:36	22.0	22.5	-
7:37	19.0	18.0	7:37	29.3	29.9	7:37	22.0	22.5	-
7:38	25.5	18.4	7:38	30.5	30.2	7:38	22.8	22.5	-
7:39	33.3	19.4	7:39	30.5	30.0	7:39	22.3	22.5	-
7:40	36.0	20.7	7:40	41.5	31.1	7:40	23.8	22.6	-
7:41	40.0	22.2	7:41	31.3	31.3	7:41	23.0	22.6	-
7:42	18.8	22.3	7:42	23.0	30.7	7:42	23.0	22.6	-
7:43	18.5	22.4	7:43	29.0	30.3	7:43	23.3	22.7	-
7:44	17.8	22.1	7:44	28.3	29.7	7:44	24.0	22.7	-
7:45	15.5	21.8	7:45	29.0	29.4	7:45	24.0	22.8	-
7:46	16.3	21.8	7:46	28.0	29.3	7:46	24.0	22.8	-
7:47	16.0	21.8	7:47	33.3	29.8	7:47	24.3	23.0	-
7:48	17.3	21.9	7:48	46.5	31.3	7:48	24.8	23.1	-
7:49	18.8	22.0	7:49	30.5	31.6	7:49	24.3	23.3	-
7:50	15.8	21.9	7:50	32.5	31.6	7:50	25.0	23.5	-
7:51	18.8	21.8	7:51	26.0	31.3	7:51	25.0	23.7	-
7:52	23.0	22.1	7:52	24.5	31.0	7:52	25.0	23.9	-
7:53	25.0	22.0	7:53	26.5	30.7	7:53	25.0	24.0	-
7:54	28.8	21.7	7:54	30.5	30.7	7:54	24.8	24.2	-
7:55	15.0	20.3	7:55	32.8	30.1	7:55	24.0	24.2	-
7:56	14.5	18.6	7:56	33.3	30.2	7:56	24.0	24.3	-
7:57	14.8	18.4	7:57	25.5	30.4	7:57	24.5	24.4	-
7:58	14.5	18.1	7:58	28.8	30.4	7:58	24.0	24.4	-
7:59	15.3	17.9	7:59	34.5	30.8	7:59	24.8	24.5	-
8:00	17.8	18.1	8:00	32.5	31.0	8:00	25.5	24.6	-
8:01	15.3	18.0	8:01	34.0	31.4	8:01	26.0	24.7	-
8:02	15.0	18.0	8:02	30.8	31.3	8:02	26.0	24.8	-
8:03	14.3	17.8	8:03	41.8	31.0	8:03	26.0	24.9	-
8:04	14.3	17.5	8:04	32.8	31.1	8:04	26.0	25.0	-
8:05	14.0	17.3	8:05	31.8	31.1	8:05	24.5	25.0	-
8:06	12.5	16.9	8:06	22.5	30.8	8:06	21.8	24.8	-
8:07	11.0	16.1	8:07	23.5	30.8	8:07	21.3	24.5	-
8:08	11.3	15.2	8:08	29.5	31.0	8:08	61.0	26.9	-
8:09	11.3	14.0	8:09	32.5	31.1	8:09	33.8	27.5	-
8:10	12.3	13.9	8:10	37.8	31.4	8:10	35.8	28.3	-
8:11	16.0	14.0	8:11	39.3	31.8	8:11	47.8	29.9	-
8:12	15.5	14.0	8:12	51.0	33.5	8:12	30.3	30.3	-
8:13	13.5	13.9	8:13	33.5	33.8	8:13	25.0	30.4	-
8:14	13.0	13.8	8:14	30.3	33.6	8:14	25.3	30.4	-
8:15	13.3	13.5	8:15	32.0	33.5	8:15	43.8	31.6	-
8:16	15.3	13.5	8:16	37.3	33.7	8:16	45.5	32.9	-
8:17	14.8	13.5	8:17	36.5	34.1	8:17	27.0	33.0	-
8:18	14.3	13.5	8:18	25.0	33.0	8:18	25.3	32.9	-

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)	
8:19	15.0	13.5	8:19	38.8	33.4	8:19	67.0	35.7	-
8:20	14.8	13.6	8:20	35.3	33.6	8:20	39.3	36.6	-
8:21	14.0	13.7	8:21	24.8	33.8	8:21	25.3	36.9	-
8:22	13.3	13.8	8:22	23.3	33.8	8:22	24.0	37.1	-
8:23	13.0	13.9	8:23	24.0	33.4	8:23	23.5	34.6	-
8:24	12.0	14.0	8:24	24.5	32.9	8:24	22.8	33.8	-
8:25	12.0	14.0	8:25	26.3	32.1	8:25	22.5	32.9	-
8:26	11.8	13.7	8:26	24.3	31.1	8:26	22.0	31.2	-
8:27	11.5	13.4	8:27	27.8	29.6	8:27	21.0	30.6	-
8:28	12.0	13.3	8:28	21.8	28.8	8:28	21.8	30.4	-
8:29	11.5	13.2	8:29	20.0	28.1	8:29	21.0	30.1	-
8:30	11.8	13.1	8:30	20.0	27.3	8:30	20.5	28.6	-
8:31	11.8	12.9	8:31	18.3	26.0	8:31	24.5	27.2	-
8:32	12.3	12.7	8:32	17.0	24.7	8:32	46.0	28.4	-
8:33	10.5	12.5	8:33	18.3	24.3	8:33	24.0	28.3	-
8:34	10.5	12.2	8:34	17.5	22.9	8:34	18.3	25.1	-
8:35	10.5	11.9	8:35	17.8	21.7	8:35	18.3	23.7	-
8:36	29.3	12.9	8:36	17.3	21.2	8:36	17.0	23.1	-
8:37	29.3	14.0	8:37	16.3	20.7	8:37	16.3	22.6	-
8:38	25.0	14.8	8:38	15.8	20.2	8:38	16.0	22.1	-
8:39	14.0	14.9	8:39	15.0	19.5	8:39	16.0	21.7	-
8:40	24.5	15.7	8:40	14.5	18.8	8:40	14.5	21.1	-
8:41	15.0	16.0	8:41	14.5	18.1	8:41	14.8	20.7	-
8:42	9.8	15.8	8:42	17.8	17.4	8:42	15.0	20.3	-
8:43	8.0	15.6	8:43	15.8	17.0	8:43	14.5	19.8	-
8:44	8.0	15.3	8:44	16.8	16.8	8:44	15.0	19.4	-
8:45	8.0	15.1	8:45	21.0	16.9	8:45	14.5	19.0	-
8:46	8.0	14.8	8:46	17.5	16.8	8:46	13.8	18.3	-
8:47	8.5	14.6	8:47	23.3	17.3	8:47	14.0	16.1	-
8:48	8.3	14.4	8:48	35.3	18.4	8:48	14.3	15.5	-
8:49	8.8	14.3	8:49	23.8	18.8	8:49	15.5	15.3	-
8:50	9.0	14.2	8:50	21.5	19.1	8:50	15.0	15.1	-
8:51	9.0	12.9	8:51	40.0	20.6	8:51	15.0	14.9	-
8:52	9.0	11.5	8:52	49.0	22.8	8:52	14.8	14.8	-
8:53	9.0	10.5	8:53	46.5	24.8	8:53	15.3	14.8	-
8:54	9.0	10.1	8:54	28.5	25.7	8:54	16.0	14.8	-
8:55	9.3	9.1	8:55	63.8	29.0	8:55	16.0	14.9	-
8:56	10.8	8.8	8:56	22.3	29.5	8:56	17.0	15.0	-
8:57	11.0	8.9	8:57	19.0	29.6	8:57	17.5	15.2	-
8:58	10.0	9.0	8:58	19.8	29.9	8:58	18.3	15.5	-
8:59	10.0	9.2	8:59	20.3	30.1	8:59	17.8	15.6	-
9:00	10.0	9.3	9:00	18.5	29.9	9:00	18.0	15.9	-
9:01	10.0	9.4	9:01	21.8	30.2	9:01	18.8	16.2	-
9:02	11.0	9.6	9:02	19.8	30.0	9:02	18.0	16.5	-
9:03	10.8	9.8	9:03	18.5	28.9	9:03	18.0	16.7	-
9:04	10.3	9.9	9:04	18.5	28.5	9:04	18.0	16.9	-
9:05	10.0	9.9	9:05	18.0	28.3	9:05	17.8	17.1	-
9:06	10.0	10.0	9:06	18.3	26.8	9:06	18.0	17.3	-
9:07	11.0	10.1	9:07	19.3	24.8	9:07	19.0	17.6	-
9:08	10.8	10.3	9:08	18.5	23.0	9:08	17.8	17.7	-
9:09	9.0	10.3	9:09	16.5	22.2	9:09	17.0	17.8	-
9:10	9.5	10.3	9:10	16.0	19.0	9:10	16.5	17.8	-
9:11	9.0	10.2	9:11	17.0	18.6	9:11	17.5	17.9	-
9:12	10.0	10.1	9:12	19.0	18.6	9:12	18.8	17.9	-
9:13	11.3	10.2	9:13	21.3	18.7	9:13	23.3	18.3	-
9:14	12.8	10.4	9:14	25.0	19.1	9:14	28.5	19.0	-
9:15	11.0	10.4	9:15	21.5	19.3	9:15	22.0	19.3	-
9:16	11.0	10.5	9:16	21.3	19.2	9:16	20.0	19.3	-
9:17	11.0	10.5	9:17	20.5	19.3	9:17	19.5	19.4	-
9:18	11.0	10.5	9:18	19.3	19.3	9:18	19.0	19.5	-
9:19	10.3	10.5	9:19	19.0	19.4	9:19	19.0	19.6	-
9:20	10.8	10.6	9:20	19.0	19.4	9:20	19.3	19.7	-
9:21	10.0	10.6	9:21	19.0	19.5	9:21	19.0	19.7	-
9:22	10.0	10.5	9:22	19.0	19.5	9:22	18.5	19.7	-
9:23	10.0	10.4	9:23	18.0	19.4	9:23	18.0	19.7	-
9:24	10.0	10.5	9:24	18.5	19.6	9:24	18.8	19.8	-
9:25	10.0	10.5	9:25	19.0	19.8	9:25	19.5	20.0	-
9:26	10.3	10.6	9:26	19.5	19.9	9:26	19.5	20.2	-
9:27	11.0	10.7	9:27	20.0	20.0	9:27	20.0	20.3	-
9:28	11.0	10.7	9:28	20.0	19.9	9:28	20.0	20.0	-
9:29	11.0	10.6	9:29	20.8	19.6	9:29	21.0	19.5	-
9:30	12.0	10.6	9:30	21.0	19.6	9:30	21.0	19.5	-
9:31	11.8	10.7	9:31	29.8	20.2	9:31	21.8	19.6	-
9:32	12.0	10.7	9:32	26.3	20.5	9:32	21.0	19.7	-
9:33	9.8	10.7	9:33	16.8	20.4	9:33	19.3	19.7	-
9:34	8.0	10.5	9:34	15.3	20.1	9:34	16.3	19.5	-

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)	
9:35	8.0	10.3	9:35	18.5	20.1	9:35	15.5	19.3	-
9:36	8.0	10.2	9:36	26.5	20.6	9:36	13.5	18.9	-
9:37	8.3	10.1	9:37	23.3	20.9	9:37	13.0	18.5	-
9:38	7.0	9.9	9:38	21.0	21.1	9:38	12.3	18.2	-
9:39	7.8	9.7	9:39	17.5	21.0	9:39	11.8	17.7	-
9:40	6.0	9.5	9:40	13.5	20.6	9:40	9.5	17.0	-
9:41	5.0	9.1	9:41	10.3	20.0	9:41	8.5	16.3	-
9:42	5.0	8.7	9:42	11.5	19.5	9:42	9.8	15.6	-
9:43	4.5	8.3	9:43	12.3	18.9	9:43	8.5	14.8	-
9:44	4.0	7.8	9:44	11.3	18.3	9:44	6.0	13.8	-
9:45	4.0	7.3	9:45	12.5	17.7	9:45	6.0	12.8	-
9:46	3.3	6.7	9:46	8.8	16.3	9:46	5.0	11.7	-
9:47	3.0	6.1	9:47	7.0	15.1	9:47	4.0	10.6	-
9:48	3.0	5.7	9:48	6.0	14.3	9:48	4.5	9.6	-
9:49	3.0	5.3	9:49	7.8	13.8	9:49	5.0	8.9	-
9:50	3.0	5.0	9:50	8.5	13.2	9:50	5.0	8.2	-
9:51	3.5	4.7	9:51	9.0	12.0	9:51	5.0	7.6	-
9:52	4.0	4.4	9:52	8.5	11.0	9:52	5.8	7.1	-
9:53	4.0	4.2	9:53	8.3	10.2	9:53	6.0	6.7	-
9:54	4.0	4.0	9:54	8.8	9.6	9:54	6.0	6.3	-
9:55	3.8	3.8	9:55	7.8	9.2	9:55	5.0	6.0	-
9:56	3.0	3.7	9:56	7.0	9.0	9:56	4.5	5.7	-
9:57	2.3	3.5	9:57	6.3	8.6	9:57	4.0	5.4	-
9:58	3.0	3.4	9:58	6.0	8.2	9:58	4.0	5.1	-
9:59	3.0	3.3	9:59	6.0	7.9	9:59	4.0	4.9	-
10:00	3.0	3.3	10:00	6.5	7.5	10:00	4.0	4.8	-
10:01	3.0	3.2	10:01	5.3	7.2	10:01	3.0	4.7	-
10:02	3.0	3.2	10:02	6.0	7.2	10:02	4.0	4.7	-
10:03	3.5	3.3	10:03	6.8	7.2	10:03	4.0	4.6	-
10:04	3.3	3.3	10:04	6.0	7.1	10:04	4.0	4.6	-
10:05	3.5	3.3	10:05	7.0	7.0	10:05	4.0	4.5	-
10:06	3.5	3.3	10:06	7.3	6.9	10:06	4.0	4.4	-
10:07	3.5	3.3	10:07	7.0	6.8	10:07	4.0	4.3	-
10:08	3.0	3.2	10:08	6.5	6.7	10:08	5.0	4.2	-
10:09	3.5	3.2	10:09	7.3	6.6	10:09	4.5	4.1	-
10:10	5.0	3.3	10:10	6.3	6.5	10:10	5.0	4.1	-
10:11	16.8	4.2	10:11	7.8	6.5	10:11	5.0	4.2	-
10:12	9.5	4.7	10:12	8.0	6.6	10:12	5.0	4.2	-
10:13	6.0	4.9	10:13	8.5	6.8	10:13	5.0	4.3	-
10:14	5.8	5.1	10:14	11.5	7.2	10:14	5.8	4.4	-
10:15	5.5	5.2	10:15	11.5	7.5	10:15	5.3	4.5	-
10:16	8.5	5.6	10:16	12.8	8.0	10:16	5.0	4.6	-
10:17	6.5	5.8	10:17	17.8	8.8	10:17	5.0	4.7	-
10:18	6.0	6.0	10:18	8.0	8.9	10:18	5.0	4.8	-
10:19	5.5	6.1	10:19	8.5	9.0	10:19	4.3	4.8	-
10:20	5.5	6.3	10:20	7.3	9.1	10:20	4.5	4.8	-
10:21	4.8	6.4	10:21	6.8	9.0	10:21	5.8	4.9	-
10:22	6.5	6.6	10:22	7.0	9.0	10:22	4.5	5.0	-
10:23	6.0	6.8	10:23	11.3	9.3	10:23	4.5	4.9	-
10:24	5.0	6.9	10:24	20.0	10.2	10:24	5.0	5.0	-
10:25	8.3	7.1	10:25	16.8	10.9	10:25	5.0	5.0	-
10:26	6.8	6.4	10:26	10.8	11.1	10:26	5.5	5.0	-
10:27	5.8	6.2	10:27	9.8	11.2	10:27	6.0	5.1	-
10:28	6.5	6.2	10:28	11.8	11.4	10:28	6.0	5.1	-
10:29	5.3	6.2	10:29	7.5	11.2	10:29	5.5	5.1	-
10:30	4.0	6.1	10:30	7.0	10.9	10:30	5.8	5.2	-
10:31	5.0	5.8	10:31	7.0	10.5	10:31	5.8	5.2	-
10:32	5.0	5.7	10:32	8.0	9.8	10:32	6.5	5.3	-
10:33	5.0	5.7	10:33	11.3	10.0	10:33	7.5	5.5	-
10:34	5.0	5.6	10:34	7.3	10.0	10:34	6.0	5.6	-
10:35	6.0	5.7	10:35	7.3	10.0	10:35	6.0	5.7	-
10:36	6.3	5.8	10:36	8.3	10.1	10:36	6.0	5.7	-
10:37	4.8	5.6	10:37	6.8	10.0	10:37	5.0	5.7	-
10:38	5.3	5.6	10:38	8.3	9.8	10:38	6.0	5.8	-
10:39	4.8	5.6	10:39	7.3	9.0	10:39	5.0	5.8	-
10:40	4.8	5.3	10:40	9.0	8.5	10:40	5.0	5.8	-
10:41	6.5	5.3	10:41	7.0	8.2	10:41	5.3	5.8	-
10:42	6.5	5.4	10:42	6.8	8.0	10:42	5.0	5.8	-
10:43	5.8	5.3	10:43	8.0	7.8	10:43	5.0	5.7	-
10:44	5.5	5.3	10:44	8.3	7.8	10:44	5.8	5.7	-
10:45	6.5	5.5	10:45	6.5	7.8	10:45	5.3	5.7	-
10:46	5.5	5.5	10:46	6.8	7.8	10:46	6.8	5.7	-
10:47	7.5	5.7	10:47	6.0	7.6	10:47	5.8	5.7	-
10:48	5.5	5.7	10:48	6.5	7.3	10:48	5.0	5.5	-
10:49	7.0	5.9	10:49	7.8	7.4	10:49	5.5	5.5	-
10:50	6.5	5.9	10:50	7.3	7.4	10:50	5.5	5.5	-

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)	
10:51	4.5	5.8	10:51	6.3	7.2	10:51	5.3	5.4	-
10:52	4.8	5.8	10:52	7.3	7.3	10:52	5.0	5.4	-
10:53	6.0	5.8	10:53	7.3	7.2	10:53	5.0	5.3	-
10:54	6.5	6.0	10:54	7.3	7.2	10:54	5.0	5.3	-
10:55	5.5	6.0	10:55	8.3	7.1	10:55	5.3	5.4	-
10:56	7.0	6.0	10:56	10.5	7.4	10:56	9.3	5.6	-
10:57	8.0	6.1	10:57	18.5	8.2	10:57	10.8	6.0	-
10:58	9.5	6.4	10:58	17.3	8.8	10:58	6.3	6.1	-
10:59	4.8	6.3	10:59	9.3	8.8	10:59	6.5	6.1	-
11:00	3.3	6.1	11:00	7.8	8.9	11:00	5.3	6.1	-
11:01	5.8	6.1	11:01	15.3	9.5	11:01	5.0	6.0	-
11:02	4.8	6.0	11:02	10.5	9.8	11:02	5.0	6.0	-
11:03	5.5	6.0	11:03	11.0	10.1	11:03	5.0	6.0	-
11:04	5.0	5.8	11:04	6.3	10.0	11:04	5.0	5.9	-
11:05	4.5	5.7	11:05	8.5	10.1	11:05	4.5	5.9	-
11:06	5.0	5.7	11:06	20.8	11.0	11:06	5.0	5.9	-
11:07	6.0	5.8	11:07	14.5	11.5	11:07	5.0	5.9	-
11:08	5.8	5.8	11:08	8.5	11.6	11:08	4.8	5.8	-
11:09	5.0	5.7	11:09	6.3	11.5	11:09	5.0	5.8	-
11:10	5.3	5.7	11:10	7.5	11.5	11:10	5.0	5.8	-
11:11	6.8	5.7	11:11	7.0	11.3	11:11	5.0	5.5	-
11:12	4.3	5.4	11:12	7.3	10.5	11:12	5.0	5.2	-
11:13	4.5	5.1	11:13	9.8	10.0	11:13	5.0	5.1	-
11:14	4.5	5.1	11:14	11.0	10.1	11:14	5.0	5.0	-
11:15	4.8	5.2	11:15	14.3	10.6	11:15	5.0	5.0	-
11:16	4.0	5.0	11:16	11.3	10.3	11:16	5.0	5.0	-
11:17	4.0	5.0	11:17	8.0	10.1	11:17	5.0	5.0	-
11:18	4.0	4.9	11:18	8.3	9.9	11:18	5.0	5.0	-
11:19	4.3	4.8	11:19	10.5	10.2	11:19	5.0	5.0	-
11:20	4.0	4.8	11:20	7.5	10.2	11:20	5.0	5.0	-
11:21	4.0	4.7	11:21	6.0	9.2	11:21	5.0	5.0	-
11:22	4.0	4.6	11:22	6.0	8.6	11:22	5.8	5.0	-
11:23	4.0	4.5	11:23	6.0	8.4	11:23	5.8	5.1	-
11:24	4.8	4.5	11:24	6.0	8.4	11:24	5.0	5.1	-
11:25	4.3	4.4	11:25	6.0	8.3	11:25	5.0	5.1	-
11:26	5.8	4.3	11:26	7.0	8.3	11:26	5.0	5.1	-
11:27	5.8	4.4	11:27	6.8	8.3	11:27	5.0	5.1	-
11:28	6.3	4.6	11:28	10.0	8.3	11:28	5.5	5.1	-
11:29	6.0	4.7	11:29	9.0	8.2	11:29	5.8	5.2	-
11:30	4.8	4.7	11:30	6.5	7.7	11:30	5.0	5.2	-
11:31	6.8	4.8	11:31	6.0	7.3	11:31	5.0	5.2	-
11:32	5.0	4.9	11:32	7.0	7.2	11:32	5.0	5.2	-
11:33	4.5	4.9	11:33	19.5	8.0	11:33	5.0	5.2	-
11:34	5.0	5.0	11:34	12.0	8.1	11:34	5.0	5.2	-
11:35	7.0	5.2	11:35	8.0	8.1	11:35	5.5	5.2	-
11:36	9.5	5.6	11:36	8.8	8.3	11:36	7.0	5.4	-
11:37	9.8	5.9	11:37	13.0	8.8	11:37	6.0	5.4	-
11:38	8.0	6.2	11:38	14.3	9.3	11:38	5.0	5.3	-
11:39	8.0	6.4	11:39	12.5	9.8	11:39	6.0	5.4	-
11:40	6.0	6.5	11:40	20.5	10.7	11:40	6.5	5.5	-
11:41	5.8	6.5	11:41	36.8	12.7	11:41	7.0	5.6	-
11:42	5.0	6.5	11:42	14.0	13.2	11:42	6.3	5.7	-
11:43	5.8	6.5	11:43	17.3	13.7	11:43	6.0	5.7	-
11:44	6.3	6.5	11:44	16.3	14.2	11:44	5.0	5.7	-
11:45	5.8	6.5	11:45	16.8	14.8	11:45	5.0	5.7	-
11:46	4.5	6.4	11:46	12.5	15.3	11:46	5.0	5.7	-
11:47	4.5	6.4	11:47	7.3	15.3	11:47	5.3	5.7	-
11:48	4.0	6.3	11:48	7.0	14.5	11:48	9.8	6.0	-
11:49	4.3	6.3	11:49	7.0	14.1	11:49	7.3	6.2	-
11:50	5.0	6.1	11:50	6.8	14.0	11:50	7.5	6.3	-
11:51	5.0	5.8	11:51	6.8	13.9	11:51	6.5	6.3	-
11:52	4.0	5.5	11:52	6.3	13.5	11:52	5.0	6.2	-
11:53	4.0	5.2	11:53	7.5	13.0	11:53	5.0	6.2	-
11:54	4.8	5.0	11:54	7.5	12.7	11:54	5.5	6.2	-
11:55	4.3	4.9	11:55	8.0	11.8	11:55	6.0	6.1	-
11:56	3.5	4.7	11:56	6.3	9.8	11:56	5.3	6.0	-
11:57	3.5	4.6	11:57	6.0	9.3	11:57	8.3	6.2	-
11:58	5.0	4.6	11:58	7.5	8.6	11:58	7.5	6.3	-
11:59	5.0	4.5	11:59	8.8	8.1	11:59	6.0	6.3	-
12:00	4.5	4.4	12:00	9.0	7.6	12:00	5.0	6.3	-
12:01	4.0	4.4	12:01	12.0	7.6	12:01	5.3	6.3	-
12:02	4.0	4.3	12:02	9.3	7.7	12:02	6.8	6.4	-
12:03	3.3	4.3	12:03	8.3	7.8	12:03	4.3	6.1	-
12:04	3.8	4.2	12:04	20.5	8.7	12:04	4.0	5.9	-
12:05	4.0	4.2	12:05	15.8	9.3	12:05	5.0	5.7	-
12:06	4.0	4.1	12:06	11.5	9.6	12:06	4.5	5.6	-

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)	
12:07	3.5	4.1	12:07	20.8	10.6	12:07	4.0	5.5	-
12:08	3.3	4.0	12:08	11.3	10.8	12:08	4.0	5.4	-
12:09	3.0	3.9	12:09	17.3	11.5	12:09	4.3	5.3	-
12:10	3.0	3.8	12:10	25.5	12.6	12:10	4.3	5.2	-
12:11	4.0	3.9	12:11	20.5	13.6	12:11	4.3	5.2	-
12:12	3.8	3.9	12:12	7.8	13.7	12:12	4.0	4.9	-
12:13	3.5	3.8	12:13	5.8	13.6	12:13	4.0	4.6	-
12:14	4.5	3.7	12:14	8.0	13.5	12:14	4.0	4.5	-
12:15	4.0	3.7	12:15	13.3	13.8	12:15	4.5	4.5	-
12:16	4.0	3.7	12:16	8.8	13.6	12:16	4.0	4.4	-
12:17	3.3	3.7	12:17	7.5	13.5	12:17	4.8	4.3	-
12:18	3.0	3.6	12:18	7.5	13.4	12:18	4.3	4.3	-
12:19	4.0	3.7	12:19	8.3	12.6	12:19	4.5	4.3	-
12:20	4.3	3.7	12:20	9.3	12.2	12:20	4.5	4.3	-
12:21	4.5	3.7	12:21	6.0	11.8	12:21	4.5	4.3	-
12:22	3.8	3.7	12:22	6.8	10.9	12:22	5.0	4.3	-
12:23	3.5	3.7	12:23	5.8	10.5	12:23	5.0	4.4	-
12:24	3.0	3.7	12:24	6.3	9.8	12:24	5.0	4.4	-
12:25	3.0	3.7	12:25	6.0	8.5	12:25	5.0	4.5	-
12:26	3.0	3.7	12:26	5.8	7.5	12:26	4.0	4.5	-
12:27	3.0	3.6	12:27	5.8	7.4	12:27	4.0	4.5	-

Friday, December 23, 2022									
							Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =		0
							Number of Comparable Data Points =		305
							Start Time:		7:07
							End Time:		12:27
PID DATA									
Upwind			Downwind						
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
7:08	0.0	-	7:08	0.0	-	7:08	0.0	-	-
7:09	0.0	-	7:09	0.0	-	7:09	0.0	-	-
7:10	0.0	-	7:10	0.0	-	7:10	0.0	-	-
7:11	0.0	-	7:11	0.0	-	7:11	0.0	-	-
7:12	0.0	-	7:12	0.0	-	7:12	0.0	-	-
7:13	0.0	-	7:13	0.0	-	7:13	0.0	-	-
7:14	0.0	-	7:14	0.0	-	7:14	0.0	-	-
7:15	0.0	-	7:15	0.0	-	7:15	0.0	-	-
7:16	0.0	-	7:16	0.0	-	7:16	0.0	-	-
7:17	0.0	-	7:17	0.0	-	7:17	0.0	-	-
7:18	0.0	-	7:18	0.0	-	7:18	0.0	-	-
7:19	0.0	-	7:19	0.0	-	7:19	0.0	-	-
7:20	0.0	-	7:20	0.0	-	7:20	0.0	-	-
7:21	0.0	-	7:21	0.0	-	7:21	0.0	-	-
7:22	0.0	-	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	-
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	-

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)	
8:19	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	-
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	-

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)	
9:35	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	-
10:46	0.0	0.0	10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	0.0	0.0	10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.0	0.0	10:48	0.0	0.0	-
10:49	0.0	0.0	10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.0	0.0	10:50	0.0	0.0	-

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

PID DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
12:07	0.0	0.0	12:07	0.0	0.0	12:07	0.0	0.0	-
12:08	0.0	0.0	12:08	0.0	0.0	12:08	0.0	0.0	-
12:09	0.0	0.0	12:09	0.0	0.0	12:09	0.0	0.0	-
12:10	0.0	0.0	12:10	0.0	0.0	12:10	0.0	0.0	-
12:11	0.0	0.0	12:11	0.0	0.0	12:11	0.0	0.0	-
12:12	0.0	0.0	12:12	0.0	0.0	12:12	0.0	0.0	-
12:13	0.0	0.0	12:13	0.0	0.0	12:13	0.0	0.0	-
12:14	0.0	0.0	12:14	0.0	0.0	12:14	0.0	0.0	-
12:15	0.0	0.0	12:15	0.0	0.0	12:15	0.0	0.0	-
12:16	0.0	0.0	12:16	0.0	0.0	12:16	0.0	0.0	-
12:17	0.0	0.0	12:17	0.0	0.0	12:17	0.0	0.0	-
12:18	0.0	0.0	12:18	0.0	0.0	12:18	0.0	0.0	-
12:19	0.0	0.0	12:19	0.0	0.0	12:19	0.0	0.0	-
12:20	0.0	0.0	12:20	0.0	0.0	12:20	0.0	0.0	-
12:21	0.0	0.0	12:21	0.0	0.0	12:21	0.0	0.0	-
12:22	0.0	0.0	12:22	0.0	0.0	12:22	0.0	0.0	-
12:23	0.0	0.0	12:23	0.0	0.0	12:23	0.0	0.0	-
12:24	0.0	0.0	12:24	0.0	0.0	12:24	0.0	0.0	-
12:25	0.0	0.0	12:25	0.0	0.0	12:25	0.0	0.0	-
12:26	0.0	0.0	12:26	0.0	0.0	12:26	0.0	0.0	-
12:27	0.0	0.0	12:27	0.0	0.0	12:27	0.0	0.0	-