

LANGAN SITE OBSERVATION REPORT – Day 107

CLIENT:	Gowanus Canal LLC and GowCan Owner, LLC	DATE:	Wednesday, January 18, 2023
PROJECT No.:	170295301	WEATHER:	Partly cloudy, 43 to 54 °F Wind: WNW @ 3 – 8 mph
PROJECT:	Gowanus Canal Northside	TIME:	06:30 – 18:00
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 APE Model 23.2 Vibratory Hammer Komatsu Wheel Loader Junttan PM20US Drill Rig		
PRESENT AT SITE: Langan: Brian Kenneally, Audrey Seery (Environmental), Kevin Leong (Geotechnical) Urban Atelier Group (UAG): Seth Anderson Kingdom Associates, Inc. (Kingdom): George Minchala			

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langان 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 from waste characterization cells WC09, WC10, and WC11 (WC09_COMP_0-5, WC10_COMP_0-5, WC11_COMP_0-5, WC11_COMP_5-10, and WC11_COMP_10-15) using permitted tri-axle trucks for off-site disposal. See material tracking section for details.
- Kingdom exported previously stockpiled construction and demolition (C&D) debris in permitted tri-axle trucks for off-site disposal. See material tracking section for details.
- Kingdom imported two truckloads of 0.75-inch crushed stone. The stone was stockpiled in the northeastern part of Sackett Place. See material tracking section for details.
- Kingdom excavated an about 10-foot-long by 6-foot-wide area to about 5 feet below grade surface (bgs) to install formwork in the northwestern part of Society Brooklyn. Excavated material consisted of historic fill.
 - Excavated historic fill was screened for odor, staining, and organic vapor using a photoionization detector (PID). No impacts were observed.
 - The excavated historic fill was stockpiled within the west-central part of Society Brooklyn on top of and covered with polyethylene sheeting pending future on-site reuse.
- Kingdom excavated an about 73-foot-long by 5-foot-wide area within Remedial Excavation Area No. 4 to about 3 feet bgs (approximately elevation 2 feet NAVD88) in the southern part of Sackett Place. Excavated material consisted of historic fill and impacted timbers.
 - Excavated historic fill was screened for odor, staining, and organic vapor using a PID. Petroleum-like impacts including odor and a maximum PID reading of 13.0 ppm were observed.
 - The excavated historic fill was stockpiled in the eastern part of Sackett Place on top of and covered with polyethylene sheeting pending future off-site disposal.
 - Excavated timbers were screened for odor, staining, and organic vapor using a PID. Petroleum-like impacts including odor, staining, and a maximum PID reading of 1.1 ppm were observed.
 - The excavated timbers were stockpiled in the southeastern part of Sackett Place on top of and covered with polyethylene sheeting pending future off-site disposal.

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- Kingdom excavated an about 24-foot-long by 12-foot-wide area to about 15 feet bgs for the future cellar in the northern part of Sackett Place. Excavated material consisted of historic fill and soil.
 - Excavated historic fill and soil was screened for odor, staining, and organic vapor using a PID. Petroleum-like impacts including staining were observed.
 - The excavated historic fill and soil was stockpiled within the excavation in the northern part of Sackett Place and covered with polyethylene sheeting pending future off-site disposal.
- Kingdom installed formwork for structural pile caps in the northwestern part of Society Brooklyn.
- Kingdom placed concrete for a mud slab in the northern part of Sackett Place.
- Kingdom installed formwork for cellar walls in the southern part of Society Brooklyn.
- Langan collected 13 documentation samples from the base and sidewalls of Remedial Excavation No. 4. Documentation samples were collected prior to treatment of the remedial excavation area.
- Kingdom began applying Petrofix (a finely ground powered activated carbon from Regenesis), water, and an electron acceptor blend to the base and sidewalls of Remedial Excavation Area No. 4 to treat petroleum impacts in soil and groundwater. About 330 gallons of reagent were applied to the base and sidewalls of the excavation. An additional about 1,144 gallons of reagent will be applied to the base and sidewalls of the excavation at a future date.

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Import and Export Tracking

- Kingdom exported 1 truckload of non-hazardous historic fill from waste characterization cells WC09, WC10, and WC11 (WC09_COMP_0-5, WC10_COMP_0-5, WC11_COMP_0-5, WC11_COMP_5-10, and WC11_COMP_10-15) to Bayshore Soil Management (BSM) in Keasbey, NJ.
- Kingdom exported 5 truckloads of C&D debris to Faztec Industries in Staten Island, NY.
- Kingdom imported two 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	663
	Quantity (CY)	20	13,260
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	0	8
		Quantity (CY)	0	160
87 19th Avenue Astoria, NY 2.5-inch Stone	2,000	No. Loads	0	22
		Quantity (CY)	0	470
Impact Environmental Jersey City, NJ 0.5-inch Crushed Stone	2,000	No. Loads	0	55
		Quantity (CY)	0	1,100
Impact Environmental Lyndhurst, NJ 0.75-inch Stone	4,000	No. Loads	2	9
		Quantity (CY)	40	180

Sampling

- Langan collected 13 documentation endpoint samples (DS09_EI_2, DS10_EI_2, DS11_EI_2, DS12_EI_2, DS13_EI_2, SW08_EI_2.5, SW09_EI_2.5, SW10_EI_2.5, SW11_EI_2.5, SW12_EI_2.5, SW13_EI_2.5, SW14_EI_2, and SW15_EI_2.5) from the base and sidewalls of Remedial Excavation No. 4 in the southern part of Sackett Place. The samples will be analyzed for Part 375/Target Compound List (TCL) volatile organic compounds (VOC), semivolatile organic compounds (SVOC), Target Analyte List (TAL) metals (including hexavalent/trivalent chromium), and per- and polyfluoroalkyl substances (PFAS) by Alpha Analytical Laboratories in Westborough, MA.

Community Air Monitoring

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

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Anticipated Activities

- Kingdom will continue to install SOE at Society Brooklyn and Sackett Place.
- Kingdom will continue excavation for structural pile cap installation at Society Brooklyn and Sackett Place.
- Kingdom will continue Petrofix application in the southern part of Sackett Place.

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Site Photographs:



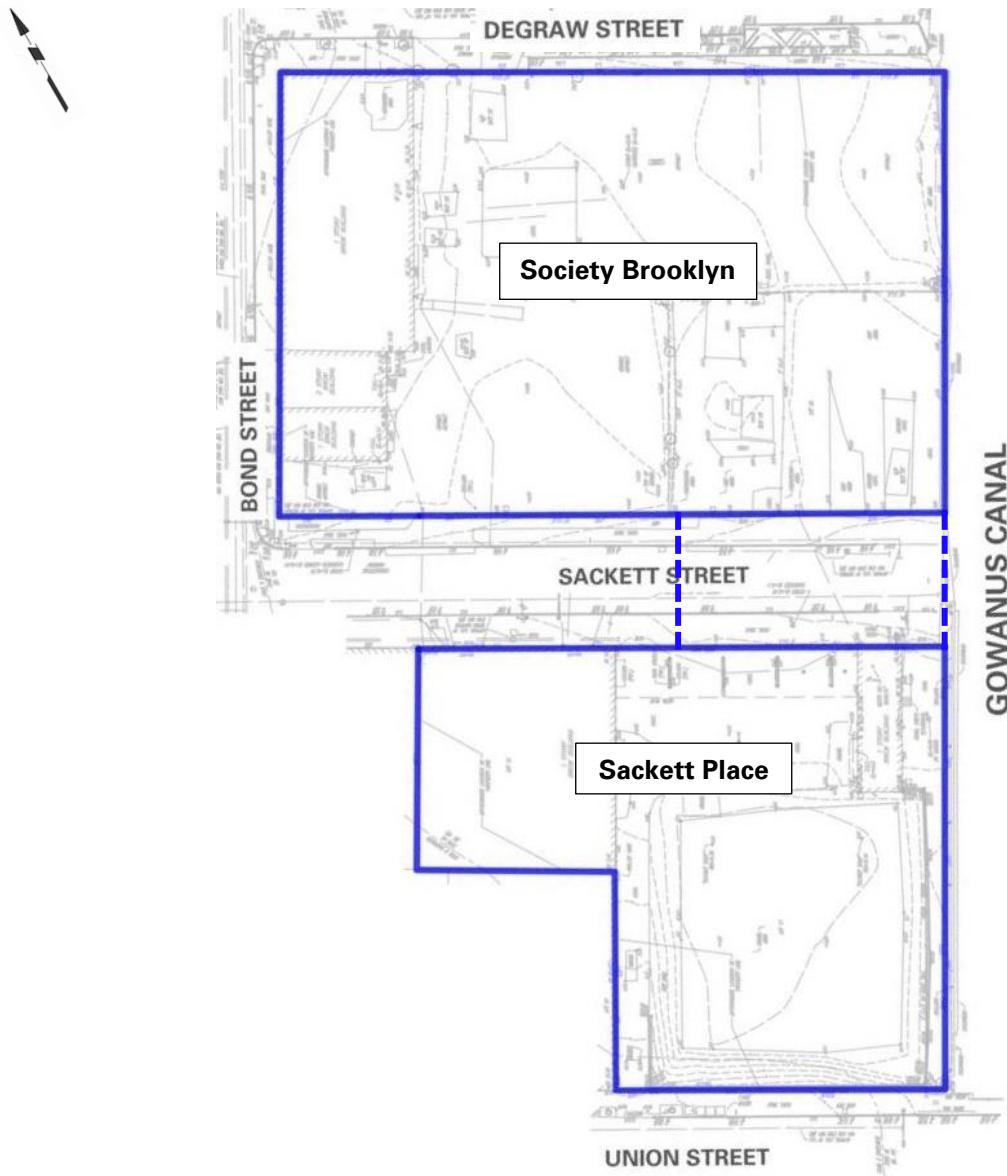
Photo 1: Kingdom applying Petrofix reagent to the base and sidewalls of Remedial Excavation Area No. 4 in the southern part of Sackett Place (facing northeast)



Photo 2: Kingdom excavating to install structural pile cap formwork in the northwestern part of Society Brooklyn (facing northeast)

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Site Map 1:



Legend

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

Notes

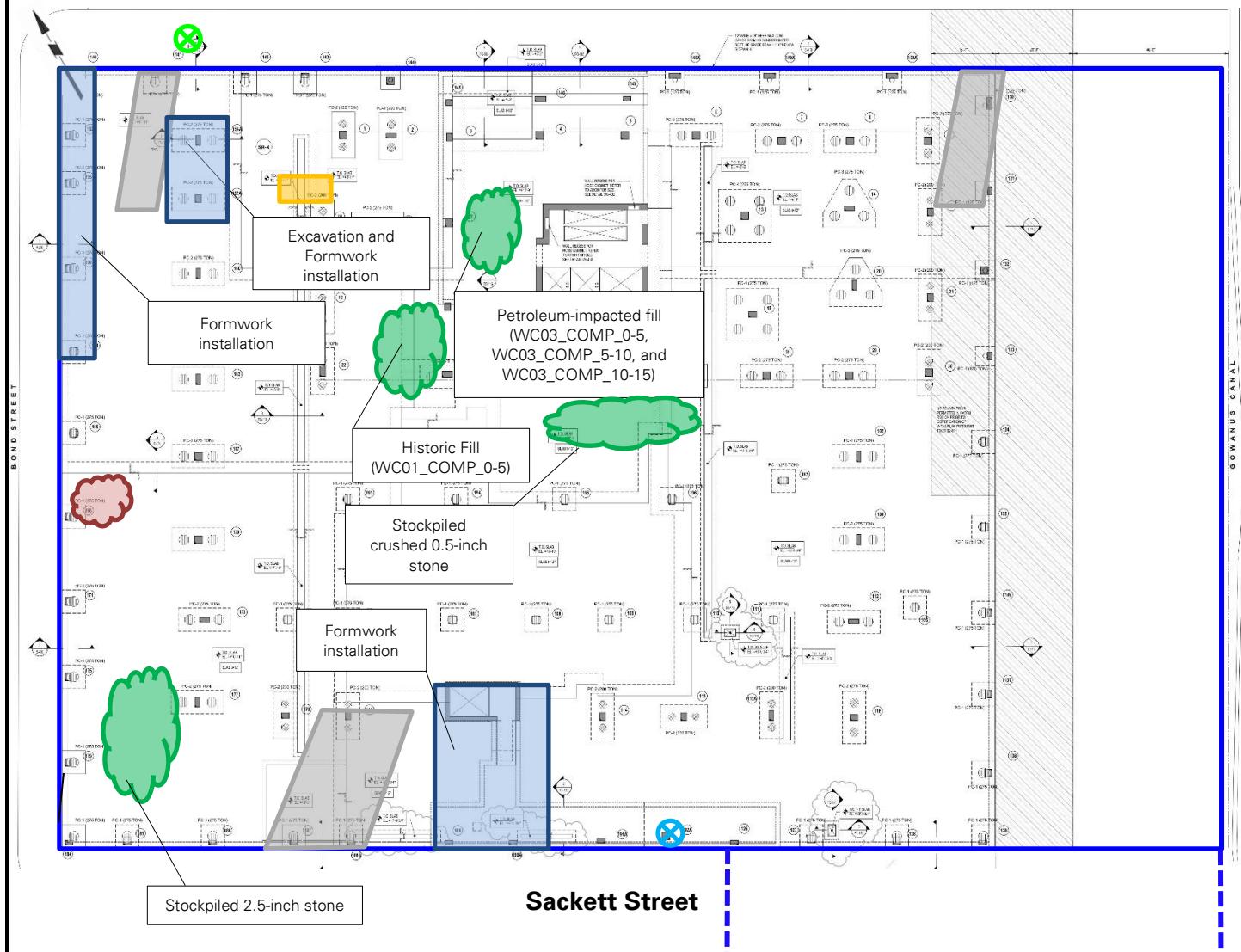
1. Base map adapted from 24 March 2022 RAWP, Figure 2 – Site Plan.
2. This Site Map is provided for context only; refer to the Northern (Society Brooklyn) and Southern (Sackett Place) Work Area Maps on the following pages for work and air monitoring location(s).

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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.



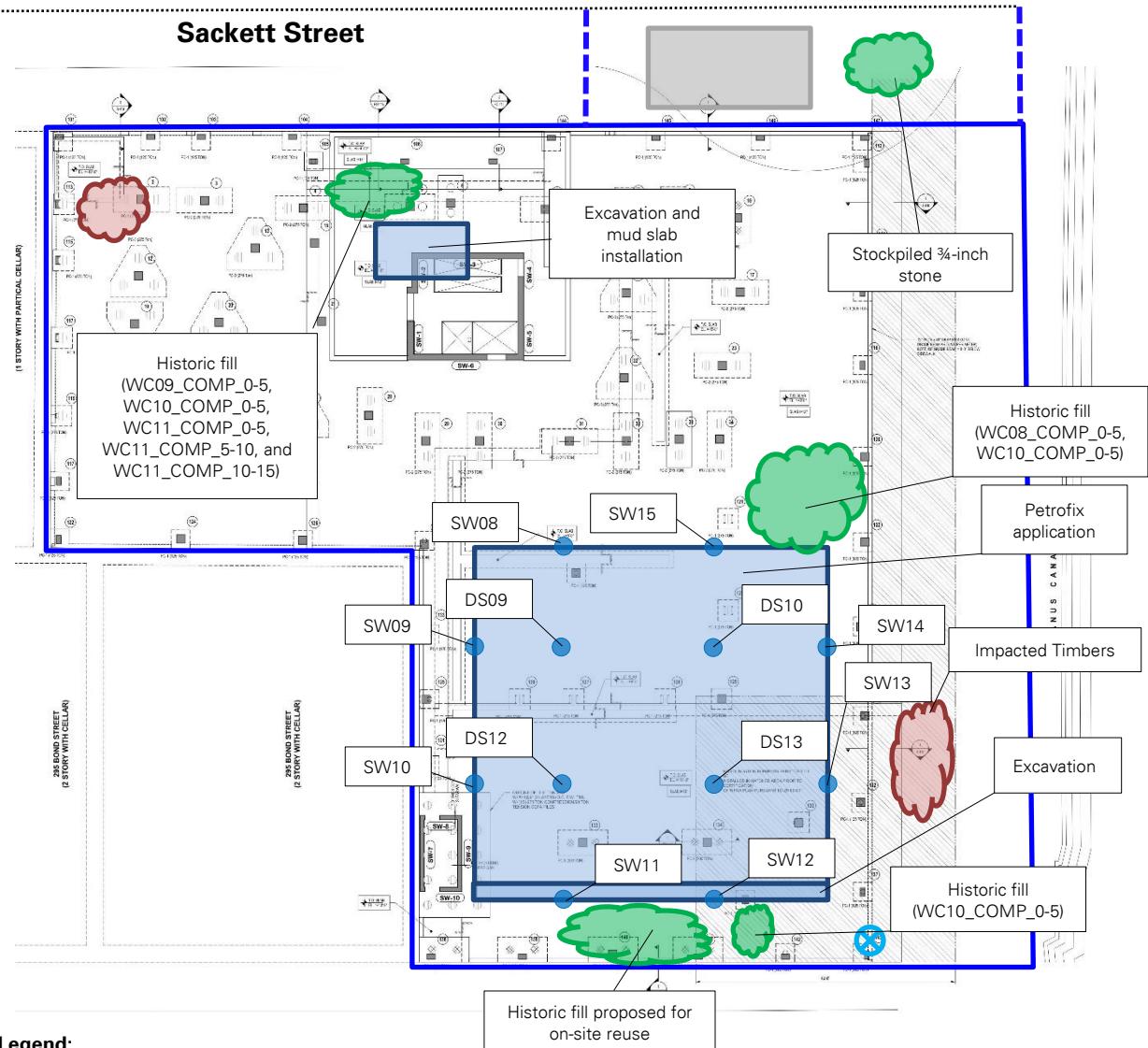
Legend:

- Approximate site boundary
- - - Approximate construction fence boundary
- (X) Upwind air monitoring station
- (X) Downwind air monitoring station
- (Blue Box) Approximate work area
- (Grey Box) Approximate stabilized construction entrance
- (Green Cloud) Approximate soil/fill stockpile location
- (Red Cloud) Approximate C&D debris stockpile location
- (Yellow Box) Approximate location of 20 cubic yard scrap metal container
- (Blue Circle) Approximate location of documentation sample collected today

Cc:	J. Hayes, M. Burke, P. Farnham, E. Adkins, A. Nesci	By:	Brian Kenneally Langan, D.P.C.
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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 location of documentation sample collected today
- (Cloud) Approximate soil/fill stockpile location
- (Red Cloud) Approximate C&D debris stockpile location

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Langan, D.P.C.

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

01/18/23

Project number: 170295301

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Rev. No. 0

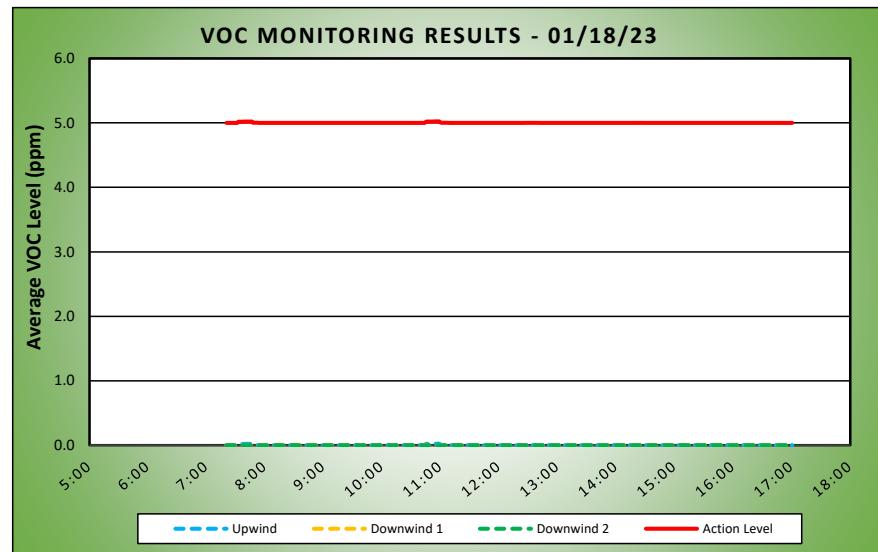
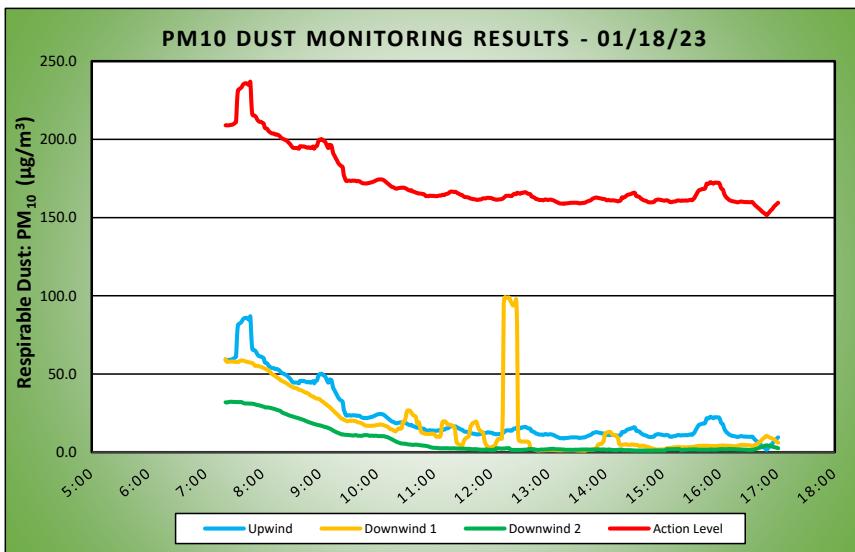
Submitted By:

Dust Action Level 150 $\mu\text{g}/\text{m}^3$

TVOC Action Level 5 ppm

Weather Data Range for Work Day		Wind Direction	WNW	Relative Humidity (%)	0.0 - 0.0	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	43.0 - 54.0	Wind Speed (MPH)	3.4 - 8.2	Barometer (inHg)	0.00 - 0.00			

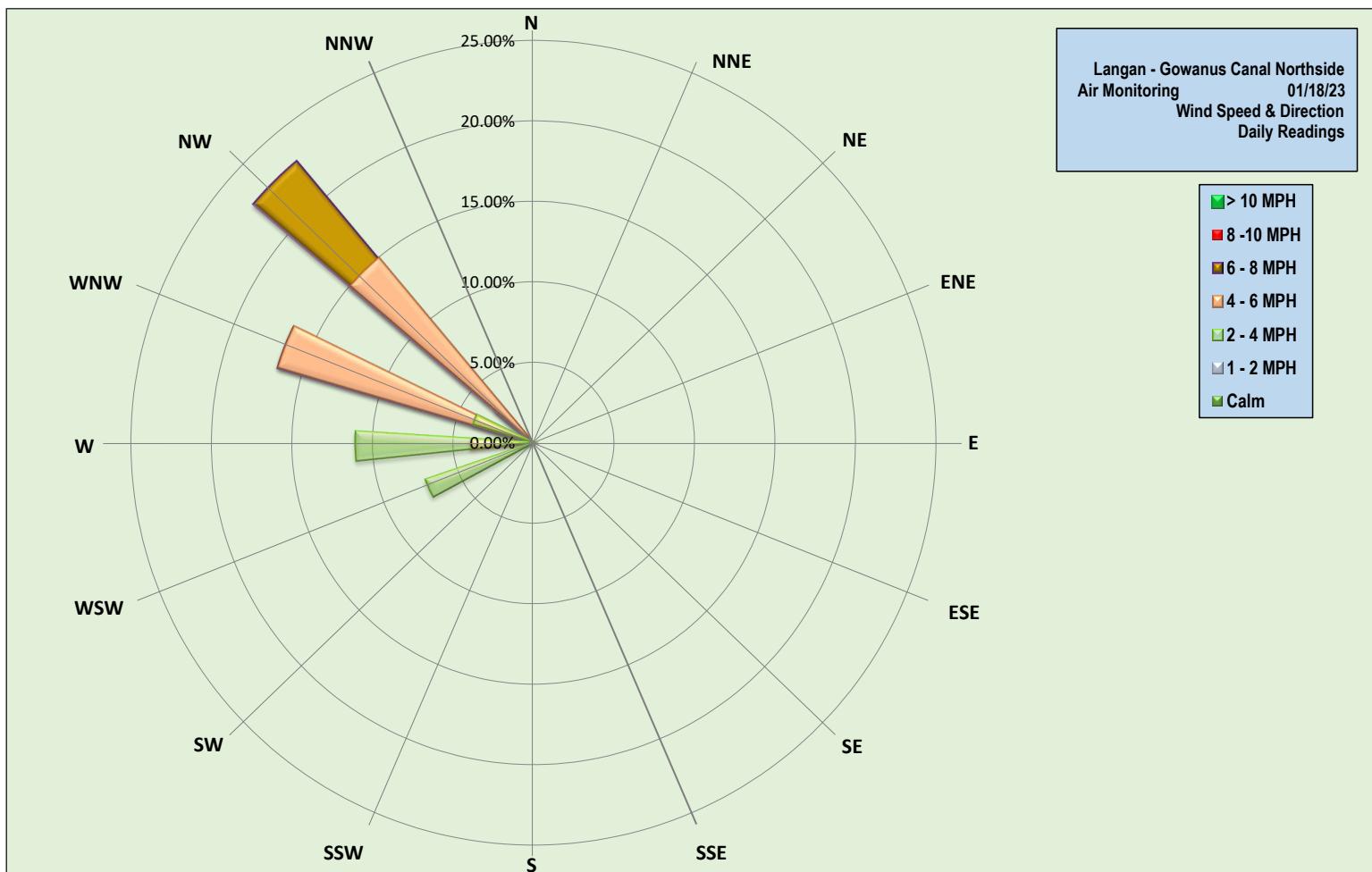
Station Location Area	Work	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15 Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Maximum 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind		22.1	86.7	7:47	0.0	0.0	10:54
Downwind 1		18.2	99.1	12:14	0.0	0.0	7:21
Downwind 2		7.6	32.3	7:26	0.0	0.0	7:21



Air Monitoring Notes:

Sampling Notes:

Weather Notes:



Wednesday, January 18, 2023									
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 = 0									
Number of Comparable Data Points = 615									
Start Time: 7:06									
End Time: 17:35									
PARTICULATE DATA									
Upwind			Downwind						
Time	Concentration ($\mu\text{g}/\text{m}^3$)	15-Min Avg Concentration ($\mu\text{g}/\text{m}^3$)	Time	Concentration ($\mu\text{g}/\text{m}^3$)	15-Min Avg Concentration ($\mu\text{g}/\text{m}^3$)	Time	Concentration ($\mu\text{g}/\text{m}^3$)	15-Min Avg Concentration ($\mu\text{g}/\text{m}^3$)	Exceeds Particulate Alarm Limit
7:06	55.0	-	7:06	184.5	-	7:06	35.0	-	-
7:07	56.3	-	7:07	81.5	-	7:07	33.5	-	-
7:08	59.5	-	7:08	61.5	-	7:08	33.0	-	-
7:09	56.3	-	7:09	57.5	-	7:09	32.8	-	-
7:10	56.0	-	7:10	57.3	-	7:10	32.3	-	-
7:11	56.0	-	7:11	57.3	-	7:11	31.8	-	-
7:12	56.3	-	7:12	57.8	-	7:12	32.0	-	-
7:13	58.3	-	7:13	57.3	-	7:13	32.0	-	-
7:14	63.0	-	7:14	58.0	-	7:14	32.0	-	-
7:15	59.8	-	7:15	58.0	-	7:15	31.8	-	-
7:16	56.0	-	7:16	58.0	-	7:16	31.0	-	-
7:17	56.0	-	7:17	58.0	-	7:17	31.5	-	-
7:18	57.8	-	7:18	57.8	-	7:18	32.0	-	-
7:19	71.3	-	7:19	58.0	-	7:19	31.3	-	-
7:20	63.8	-	7:20	58.0	-	7:20	31.3	-	-
7:21	58.8	59.0	7:21	58.0	59.6	7:21	31.0	31.9	-
7:22	57.5	59.1	7:22	58.0	58.0	7:22	31.5	31.8	-
7:23	57.5	58.9	7:23	58.0	57.8	7:23	33.3	31.8	-
7:24	57.0	59.0	7:24	58.0	57.8	7:24	36.5	32.1	-
7:25	57.0	59.1	7:25	58.0	57.9	7:25	33.8	32.2	-
7:26	57.8	59.2	7:26	58.0	57.9	7:26	33.0	32.3	-
7:27	58.5	59.3	7:27	58.0	57.9	7:27	32.0	32.3	-
7:28	59.0	59.4	7:28	58.0	58.0	7:28	31.3	32.2	-
7:29	67.5	59.7	7:29	57.5	58.0	7:29	31.3	32.2	-
7:30	66.5	60.1	7:30	57.0	57.9	7:30	31.3	32.1	-
7:31	64.5	60.7	7:31	56.5	57.8	7:31	31.0	32.1	-
7:32	61.5	61.1	7:32	57.0	57.7	7:32	31.0	32.1	-
7:33	249.8	73.9	7:33	57.0	57.7	7:33	31.0	32.0	-
7:34	184.3	81.4	7:34	58.5	57.7	7:34	31.5	32.0	-
7:35	71.5	81.9	7:35	60.3	57.9	7:35	31.0	32.0	-
7:36	66.8	82.4	7:36	64.5	58.3	7:36	31.8	32.1	-
7:37	64.3	82.9	7:37	63.5	58.7	7:37	32.0	32.1	-
7:38	67.3	83.5	7:38	57.8	58.6	7:38	31.5	32.0	-
7:39	74.8	84.7	7:39	57.3	58.6	7:39	31.0	31.6	-
7:40	67.5	85.4	7:40	55.3	58.4	7:40	30.0	31.4	-
7:41	62.5	85.7	7:41	56.0	58.3	7:41	30.5	31.2	-
7:42	60.3	85.9	7:42	55.0	58.1	7:42	31.0	31.1	-
7:43	59.5	85.9	7:43	55.0	57.9	7:43	31.3	31.1	-
7:44	60.0	85.4	7:44	55.0	57.7	7:44	31.5	31.2	-
7:45	59.8	84.9	7:45	55.0	57.6	7:45	31.3	31.2	-
7:46	63.5	84.9	7:46	54.8	57.5	7:46	29.8	31.1	-
7:47	89.3	86.7	7:47	54.0	57.3	7:47	30.8	31.1	-
7:48	67.0	74.5	7:48	56.0	57.2	7:48	31.3	31.1	-
7:49	57.3	66.1	7:49	55.3	57.0	7:49	30.0	31.0	-
7:50	60.5	65.3	7:50	54.0	56.6	7:50	30.0	30.9	-
7:51	66.3	65.3	7:51	54.0	55.9	7:51	30.0	30.8	-
7:52	57.8	64.9	7:52	54.3	55.2	7:52	29.5	30.6	-
7:53	57.5	64.2	7:53	57.5	55.2	7:53	28.0	30.4	-
7:54	55.5	62.9	7:54	57.5	55.2	7:54	28.0	30.2	-
7:55	54.5	62.1	7:55	54.5	55.2	7:55	29.0	30.1	-
7:56	53.8	61.5	7:56	52.8	55.0	7:56	28.5	30.0	-
7:57	56.3	61.2	7:57	52.0	54.8	7:57	28.3	29.8	-
7:58	60.0	61.3	7:58	52.0	54.6	7:58	29.0	29.7	-
7:59	54.3	60.9	7:59	52.3	54.4	7:59	28.5	29.5	-
8:00	54.5	60.5	8:00	50.5	54.1	8:00	28.0	29.2	-
8:01	56.3	60.0	8:01	50.5	53.8	8:01	28.0	29.1	-
8:02	55.0	57.8	8:02	50.8	53.6	8:02	27.3	28.9	-
8:03	56.8	57.1	8:03	51.0	53.3	8:03	27.3	28.6	-
8:04	55.5	57.0	8:04	50.8	53.0	8:04	30.0	28.6	-
8:05	53.8	56.5	8:05	49.3	52.6	8:05	30.3	28.6	-
8:06	50.3	55.4	8:06	48.3	52.3	8:06	30.0	28.6	-
8:07	49.8	54.9	8:07	47.3	51.8	8:07	26.5	28.4	-
8:08	50.0	54.4	8:08	47.0	51.1	8:08	26.0	28.3	-
8:09	50.8	54.1	8:09	47.0	50.4	8:09	27.0	28.2	-
8:10	50.0	53.8	8:10	47.0	49.9	8:10	25.5	28.0	-
8:11	52.8	53.7	8:11	46.5	49.5	8:11	26.0	27.8	-
8:12	55.8	53.7	8:12	46.5	49.1	8:12	26.8	27.7	-
8:13	52.0	53.2	8:13	46.0	48.7	8:13	25.3	27.5	-
8:14	53.0	53.1	8:14	45.3	48.2	8:14	25.0	27.3	-
8:15	56.3	53.2	8:15	44.0	47.8	8:15	25.0	27.1	-
8:16	51.0	52.8	8:16	44.5	47.4	8:16	25.0	26.9	-

PARTICULATE DATA								
Upwind			Downwind					
Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)
8:17	50.8	52.6	8:17	44.8	47.0	8:17	24.5	26.7
8:18	47.5	51.9	8:18	43.3	46.5	8:18	24.5	26.5
8:19	45.5	51.3	8:19	43.0	46.0	8:19	24.3	26.1
8:20	45.3	50.7	8:20	44.0	45.6	8:20	23.3	25.6
8:21	45.8	50.4	8:21	43.8	45.3	8:21	23.0	25.2
8:22	45.5	50.1	8:22	43.0	45.0	8:22	23.0	24.9
8:23	46.3	49.9	8:23	43.0	44.8	8:23	23.0	24.7
8:24	45.8	49.5	8:24	42.0	44.4	8:24	23.0	24.5
8:25	45.5	49.2	8:25	41.0	44.0	8:25	22.5	24.3
8:26	45.0	48.7	8:26	40.0	43.6	8:26	22.0	24.0
8:27	45.0	48.0	8:27	40.0	43.2	8:27	22.0	23.7
8:28	44.3	47.5	8:28	40.0	42.8	8:28	22.0	23.5
8:29	42.3	46.8	8:29	39.5	42.4	8:29	22.0	23.3
8:30	42.0	45.8	8:30	39.3	42.1	8:30	22.3	23.1
8:31	41.0	45.2	8:31	39.8	41.8	8:31	22.8	22.9
8:32	42.8	44.6	8:32	39.0	41.4	8:32	21.0	22.7
8:33	46.0	44.5	8:33	40.3	41.2	8:33	21.8	22.5
8:34	45.8	44.5	8:34	42.3	41.1	8:34	21.3	22.3
8:35	45.5	44.6	8:35	42.8	41.0	8:35	21.0	22.2
8:36	44.3	44.5	8:36	40.0	40.8	8:36	21.0	22.0
8:37	42.8	44.3	8:37	37.0	40.4	8:37	20.0	21.8
8:38	43.0	44.1	8:38	36.8	40.0	8:38	20.0	21.6
8:39	68.3	45.6	8:39	40.3	39.9	8:39	20.0	21.4
8:40	46.3	45.6	8:40	37.8	39.6	8:40	19.3	21.2
8:41	44.5	45.6	8:41	37.0	39.4	8:41	19.0	21.0
8:42	42.3	45.4	8:42	34.8	39.1	8:42	19.0	20.8
8:43	46.0	45.5	8:43	34.5	38.7	8:43	19.0	20.6
8:44	40.0	45.4	8:44	35.0	38.4	8:44	18.0	20.4
8:45	38.0	45.1	8:45	34.0	38.1	8:45	18.0	20.1
8:46	38.0	44.9	8:46	37.5	37.9	8:46	18.0	19.8
8:47	39.0	44.6	8:47	36.8	37.8	8:47	18.0	19.6
8:48	50.0	44.9	8:48	33.8	37.3	8:48	18.0	19.3
8:49	45.5	44.9	8:49	34.8	36.8	8:49	18.0	19.1
8:50	38.8	44.4	8:50	36.3	36.4	8:50	18.3	18.9
8:51	48.0	44.7	8:51	33.3	36.0	8:51	17.3	18.7
8:52	48.3	45.1	8:52	34.0	35.8	8:52	17.0	18.5
8:53	48.8	45.4	8:53	34.3	35.6	8:53	17.0	18.3
8:54	47.0	44.0	8:54	31.8	35.0	8:54	17.0	18.1
8:55	63.0	45.1	8:55	34.3	34.8	8:55	17.0	17.9
8:56	51.5	45.6	8:56	32.3	34.5	8:56	16.0	17.7
8:57	47.5	46.0	8:57	31.0	34.2	8:57	16.8	17.6
8:58	77.0	48.0	8:58	34.3	34.2	8:58	16.0	17.4
8:59	65.3	49.7	8:59	32.0	34.0	8:59	16.8	17.3
9:00	38.8	49.8	9:00	30.0	33.7	9:00	16.0	17.1
9:01	42.0	50.0	9:01	29.0	33.2	9:01	16.0	17.0
9:02	41.5	50.2	9:02	29.0	32.7	9:02	15.0	16.8
9:03	39.0	49.5	9:03	28.5	32.3	9:03	15.0	16.6
9:04	40.8	49.1	9:04	27.8	31.8	9:04	15.0	16.4
9:05	35.3	48.9	9:05	27.8	31.3	9:05	15.0	16.2
9:06	32.3	47.9	9:06	27.0	30.9	9:06	15.0	16.0
9:07	29.5	46.6	9:07	27.0	30.4	9:07	15.0	15.9
9:08	29.0	45.3	9:08	26.8	29.9	9:08	14.0	15.7
9:09	35.3	44.5	9:09	25.5	29.5	9:09	13.0	15.4
9:10	91.5	46.4	9:10	26.5	29.0	9:10	13.0	15.2
9:11	48.3	46.2	9:11	24.5	28.4	9:11	12.5	14.9
9:12	48.0	46.2	9:12	22.3	27.9	9:12	11.0	14.6
9:13	40.0	43.8	9:13	24.8	27.2	9:13	11.0	14.2
9:14	24.0	41.0	9:14	23.3	26.6	9:14	10.8	13.8
9:15	24.0	40.0	9:15	20.5	26.0	9:15	11.0	13.5
9:16	23.0	38.8	9:16	20.0	25.4	9:16	11.0	13.2
9:17	23.5	37.6	9:17	20.5	24.8	9:17	11.0	12.9
9:18	23.0	36.5	9:18	21.0	24.3	9:18	11.0	12.6
9:19	22.0	35.2	9:19	18.3	23.7	9:19	11.3	12.4
9:20	21.5	34.3	9:20	18.0	23.1	9:20	11.8	12.2
9:21	22.5	33.7	9:21	18.0	22.5	9:21	10.5	11.9
9:22	21.3	33.1	9:22	18.8	21.9	9:22	11.0	11.6
9:23	24.3	32.8	9:23	19.8	21.4	9:23	10.0	11.3
9:24	24.5	32.1	9:24	22.0	21.2	9:24	14.8	11.4
9:25	21.0	27.4	9:25	21.0	20.8	9:25	10.8	11.3
9:26	23.5	25.7	9:26	18.8	20.5	9:26	10.0	11.1
9:27	22.3	24.0	9:27	18.8	20.2	9:27	11.0	11.1
9:28	29.8	23.3	9:28	20.3	19.9	9:28	10.5	11.1
9:29	26.3	23.5	9:29	21.0	19.8	9:29	10.0	11.0
9:30	26.3	23.6	9:30	23.8	20.0	9:30	10.3	11.0
9:31	23.0	23.6	9:31	20.5	20.0	9:31	10.0	10.9
9:32	21.3	23.5	9:32	24.8	20.3	9:32	10.0	-

PARTICULATE DATA									
Upwind			Downwind						
Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Exceeds Particulate Alarm Limit
9:33	22.5	23.5	9:33	18.0	20.1	9:33	10.0	10.8	
9:34	24.0	23.6	9:34	18.0	20.1	9:34	10.5	10.7	-
9:35	22.0	23.6	9:35	18.0	20.1	9:35	10.0	10.6	-
9:36	21.5	23.6	9:36	17.3	20.0	9:36	12.3	10.7	-
9:37	22.0	23.6	9:37	17.0	19.9	9:37	13.5	10.9	-
9:38	21.0	23.4	9:38	17.0	19.7	9:38	10.8	11.0	-
9:39	22.3	23.2	9:39	16.8	19.4	9:39	10.0	10.6	-
9:40	23.8	23.4	9:40	17.0	19.1	9:40	9.3	10.5	-
9:41	21.0	23.3	9:41	17.0	19.0	9:41	10.0	10.5	-
9:42	20.3	23.1	9:42	17.0	18.9	9:42	10.3	10.5	-
9:43	21.0	22.5	9:43	17.0	18.7	9:43	10.3	10.5	-
9:44	22.0	22.3	9:44	17.8	18.5	9:44	10.0	10.5	-
9:45	22.0	22.0	9:45	17.8	18.1	9:45	12.5	10.6	-
9:46	21.3	21.9	9:46	16.3	17.8	9:46	13.5	10.9	-
9:47	21.0	21.8	9:47	16.0	17.2	9:47	10.8	10.9	-
9:48	22.8	21.9	9:48	16.0	17.1	9:48	10.3	10.9	-
9:49	23.5	21.8	9:49	16.8	17.0	9:49	10.8	10.9	-
9:50	24.0	22.0	9:50	17.0	16.9	9:50	10.0	10.9	-
9:51	23.5	22.1	9:51	17.0	16.9	9:51	9.0	10.7	-
9:52	23.0	22.2	9:52	17.0	16.9	9:52	10.0	10.5	-
9:53	24.3	22.4	9:53	17.0	16.9	9:53	11.0	10.5	-
9:54	25.0	22.6	9:54	17.0	16.9	9:54	10.5	10.5	-
9:55	25.0	22.6	9:55	18.0	17.0	9:55	9.8	10.6	-
9:56	25.8	23.0	9:56	17.3	17.0	9:56	9.0	10.5	-
9:57	23.8	23.2	9:57	17.5	17.0	9:57	9.8	10.5	-
9:58	25.5	23.5	9:58	18.8	17.1	9:58	11.0	10.5	-
9:59	26.5	23.8	9:59	20.5	17.3	9:59	10.3	10.5	-
10:00	26.0	24.1	10:00	18.5	17.4	10:00	11.0	10.4	-
10:01	24.0	24.2	10:01	17.0	17.4	10:01	11.0	10.3	-
10:02	23.8	24.4	10:02	18.3	17.6	10:02	11.0	10.3	-
10:03	22.8	24.4	10:03	18.8	17.8	10:03	11.0	10.3	-
10:04	23.8	24.4	10:04	16.5	17.7	10:04	10.0	10.3	-
10:05	22.8	24.4	10:05	15.5	17.6	10:05	9.5	10.3	-
10:06	21.5	24.2	10:06	15.0	17.5	10:06	9.3	10.3	-
10:07	18.5	23.9	10:07	13.3	17.3	10:07	9.8	10.3	-
10:08	17.0	23.4	10:08	13.0	17.0	10:08	8.5	10.1	-
10:09	17.5	22.9	10:09	14.8	16.8	10:09	8.0	9.9	-
10:10	17.5	22.4	10:10	14.0	16.6	10:10	7.3	9.8	-
10:11	18.0	21.9	10:11	12.0	16.2	10:11	6.8	9.6	-
10:12	16.5	21.4	10:12	11.5	15.8	10:12	6.0	9.4	-
10:13	17.5	20.9	10:13	11.0	15.3	10:13	6.0	9.0	-
10:14	18.3	20.4	10:14	12.8	14.8	10:14	6.0	8.7	-
10:15	19.0	19.9	10:15	16.0	14.6	10:15	6.3	8.4	-
10:16	18.8	19.5	10:16	14.0	14.4	10:16	6.5	8.1	-
10:17	21.8	19.4	10:17	13.5	14.1	10:17	6.0	7.8	-
10:18	18.5	19.1	10:18	11.5	13.6	10:18	5.8	7.4	-
10:19	18.0	18.7	10:19	11.5	13.3	10:19	5.0	7.1	-
10:20	19.5	18.5	10:20	19.5	13.6	10:20	5.0	6.8	-
10:21	21.5	18.5	10:21	24.8	14.2	10:21	5.0	6.5	-
10:22	22.3	18.8	10:22	23.8	14.9	10:22	6.0	6.3	-
10:23	18.8	18.9	10:23	18.5	15.3	10:23	5.8	6.1	-
10:24	19.0	19.0	10:24	12.0	15.1	10:24	4.8	5.9	-
10:25	19.3	19.1	10:25	12.8	15.0	10:25	4.0	5.7	-
10:26	17.8	19.1	10:26	21.5	15.6	10:26	5.0	5.5	-
10:27	16.5	19.1	10:27	64.5	19.2	10:27	5.8	5.5	-
10:28	18.5	19.2	10:28	18.0	19.6	10:28	5.0	5.5	-
10:29	15.3	19.0	10:29	14.8	19.8	10:29	5.8	5.4	-
10:30	14.3	18.6	10:30	50.3	22.1	10:30	5.0	5.4	-
10:31	16.3	18.5	10:31	61.8	25.2	10:31	4.8	5.2	-
10:32	14.0	18.0	10:32	35.0	26.7	10:32	4.0	5.1	-
10:33	14.0	17.7	10:33	11.3	26.7	10:33	4.0	5.0	-
10:34	14.0	17.4	10:34	11.3	26.6	10:34	4.0	4.9	-
10:35	17.0	17.2	10:35	14.3	26.3	10:35	4.0	4.9	-
10:36	26.0	17.5	10:36	9.8	25.3	10:36	4.8	4.8	-
10:37	13.3	16.9	10:37	9.5	24.3	10:37	4.3	4.7	-
10:38	13.8	16.6	10:38	7.5	23.6	10:38	4.5	4.6	-
10:39	17.8	16.5	10:39	8.3	23.4	10:39	6.5	4.8	-
10:40	15.0	16.2	10:40	7.8	23.0	10:40	5.0	4.8	-
10:41	12.8	15.9	10:41	8.5	22.2	10:41	5.3	4.8	-
10:42	15.3	15.8	10:42	10.0	18.5	10:42	4.5	4.8	-
10:43	14.8	15.6	10:43	25.5	19.0	10:43	4.0	4.7	-
10:44	13.0	15.4	10:44	16.3	19.1	10:44	3.8	4.6	-
10:45	14.0	15.4	10:45	14.8	16.8	10:45	4.0	4.5	-
10:46	15.3	15.3	10:46	13.5	13.5	10:46	3.5	4.4	-
10:47	12.0	15.2	10:47	19.5	12.5	10:47	3.0	4.3	-
10:48	12.3	15.1	10:48	8.5	12.3	10:48	3.0	4.3	-

PARTICULATE DATA								
Upwind			Downwind					
Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)
10:49	12.3	15.0	10:49	9.3	12.2	10:49	3.0	4.2
10:50	11.3	14.6	10:50	9.0	11.8	10:50	3.5	4.2
10:51	13.8	13.8	10:51	10.3	11.9	10:51	3.0	4.1
10:52	14.3	13.8	10:52	6.3	11.7	10:52	3.0	4.0
10:53	13.0	13.8	10:53	8.3	11.7	10:53	3.0	3.9
10:54	15.8	13.6	10:54	6.8	11.6	10:54	3.0	3.6
10:55	20.0	14.0	10:55	9.8	11.7	10:55	2.0	3.4
10:56	13.5	14.0	10:56	8.5	11.7	10:56	2.0	3.2
10:57	13.3	13.9	10:57	12.5	11.9	10:57	2.3	3.1
10:58	14.0	13.8	10:58	21.3	11.6	10:58	2.0	2.9
10:59	14.0	13.9	10:59	20.3	11.9	10:59	2.8	2.9
11:00	13.0	13.8	11:00	6.8	11.4	11:00	3.0	2.8
11:01	13.0	13.7	11:01	7.3	10.9	11:01	3.0	2.8
11:02	12.8	13.7	11:02	5.0	10.0	11:02	3.0	2.8
11:03	12.0	13.7	11:03	8.0	9.9	11:03	2.0	2.7
11:04	14.5	13.9	11:04	8.5	9.9	11:04	2.0	2.6
11:05	14.3	14.1	11:05	9.3	9.9	11:05	2.3	2.6
11:06	14.5	14.1	11:06	9.8	9.9	11:06	3.0	2.6
11:07	13.3	14.1	11:07	32.3	11.6	11:07	2.8	2.5
11:08	17.8	14.4	11:08	93.8	17.3	11:08	2.3	2.5
11:09	19.3	14.6	11:09	40.5	19.6	11:09	3.0	2.5
11:10	16.0	14.3	11:10	11.8	19.7	11:10	2.3	2.5
11:11	16.8	14.6	11:11	10.5	19.8	11:11	2.8	2.6
11:12	19.8	15.0	11:12	6.3	19.4	11:12	2.0	2.5
11:13	17.3	15.2	11:13	10.0	18.7	11:13	2.0	2.5
11:14	14.8	15.3	11:14	6.5	17.7	11:14	3.0	2.6
11:15	17.8	15.6	11:15	4.8	17.6	11:15	2.0	2.5
11:16	22.0	16.2	11:16	6.3	17.5	11:16	2.3	2.4
11:17	17.8	16.5	11:17	5.5	17.6	11:17	3.0	2.4
11:18	14.8	16.7	11:18	3.5	17.3	11:18	2.0	2.4
11:19	12.8	16.6	11:19	2.8	16.9	11:19	2.3	2.5
11:20	13.0	16.5	11:20	2.5	16.4	11:20	3.0	2.5
11:21	12.8	16.4	11:21	3.8	16.0	11:21	2.5	2.5
11:22	14.5	16.5	11:22	2.0	14.0	11:22	2.0	2.4
11:23	15.5	16.3	11:23	2.8	8.0	11:23	2.0	2.4
11:24	11.5	15.8	11:24	9.3	5.9	11:24	2.0	2.3
11:25	12.0	15.5	11:25	6.0	5.5	11:25	2.0	2.3
11:26	12.8	15.3	11:26	2.0	4.9	11:26	2.0	2.3
11:27	13.0	14.8	11:27	2.0	4.6	11:27	2.0	2.3
11:28	13.3	14.5	11:28	2.3	4.1	11:28	2.5	2.3
11:29	13.8	14.5	11:29	4.0	4.0	11:29	2.0	2.2
11:30	11.3	14.0	11:30	21.0	5.0	11:30	2.8	2.3
11:31	13.8	13.5	11:31	37.0	7.1	11:31	2.0	2.3
11:32	13.3	13.2	11:32	22.5	8.2	11:32	2.0	2.2
11:33	13.3	13.1	11:33	13.8	8.9	11:33	2.0	2.2
11:34	12.0	13.0	11:34	7.8	9.2	11:34	2.0	2.2
11:35	11.8	13.0	11:35	8.0	9.6	11:35	2.0	2.1
11:36	10.5	12.8	11:36	7.0	9.8	11:36	1.3	2.0
11:37	10.5	12.5	11:37	36.8	12.1	11:37	2.8	2.1
11:38	10.0	12.2	11:38	64.3	16.2	11:38	1.0	2.0
11:39	10.5	12.1	11:39	21.5	17.1	11:39	1.0	2.0
11:40	9.8	12.0	11:40	25.5	18.4	11:40	1.0	1.9
11:41	9.8	11.8	11:41	7.8	18.7	11:41	2.5	1.9
11:42	13.0	11.8	11:42	6.5	19.0	11:42	2.5	2.0
11:43	12.0	11.7	11:43	4.5	19.2	11:43	2.0	1.9
11:44	10.0	11.4	11:44	11.3	19.7	11:44	2.0	1.9
11:45	11.0	11.4	11:45	3.8	18.5	11:45	1.5	1.8
11:46	12.0	11.3	11:46	1.8	16.2	11:46	1.0	1.8
11:47	17.3	11.6	11:47	1.3	14.8	11:47	1.0	1.7
11:48	13.5	11.6	11:48	1.0	13.9	11:48	1.8	1.7
11:49	12.8	11.6	11:49	1.3	13.5	11:49	1.0	1.6
11:50	15.8	11.9	11:50	2.0	13.1	11:50	1.3	1.6
11:51	15.8	12.2	11:51	2.0	12.7	11:51	2.0	1.6
11:52	11.5	12.3	11:52	3.3	10.5	11:52	2.0	1.6
11:53	10.0	12.3	11:53	9.0	6.8	11:53	1.8	1.6
11:54	10.3	12.3	11:54	2.5	5.6	11:54	2.0	1.7
11:55	13.3	12.5	11:55	2.0	4.0	11:55	2.0	1.8
11:56	12.3	12.7	11:56	2.5	3.6	11:56	1.3	1.7
11:57	12.5	12.7	11:57	2.0	3.3	11:57	1.0	1.6
11:58	10.8	12.6	11:58	1.0	3.1	11:58	1.0	1.5
11:59	9.8	12.6	11:59	4.5	2.7	11:59	2.0	1.5
12:00	9.3	12.4	12:00	7.3	2.9	12:00	1.0	1.5
12:01	9.8	12.3	12:01	11.0	3.5	12:01	1.0	1.5
12:02	10.5	11.8	12:02	3.8	3.7	12:02	1.8	1.5
12:03	12.5	11.8	12:03	3.8	3.9	12:03	2.0	1.5
12:04	10.8	11.6	12:04	9.3	4.4	12:04	1.0	1.5

PARTICULATE DATA									
Upwind			Downwind						
Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Exceeds Particulate Alarm Limit
12:05	12.0	11.4	12:05	27.8	6.1	12:05	14.3	2.4	-
12:06	18.0	11.5	12:06	18.3	7.2	12:06	3.8	2.5	-
12:07	11.0	11.5	12:07	22.3	8.5	12:07	1.3	2.5	-
12:08	11.0	11.6	12:08	9.5	8.5	12:08	1.5	2.5	-
12:09	12.3	11.7	12:09	4.3	8.6	12:09	1.0	2.4	-
12:10	13.8	11.7	12:10	2.5	8.6	12:10	1.0	2.3	-
12:11	14.5	11.9	12:11	2.8	8.7	12:11	1.0	2.3	-
12:12	17.0	12.2	12:12	245.0	24.9	12:12	1.5	2.3	-
12:13	17.8	12.7	12:13	1054.5	95.1	12:13	1.5	2.4	-
12:14	17.8	13.2	12:14	64.3	99.1	12:14	2.0	2.4	-
12:15	18.0	13.8	12:15	6.3	99.0	12:15	2.8	2.5	-
12:16	12.5	14.0	12:16	7.8	98.8	12:16	2.0	2.6	-
12:17	10.5	14.0	12:17	5.3	98.9	12:17	2.0	2.6	-
12:18	12.3	13.9	12:18	5.5	99.0	12:18	1.3	2.5	-
12:19	10.8	13.9	12:19	2.3	98.5	12:19	1.0	2.5	-
12:20	12.0	13.9	12:20	2.3	96.8	12:20	1.0	1.6	-
12:21	13.8	13.7	12:21	1.8	95.7	12:21	1.0	1.5	-
12:22	18.3	14.1	12:22	1.0	94.3	12:22	1.0	1.4	-
12:23	20.8	14.8	12:23	1.8	93.8	12:23	1.3	1.4	-
12:24	17.3	15.1	12:24	7.5	94.0	12:24	1.0	1.4	-
12:25	13.5	15.1	12:25	17.3	95.0	12:25	1.0	1.4	-
12:26	12.8	15.0	12:26	41.3	97.6	12:26	1.0	1.4	-
12:27	30.3	15.9	12:27	4.5	81.5	12:27	1.8	1.4	-
12:28	15.3	15.7	12:28	4.5	11.5	12:28	1.3	1.4	-
12:29	15.0	15.5	12:29	3.3	7.5	12:29	1.5	1.4	-
12:30	14.0	15.3	12:30	3.0	7.3	12:30	3.0	1.4	-
12:31	16.3	15.5	12:31	3.0	6.9	12:31	2.8	1.5	-
12:32	16.8	15.9	12:32	3.0	6.8	12:32	2.0	1.5	-
12:33	10.3	15.8	12:33	5.8	6.8	12:33	2.3	1.5	-
12:34	14.3	16.0	12:34	2.5	6.8	12:34	2.0	1.6	-
12:35	14.8	16.2	12:35	2.0	6.8	12:35	1.3	1.6	-
12:36	13.3	16.2	12:36	1.0	6.8	12:36	1.0	1.6	-
12:37	12.8	15.8	12:37	1.8	6.8	12:37	2.0	1.7	-
12:38	14.0	15.4	12:38	1.5	6.8	12:38	3.8	1.8	-
12:39	16.0	15.3	12:39	1.5	6.4	12:39	2.3	1.9	-
12:40	11.0	15.1	12:40	1.0	5.3	12:40	1.8	2.0	-
12:41	9.8	14.9	12:41	0.8	2.6	12:41	1.3	2.0	-
12:42	10.5	13.6	12:42	0.3	2.3	12:42	1.0	1.9	-
12:43	11.8	13.4	12:43	0.8	2.1	12:43	1.0	1.9	-
12:44	11.3	13.1	12:44	1.0	1.9	12:44	1.0	1.9	-
12:45	9.5	12.8	12:45	1.0	1.8	12:45	1.0	1.8	-
12:46	9.5	12.4	12:46	1.0	1.7	12:46	1.0	1.6	-
12:47	9.3	11.9	12:47	1.0	1.5	12:47	1.0	1.6	-
12:48	9.5	11.8	12:48	1.0	1.2	12:48	1.0	1.5	-
12:49	11.0	11.6	12:49	1.0	1.1	12:49	1.0	1.4	-
12:50	10.8	11.3	12:50	1.8	1.1	12:50	1.0	1.4	-
12:51	12.0	11.2	12:51	2.8	1.2	12:51	3.3	1.6	-
12:52	12.8	11.2	12:52	2.3	1.2	12:52	4.3	1.7	-
12:53	15.0	11.3	12:53	1.5	1.2	12:53	3.5	1.7	-
12:54	12.8	11.1	12:54	2.0	1.3	12:54	1.8	1.7	-
12:55	11.8	11.1	12:55	1.0	1.3	12:55	2.0	1.7	-
12:56	15.3	11.5	12:56	1.3	1.3	12:56	2.5	1.8	-
12:57	11.8	11.6	12:57	2.0	1.4	12:57	1.5	1.8	-
12:58	9.5	11.4	12:58	1.8	1.5	12:58	1.5	1.8	-
12:59	9.0	11.3	12:59	1.3	1.5	12:59	1.8	1.9	-
13:00	9.5	11.3	13:00	1.0	1.5	13:00	2.0	1.9	-
13:01	12.3	11.5	13:01	1.0	1.5	13:01	2.0	2.0	-
13:02	9.3	11.5	13:02	1.8	1.6	13:02	2.0	2.1	-
13:03	8.8	11.4	13:03	1.0	1.6	13:03	2.0	2.1	-
13:04	8.0	11.2	13:04	1.0	1.6	13:04	1.5	2.2	-
13:05	8.0	11.0	13:05	2.0	1.6	13:05	1.5	2.2	-
13:06	8.3	10.8	13:06	1.0	1.5	13:06	2.0	2.1	-
13:07	8.0	10.5	13:07	1.0	1.4	13:07	2.0	2.0	-
13:08	9.0	10.1	13:08	1.0	1.3	13:08	2.0	1.9	-
13:09	9.0	9.8	13:09	1.0	1.3	13:09	2.0	1.9	-
13:10	9.0	9.6	13:10	1.0	1.3	13:10	2.0	1.9	-
13:11	9.0	9.2	13:11	1.0	1.3	13:11	2.0	1.9	-
13:12	9.0	9.0	13:12	1.0	1.2	13:12	1.3	1.8	-
13:13	8.5	9.0	13:13	2.0	1.2	13:13	1.0	1.8	-
13:14	9.5	9.0	13:14	2.0	1.3	13:14	1.0	1.8	-
13:15	9.0	9.0	13:15	2.0	1.3	13:15	1.3	1.7	-
13:16	9.0	8.8	13:16	1.0	1.3	13:16	2.0	1.7	-
13:17	13.8	9.1	13:17	1.5	1.3	13:17	1.0	1.6	-
13:18	8.5	9.0	13:18	1.0	1.3	13:18	1.0	1.6	-
13:19	9.0	9.1	13:19	1.5	1.3	13:19	1.0	1.5	-
13:20	9.0	9.2	13:20	1.0	1.3	13:20	1.5	1.5	-

PARTICULATE DATA								
Upwind			Downwind					
Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)
13:21	9.0	9.2	13:21	1.0	1.3	13:21	2.0	1.5
13:22	10.0	9.4	13:22	1.8	1.3	13:22	2.0	1.5
13:23	10.0	9.4	13:23	1.3	1.3	13:23	2.0	1.5
13:24	10.0	9.5	13:24	1.0	1.3	13:24	2.0	1.5
13:25	9.0	9.5	13:25	1.0	1.3	13:25	2.0	1.5
13:26	9.3	9.5	13:26	1.0	1.3	13:26	1.3	1.5
13:27	9.3	9.5	13:27	1.0	1.3	13:27	2.0	1.5
13:28	8.3	9.5	13:28	1.0	1.3	13:28	2.0	1.6
13:29	9.0	9.5	13:29	1.0	1.2	13:29	1.3	1.6
13:30	8.8	9.5	13:30	1.0	1.1	13:30	1.0	1.6
13:31	8.5	9.4	13:31	1.0	1.1	13:31	1.0	1.5
13:32	9.0	9.1	13:32	1.0	1.1	13:32	2.0	1.6
13:33	9.0	9.1	13:33	1.0	1.1	13:33	2.0	1.7
13:34	10.8	9.3	13:34	1.0	1.1	13:34	1.3	1.7
13:35	9.8	9.3	13:35	1.0	1.1	13:35	2.0	1.7
13:36	9.8	9.4	13:36	1.0	1.1	13:36	2.0	1.7
13:37	11.8	9.5	13:37	1.0	1.0	13:37	2.0	1.7
13:38	10.3	9.5	13:38	1.0	1.0	13:38	2.0	1.7
13:39	14.3	9.8	13:39	2.5	1.1	13:39	2.0	1.7
13:40	13.8	10.1	13:40	6.5	1.5	13:40	2.0	1.7
13:41	13.8	10.4	13:41	3.0	1.6	13:41	1.0	1.7
13:42	12.0	10.6	13:42	1.3	1.6	13:42	1.0	1.6
13:43	12.3	10.8	13:43	1.0	1.6	13:43	1.0	1.6
13:44	11.3	11.0	13:44	1.0	1.6	13:44	1.5	1.6
13:45	14.5	11.4	13:45	1.0	1.6	13:45	2.0	1.7
13:46	18.0	12.0	13:46	1.5	1.7	13:46	2.0	1.7
13:47	12.8	12.3	13:47	2.0	1.7	13:47	2.0	1.7
13:48	12.5	12.5	13:48	1.3	1.7	13:48	2.0	1.7
13:49	14.3	12.7	13:49	7.5	2.2	13:49	2.5	1.8
13:50	11.3	12.8	13:50	7.0	2.6	13:50	2.0	1.8
13:51	9.0	12.8	13:51	18.0	3.7	13:51	2.0	1.8
13:52	8.8	12.6	13:52	15.0	4.6	13:52	2.0	1.8
13:53	9.3	12.5	13:53	8.0	5.1	13:53	2.0	1.8
13:54	11.5	12.3	13:54	4.3	5.2	13:54	1.0	1.7
13:55	12.8	12.3	13:55	7.5	5.3	13:55	1.5	1.7
13:56	10.5	12.0	13:56	7.8	5.6	13:56	1.5	1.7
13:57	11.0	12.0	13:57	13.5	6.4	13:57	1.0	1.7
13:58	11.5	11.9	13:58	15.0	7.4	13:58	1.0	1.7
13:59	9.8	11.8	13:59	57.5	11.1	13:59	1.0	1.7
14:00	8.5	11.4	14:00	15.3	12.1	14:00	1.0	1.6
14:01	12.8	11.1	14:01	6.8	12.4	14:01	1.0	1.6
14:02	13.8	11.1	14:02	7.3	12.8	14:02	1.0	1.5
14:03	15.3	11.3	14:03	4.0	13.0	14:03	5.8	1.8
14:04	10.5	11.1	14:04	7.8	13.0	14:04	1.3	1.7
14:05	9.8	11.0	14:05	7.5	13.0	14:05	1.0	1.6
14:06	10.0	11.0	14:06	2.5	12.0	14:06	1.0	1.5
14:07	9.0	11.1	14:07	3.3	11.2	14:07	1.0	1.5
14:08	8.3	11.0	14:08	7.5	11.2	14:08	1.0	1.4
14:09	11.8	11.0	14:09	3.5	11.1	14:09	1.0	1.4
14:10	10.0	10.8	14:10	3.5	10.8	14:10	1.0	1.4
14:11	9.3	10.7	14:11	2.3	10.5	14:11	1.0	1.3
14:12	8.8	10.6	14:12	2.8	9.8	14:12	3.0	1.5
14:13	8.5	10.4	14:13	3.8	9.0	14:13	1.8	1.5
14:14	12.8	10.6	14:14	5.5	5.5	14:14	2.3	1.6
14:15	10.8	10.7	14:15	4.8	4.8	14:15	1.5	1.6
14:16	21.3	11.3	14:16	5.3	4.7	14:16	1.5	1.7
14:17	37.0	12.9	14:17	7.3	4.7	14:17	1.0	1.7
14:18	11.5	12.6	14:18	4.3	4.8	14:18	1.0	1.4
14:19	14.8	12.9	14:19	9.0	4.8	14:19	1.0	1.3
14:20	13.0	13.1	14:20	9.0	4.9	14:20	1.0	1.3
14:21	16.5	13.5	14:21	4.5	5.1	14:21	1.0	1.3
14:22	19.0	14.2	14:22	2.0	5.0	14:22	1.0	1.3
14:23	12.8	14.5	14:23	3.0	4.7	14:23	1.0	1.3
14:24	14.3	14.7	14:24	3.0	4.7	14:24	1.0	1.3
14:25	13.3	14.9	14:25	4.3	4.7	14:25	1.0	1.3
14:26	11.5	15.0	14:26	3.3	4.8	14:26	1.0	1.3
14:27	10.8	15.2	14:27	4.3	4.9	14:27	1.3	1.2
14:28	14.8	15.6	14:28	5.3	5.0	14:28	1.8	1.2
14:29	15.5	15.8	14:29	2.8	4.8	14:29	1.0	1.1
14:30	13.5	16.0	14:30	4.3	4.8	14:30	1.0	1.1
14:31	13.8	15.5	14:31	4.0	4.7	14:31	1.0	1.1
14:32	11.3	13.7	14:32	6.8	4.6	14:32	1.0	1.1
14:33	11.5	13.7	14:33	5.3	4.7	14:33	1.0	1.1
14:34	10.8	13.5	14:34	4.8	4.4	14:34	1.0	1.1
14:35	10.3	13.3	14:35	3.0	4.0	14:35	1.0	1.1
14:36	9.5	12.8	14:36	3.3	3.9	14:36	1.0	1.1

PARTICULATE DATA								
Upwind			Downwind					
Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)
14:37	8.5	12.1	14:37	4.5	4.1	14:37	1.0	1.1
14:38	8.3	11.8	14:38	4.3	4.2	14:38	1.0	1.1
14:39	8.0	11.4	14:39	2.3	4.1	14:39	1.0	1.1
14:40	8.0	11.1	14:40	1.8	4.0	14:40	1.8	1.1
14:41	8.8	10.9	14:41	1.5	3.9	14:41	1.0	1.1
14:42	9.5	10.8	14:42	2.0	3.7	14:42	1.0	1.1
14:43	10.0	10.5	14:43	1.8	3.5	14:43	1.0	1.1
14:44	9.8	10.1	14:44	1.8	3.4	14:44	1.0	1.1
14:45	10.8	9.9	14:45	2.0	3.3	14:45	1.0	1.1
14:46	11.3	9.7	14:46	2.0	3.1	14:46	1.0	1.1
14:47	11.8	9.8	14:47	2.0	2.8	14:47	1.0	1.1
14:48	11.3	9.8	14:48	1.5	2.6	14:48	1.0	1.1
14:49	11.3	9.8	14:49	2.0	2.4	14:49	1.0	1.1
14:50	12.3	9.9	14:50	1.0	2.2	14:50	1.0	1.1
14:51	13.5	10.2	14:51	1.0	2.1	14:51	2.0	1.1
14:52	20.8	11.0	14:52	1.3	1.9	14:52	2.0	1.2
14:53	11.3	11.2	14:53	1.5	1.7	14:53	1.0	1.2
14:54	11.5	11.4	14:54	2.8	1.7	14:54	1.0	1.2
14:55	9.3	11.5	14:55	2.0	1.7	14:55	1.0	1.1
14:56	8.5	11.5	14:56	1.5	1.7	14:56	1.0	1.1
14:57	8.0	11.4	14:57	1.8	1.7	14:57	1.0	1.1
14:58	8.0	11.3	14:58	2.0	1.7	14:58	1.0	1.1
14:59	8.0	11.2	14:59	2.8	1.8	14:59	1.0	1.1
15:00	8.3	11.0	15:00	2.8	1.9	15:00	1.0	1.1
15:01	9.3	10.9	15:01	2.3	1.9	15:01	1.0	1.1
15:02	11.0	10.8	15:02	3.0	1.9	15:02	1.0	1.1
15:03	14.5	11.0	15:03	5.0	2.2	15:03	4.0	1.3
15:04	12.3	11.1	15:04	6.5	2.5	15:04	10.0	1.9
15:05	9.5	10.9	15:05	2.5	2.6	15:05	1.0	1.9
15:06	10.5	10.7	15:06	1.0	2.6	15:06	1.5	1.9
15:07	11.0	10.1	15:07	2.3	2.6	15:07	1.0	1.8
15:08	9.8	10.0	15:08	3.5	2.8	15:08	2.0	1.9
15:09	9.5	9.8	15:09	4.5	2.9	15:09	1.5	1.9
15:10	12.8	10.1	15:10	3.3	3.0	15:10	1.0	1.9
15:11	10.8	10.2	15:11	3.0	3.1	15:11	1.0	1.9
15:12	9.3	10.3	15:12	3.0	3.2	15:12	1.0	1.9
15:13	9.5	10.4	15:13	3.0	3.2	15:13	1.5	2.0
15:14	10.0	10.5	15:14	3.0	3.2	15:14	1.3	2.0
15:15	13.5	10.9	15:15	3.3	3.3	15:15	1.0	2.0
15:16	10.5	11.0	15:16	4.0	3.4	15:16	1.0	2.0
15:17	11.0	11.0	15:17	3.0	3.4	15:17	1.5	2.0
15:18	12.0	10.8	15:18	3.0	3.3	15:18	1.5	1.9
15:19	11.3	10.7	15:19	2.8	3.0	15:19	1.8	1.3
15:20	11.5	10.9	15:20	2.5	3.0	15:20	1.5	1.3
15:21	11.0	10.9	15:21	3.0	3.1	15:21	2.5	1.4
15:22	10.3	10.8	15:22	3.0	3.2	15:22	4.0	1.6
15:23	10.3	10.9	15:23	3.3	3.2	15:23	2.3	1.6
15:24	11.5	11.0	15:24	3.5	3.1	15:24	1.0	1.6
15:25	10.8	10.9	15:25	3.8	3.1	15:25	1.0	1.6
15:26	10.8	10.9	15:26	4.0	3.2	15:26	1.0	1.6
15:27	12.5	11.1	15:27	3.5	3.2	15:27	3.0	1.7
15:28	11.5	11.2	15:28	3.5	3.3	15:28	2.0	1.8
15:29	12.8	11.4	15:29	4.0	3.3	15:29	1.3	1.8
15:30	10.3	11.2	15:30	3.5	3.4	15:30	1.0	1.8
15:31	10.0	11.2	15:31	3.3	3.3	15:31	1.3	1.8
15:32	23.3	12.0	15:32	4.5	3.4	15:32	2.0	1.8
15:33	17.5	12.3	15:33	5.0	3.5	15:33	1.8	1.8
15:34	30.3	13.6	15:34	4.5	3.7	15:34	1.0	1.8
15:35	27.0	14.6	15:35	4.5	3.8	15:35	1.5	1.8
15:36	27.3	15.7	15:36	4.8	3.9	15:36	2.0	1.7
15:37	25.8	16.8	15:37	4.0	4.0	15:37	2.0	1.6
15:38	21.3	17.5	15:38	4.0	4.0	15:38	2.0	1.6
15:39	14.5	17.7	15:39	4.8	4.1	15:39	1.5	1.6
15:40	14.3	17.9	15:40	4.0	4.1	15:40	1.0	1.6
15:41	14.5	18.2	15:41	4.0	4.1	15:41	2.0	1.7
15:42	14.0	18.3	15:42	4.0	4.2	15:42	2.0	1.6
15:43	12.8	18.4	15:43	3.5	4.2	15:43	2.0	1.6
15:44	13.8	18.4	15:44	3.3	4.1	15:44	1.3	1.6
15:45	30.0	19.7	15:45	4.0	4.1	15:45	1.0	1.6
15:46	39.5	21.7	15:46	3.3	4.1	15:46	1.0	1.6
15:47	22.3	21.6	15:47	4.0	4.1	15:47	1.8	1.6
15:48	17.0	21.6	15:48	4.0	4.0	15:48	2.0	1.6
15:49	37.5	22.1	15:49	4.0	4.0	15:49	2.8	1.7
15:50	36.0	22.7	15:50	4.0	4.0	15:50	1.5	1.7
15:51	22.0	22.3	15:51	4.0	3.9	15:51	1.8	1.7
15:52	22.3	22.1	15:52	4.8	4.0	15:52	1.8	1.7

PARTICULATE DATA								
Upwind			Downwind					
Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)
15:53	15.0	21.7	15:53	4.0	4.0	15:53	1.5	1.7
15:54	22.8	22.2	15:54	4.0	3.9	15:54	1.0	1.6
15:55	16.5	22.4	15:55	4.0	3.9	15:55	1.0	1.6
15:56	13.3	22.3	15:56	4.0	3.9	15:56	2.5	1.7
15:57	13.8	22.3	15:57	5.0	4.0	15:57	3.0	1.7
15:58	12.3	22.3	15:58	5.0	4.1	15:58	3.3	1.8
15:59	12.0	22.1	15:59	4.3	4.2	15:59	2.0	1.9
16:00	12.5	21.0	16:00	4.0	4.2	16:00	2.0	1.9
16:01	11.0	19.1	16:01	4.3	4.2	16:01	2.0	2.0
16:02	10.8	18.3	16:02	5.0	4.3	16:02	2.0	2.0
16:03	11.3	17.9	16:03	4.0	4.3	16:03	2.0	2.0
16:04	10.0	16.1	16:04	4.0	4.3	16:04	1.8	1.9
16:05	10.0	14.4	16:05	3.0	4.2	16:05	1.3	1.9
16:06	9.8	13.5	16:06	3.8	4.2	16:06	1.8	1.9
16:07	8.5	12.6	16:07	3.8	4.1	16:07	2.0	1.9
16:08	9.8	12.3	16:08	4.0	4.1	16:08	2.0	2.0
16:09	12.5	11.6	16:09	4.0	4.1	16:09	2.0	2.0
16:10	9.8	11.1	16:10	3.5	4.1	16:10	2.0	2.1
16:11	9.8	10.9	16:11	3.8	4.1	16:11	1.8	2.1
16:12	10.3	10.7	16:12	3.5	4.0	16:12	1.5	2.0
16:13	9.0	10.5	16:13	4.0	3.9	16:13	2.5	1.9
16:14	10.8	10.4	16:14	3.8	3.9	16:14	2.8	2.0
16:15	10.8	10.3	16:15	3.3	3.8	16:15	2.0	2.0
16:16	9.0	10.1	16:16	4.0	3.8	16:16	1.8	1.9
16:17	8.3	10.0	16:17	5.0	3.8	16:17	1.0	1.9
16:18	8.5	9.8	16:18	7.3	4.0	16:18	1.3	1.8
16:19	10.5	9.8	16:19	6.0	4.2	16:19	1.3	1.8
16:20	12.8	10.0	16:20	5.5	4.3	16:20	1.8	1.8
16:21	11.8	10.1	16:21	7.5	4.6	16:21	2.0	1.8
16:22	11.0	10.3	16:22	5.5	4.7	16:22	1.0	1.8
16:23	9.0	10.2	16:23	4.0	4.7	16:23	1.3	1.7
16:24	9.8	10.1	16:24	3.8	4.7	16:24	2.0	1.7
16:25	9.3	10.0	16:25	3.0	4.7	16:25	1.3	1.7
16:26	8.8	10.0	16:26	3.0	4.6	16:26	1.0	1.6
16:27	9.3	9.9	16:27	3.0	4.6	16:27	1.8	1.6
16:28	9.8	9.9	16:28	3.0	4.5	16:28	2.0	1.6
16:29	10.5	9.9	16:29	3.0	4.5	16:29	1.3	1.5
16:30	10.3	9.9	16:30	3.3	4.5	16:30	1.5	1.5
16:31	8.0	9.8	16:31	3.5	4.4	16:31	1.8	1.5
16:32	8.8	9.9	16:32	3.3	4.3	16:32	1.0	1.5
16:33	9.3	9.9	16:33	3.8	4.1	16:33	1.8	1.5
16:34	11.0	9.9	16:34	4.0	3.9	16:34	1.0	1.5
16:35	1.5	9.2	16:35	11.0	4.3	16:35	4.0	1.6
16:36	1.0	8.5	16:36	9.3	4.4	16:36	4.0	1.8
16:37	1.0	7.8	16:37	9.5	4.7	16:37	4.0	2.0
16:38	1.8	7.3	16:38	10.0	5.1	16:38	4.0	2.2
16:39	1.5	6.8	16:39	9.3	5.5	16:39	4.8	2.3
16:40	1.3	6.2	16:40	9.0	5.9	16:40	5.0	2.6
16:41	1.3	5.7	16:41	9.8	6.3	16:41	4.5	2.8
16:42	1.0	5.2	16:42	9.0	6.7	16:42	4.3	3.0
16:43	1.0	4.6	16:43	12.3	7.3	16:43	4.0	3.1
16:44	1.0	4.0	16:44	13.0	8.0	16:44	4.3	3.3
16:45	2.0	3.4	16:45	11.3	8.5	16:45	5.5	3.6
16:46	2.0	3.0	16:46	12.0	9.1	16:46	5.0	3.8
16:47	2.0	2.6	16:47	9.5	9.5	16:47	5.0	4.1
16:48	2.3	2.1	16:48	11.5	10.0	16:48	4.0	4.2
16:49	2.8	1.6	16:49	11.3	10.5	16:49	4.0	4.4
16:50	11.3	2.2	16:50	4.8	10.1	16:50	2.0	4.3
16:51	10.8	2.9	16:51	5.0	9.8	16:51	2.0	4.2
16:52	13.0	3.7	16:52	5.0	9.5	16:52	2.0	4.0
16:53	11.8	4.3	16:53	5.0	9.2	16:53	2.5	3.9
16:54	11.5	5.0	16:54	5.0	8.9	16:54	3.0	3.8
16:55	9.8	5.6	16:55	5.0	8.6	16:55	2.0	3.6
16:56	14.0	6.4	16:56	5.0	8.3	16:56	1.0	3.4
16:57	13.5	7.2	16:57	4.3	8.0	16:57	1.5	3.2
16:58	9.3	7.8	16:58	5.0	7.5	16:58	3.0	3.1
16:59	9.3	8.3	16:59	5.0	7.0	16:59	2.0	3.0
17:00	10.5	8.9	17:00	5.0	6.6	17:00	2.0	2.7
17:01	10.8	9.5	17:01	5.0	6.1	17:01	2.0	2.5
17:02	10.0	10.0	17:02	5.5	5.8	17:02	2.0	2.3
17:03	10.5	10.6	17:03	6.0	5.5	17:03	2.0	2.2
17:04	11.0	11.1	17:04	6.3	5.1	17:04	2.0	2.1
17:05	9.3	11.0	17:05	5.5	5.2	17:05	2.0	2.1
17:06	9.8	10.9	17:06	5.5	5.2	17:06	1.5	2.0
17:07	8.8	10.6	17:07	5.0	5.2	17:07	2.0	2.0
17:08	8.0	10.4	17:08	5.0	5.2	17:08	2.0	-

PARTICULATE DATA										
Upwind			Downwind							Exceeds Particulate Alarm Limit
Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)	Time	Concentration (ug/m³)	15-Min Avg Concentration (ug/m³)		
17:09	11.8	10.4	17:09	5.3	5.2	17:09	2.0	1.9	-	
17:10	10.0	10.4	17:10	6.0	5.3	17:10	2.8	2.0	-	
17:11	10.8	10.2	17:11	6.0	5.4	17:11	3.0	2.1	-	
17:12	9.0	9.9	17:12	6.0	5.5	17:12	3.8	2.3	-	
17:13	10.3	10.0	17:13	6.0	5.5	17:13	2.5	2.2	-	
17:14	12.0	10.2	17:14	6.3	5.6	17:14	3.5	2.3	-	
17:15	12.3	10.3	17:15	6.0	5.7	17:15	2.8	2.4	-	
17:16	9.0	10.2	17:16	6.0	5.8	17:16	3.0	2.5	-	
17:17	11.5	10.3	17:17	6.0	5.8	17:17	3.0	2.5	-	
17:18	11.3	10.3	17:18	6.5	5.8	17:18	2.3	2.5	-	
17:19	13.0	10.4	17:19	7.0	5.9	17:19	2.0	2.5	-	
17:20	10.0	10.5	17:20	7.0	6.0	17:20	2.0	2.5	-	
17:21	13.3	10.7	17:21	7.0	6.1	17:21	4.5	2.7	-	
17:22	12.0	10.9	17:22	6.8	6.2	17:22	5.3	3.0	-	
17:23	9.5	11.0	17:23	6.0	6.3	17:23	3.8	3.1	-	
17:24	8.5	10.8	17:24	6.0	6.3	17:24	2.0	3.1	-	
17:25	9.0	10.8	17:25	6.3	6.3	17:25	2.0	3.0	-	
17:26	9.0	10.6	17:26	7.0	6.4	17:26	3.5	3.1	-	
17:27	8.3	10.6	17:27	7.8	6.5	17:27	8.3	3.4	-	
17:28	12.8	10.8	17:28	8.0	6.6	17:28	3.8	3.4	-	
17:29	13.0	10.8	17:29	8.0	6.8	17:29	2.0	3.3	-	
17:30	2.0	10.1	17:30	9.8	7.0	17:30	7.8	3.7	-	
17:31	3.0	9.7	17:31	14.5	7.6	17:31	10.3	4.2	-	
17:32	2.0	9.1	17:32	13.3	8.1	17:32	8.8	4.5	-	
17:33	5.3	8.7	17:33	13.8	8.5	17:33	7.0	4.9	-	
17:34	3.0	8.0	17:34	10.0	8.7	17:34	7.0	5.2	-	
17:35	5.3	7.7	17:35	10.5	9.0	17:35	6.3	5.5	-	

Wednesday, January 18, 2023									
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 = 0									
Number of Comparable Data Points = 615									
Start Time: 7:06									
End Time: 17:35									
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
7:06	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	-	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	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	0.3	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	-

PID DATA									Exceeds Particulate Alarm Limit	
Upwind			Downwind							
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)		
8:17	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	-	
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	-	

PID DATA									Exceeds Particulate Alarm Limit	
Upwind			Downwind							
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)		
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	0.2	0.0	10:45	0.0	0.0	10:45	0.0	0.0	-	
10:46	0.1	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	-	

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)		
17:09	0.0	0.0	17:09	0.0	0.0	17:09	0.0	0.0	-	
17:10	0.0	0.0	17:10	0.0	0.0	17:10	0.0	0.0	-	
17:11	0.0	0.0	17:11	0.0	0.0	17:11	0.0	0.0	-	
17:12	0.0	0.0	17:12	0.0	0.0	17:12	0.0	0.0	-	
17:13	0.0	0.0	17:13	0.0	0.0	17:13	0.0	0.0	-	
17:14	0.0	0.0	17:14	0.0	0.0	17:14	0.0	0.0	-	
17:15	0.0	0.0	17:15	0.0	0.0	17:15	0.0	0.0	-	
17:16	0.0	0.0	17:16	0.0	0.0	17:16	0.0	0.0	-	
17:17	0.0	0.0	17:17	0.0	0.0	17:17	0.0	0.0	-	
17:18	0.0	0.0	17:18	0.0	0.0	17:18	0.0	0.0	-	
17:19	0.0	0.0	17:19	0.0	0.0	17:19	0.0	0.0	-	
17:20	0.0	0.0	17:20	0.0	0.0	17:20	0.0	0.0	-	
17:21	0.0	0.0	17:21	0.0	0.0	17:21	0.0	0.0	-	
17:22	0.0	0.0	17:22	0.0	0.0	17:22	0.0	0.0	-	
17:23	0.0	0.0	17:23	0.0	0.0	17:23	0.0	0.0	-	
17:24	0.0	0.0	17:24	0.0	0.0	17:24	0.0	0.0	-	
17:25	0.0	0.0	17:25	0.0	0.0	17:25	0.0	0.0	-	
17:26	0.0	0.0	17:26	0.0	0.0	17:26	0.0	0.0	-	
17:27	0.0	0.0	17:27	0.0	0.0	17:27	0.0	0.0	-	
17:28	0.0	0.0	17:28	0.0	0.0	17:28	0.0	0.0	-	
17:29	0.0	0.0	17:29	0.0	0.0	17:29	0.0	0.0	-	
17:30	0.0	0.0	17:30	0.0	0.0	17:30	0.0	0.0	-	
17:31	0.0	0.0	17:31	0.0	0.0	17:31	0.0	0.0	-	
17:32	0.0	0.0	17:32	0.0	0.0	17:32	0.0	0.0	-	
17:33	0.0	0.0	17:33	0.0	0.0	17:33	0.0	0.0	-	
17:34	0.0	0.0	17:34	0.0	0.0	17:34	0.0	0.0	-	
17:35	0.0	0.0	17:35	0.0	0.0	17:35	0.0	0.0	-	