

LANGAN SITE OBSERVATION REPORT – Day 132

CLIENT:	Gowanus Canal LLC and GowCan Owner, LLC	DATE:	Thursday, February 16, 2023			
PROJECT No.:	170295301	WEATHER:	Cloudy, 54 to 70°F Wind: WSW @ 0.7 – 2.8 mph			
PROJECT:	Gowanus Canal Northside	TIME:	06:30 – 17:15			
LOCATION:	Brooklyn, New York	BCP SITE ID:	C224080			
EQUIPMENT:	Komatsu PC 490 Excavator Junttan PM20/25 Drill Rig Komatsu PC 240 Excavator JLG HC3 Boom Lift Komatsu PC 78 US Excavator Dynapac CA150 Compactor APE Model 23.2 Vibratory Hammer Komatsu Wheel Loader Junttan PM20US Drill Rig Fraste CompactRotoSonic 140 Drill Rig Vacuum Truck					
PRESENT AT SITE: Langan: Brian Kenneally, Jack Frey (Environmental), Ahmed Mahmoud (Geotechnical) Urban Atelier Group (UAG): Seth Anderson Kingdom Associates, Inc. (Kingdom): George Minchala TT Mechanical Corp. (TT Mechanical): Damien Sokol New York State Department of Environmental Conservation (NYSDEC): Sunlei Yang Costal Environmental Solutions, Inc. (Costal): Patrick Slavin						
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: <p>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 and the NYSDEC-approved February 9, 2023 Grossly Contaminated Material/Nonaqueous-Phase Liquid (GCM/NAPL) Investigation Work Plan. Site Map 1 presents the Society Brooklyn and Sackett Place developments, which together comprise the BCP site.</p> <p>Site Activities</p> <ul style="list-style-type: none"> Kingdom imported six truckloads of 0.5-inch crushed stone. See material tracking section for details. Kingdom exported two truckloads of construction and demolition (C&D) debris. See material tracking section for details. Kingdom stabilized an about 30-foot-long by 10-foot-wide area with imported 0.5-inch crushed stone to create a level working surface in the eastern part of Society Brooklyn. Kingdom demolished historical concrete foundation elements in the northwestern part of Sackett Place. <ul style="list-style-type: none"> Demolished C&D debris was screened for odor, staining, and organic vapor using a photoionization detector (PID). No impacts were observed. The C&D debris was stockpiled in the central part of Sackett Place pending future off-site disposal. Kingdom installed formwork for structural pile caps in the eastern part of Society Brooklyn and the southwestern part of Sackett Place. Kingdom installed formwork for the first floor slab above the cellar in the southern part of Society Brooklyn. Kingdom backfilled around cellar wall formwork with imported 0.5-inch crushed stone in the southern part of Society Brooklyn. Coastal converted soil boring SB40A (advanced to 75 feet below grade surface [bgs] on 2/15/23) into monitoring well MW40A-D within the 6-inch diameter borehole. The well was installed to about 75 feet bgs with 10 feet of 0.02-inch slotted well screen installed from about 65 to 75 feet bgs (interval below coal tar impacts observed in SB40) and a solid PVC riser to surface grade. The annulus of the well was backfilled with clean No. 2 sand to about 63 feet bgs followed by an about 2-foot-thick hydrated bentonite seal. The remainder of the annulus 						
Cc:	J. Hayes, M. Burke, P. Farnham, E. Adkins, A. Nesci	By:	Brian Kenneally, Jack Frey Langan, D.P.C.			

was backfilled with a grout-bentonite slurry to 2 feet bgs followed by a 1-foot-thick bentonite seal. A permanent flush-mounted steel casing set in concrete was installed above the well. The well will be developed at a later date.

- Coastal advanced soil boring SB38B to about 80 feet bgs in the eastern part of Society Brooklyn to install a deep groundwater monitoring well.
 - Coastal converted soil boring SB38B into monitoring well MW38B-D within the 6-inch diameter borehole. The well was installed to about 80 feet bgs with 10 feet of 0.02-inch slotted well screen installed from about 70 to 80 feet bgs (interval below coal tar impacts observed in SB38) and a solid PVC riser to surface grade. The annulus of the well was backfilled with clean No. 2 sand to about 68 feet bgs followed by an about 2-foot-thick hydrated bentonite seal. The remainder of the annulus was backfilled with a grout-bentonite slurry to 2 feet bgs followed by a 1-foot-thick bentonite seal. A permanent flush-mounted steel casing set in concrete was installed above the well. The well will be developed at a later date.
- Coastal advanced soil boring SB41 to a depth of about 25 feet bgs in the southeastern part of Sackett Place. Soil was recovered continuously in 5-foot intervals and was screened for odor, staining, and organic vapor using a PID. Manufactured gas plant (MGP) impacts, including a maximum PID reading of 45.9 parts per million (ppm), coal tar odor, staining, sheen, coated soil, and/or saturated soil was observed from about 14 to 15 feet bgs. The boring is anticipated to be advanced to 80 feet bgs the following work day.
 - Langan collected soil samples from within and below the GCM interval. See sampling section for details.

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Import and Export Tracking

- Kingdom exported two truckloads of C&D debris to Faztec Industries in Staten Island, NY.
- Kingdom imported six truckloads of 0.5-inch crushed stone from the Impact Environmental Facility in Jersey City, NJ.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	678
	Quantity (CY)	0	13,560
Bayshore Soil Management Keasbey, NJ Non-Hazardous MGP-Impacted Soil/Fill	No. Loads	0	79
	Quantity (CY)	0	1,580
Phase III Environmental Palmerton, PA Non-Hazardous Soil/Fill	No. Loads	0	42
	Quantity (CY)	0	880

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	27
		Quantity (CY)	0	570
Impact Environmental Jersey City, NJ 0.5-inch Crushed Stone	2,000	No. Loads	6	91
		Quantity (CY)	120	1,820
Impact Environmental Lyndhurst, NJ 0.75-inch Stone	4,000	No. Loads	0	12
		Quantity (CY)	0	240

Sampling

- Langan collected two soil samples (SB41_14-15 and SB41_18-19) for laboratory analysis. The samples were relinquished to Alpha Analytical Laboratories in Westborough, MA and placed on hold pending field observations on 2/17/2023.
- Langan collected one dewatering system effluent sample (DEW_11_021623). The sample will be analyzed for parameters listed in the SPDES Permit Equivalent by York Analytical Laboratories in Stratford, CT.

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).

Anticipated Activities

- Kingdom will continue to install SOE elements 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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- Kingdom will continue excavation for utilities at Society Brooklyn.
- Costal will continue to implement the GCM/NAPL Investigation Work Plan.

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Site Photographs:



Photo 1: Kingdom backfilling around cellar formwork in the southern part of Society Brooklyn (facing west)



Photo 2: Kingdom demolishing historical concrete foundation elements to install structural pile caps in the northwestern part of Sackett Place (facing south)

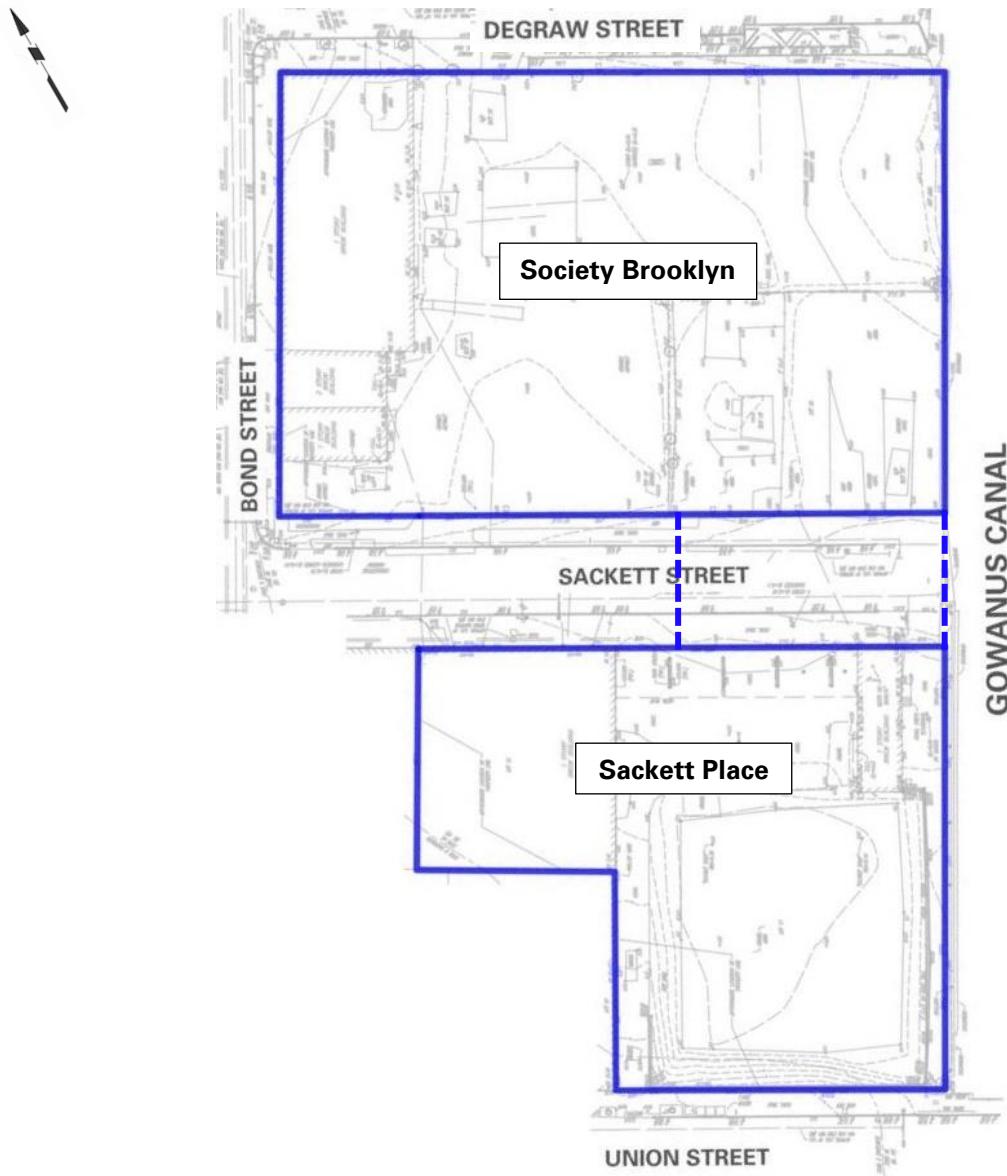
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Photo 3: Coastal advancing soil boring SB41 in the southeastern part of Sackett Place (facing southeast)

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Site Map 1:



Legend

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

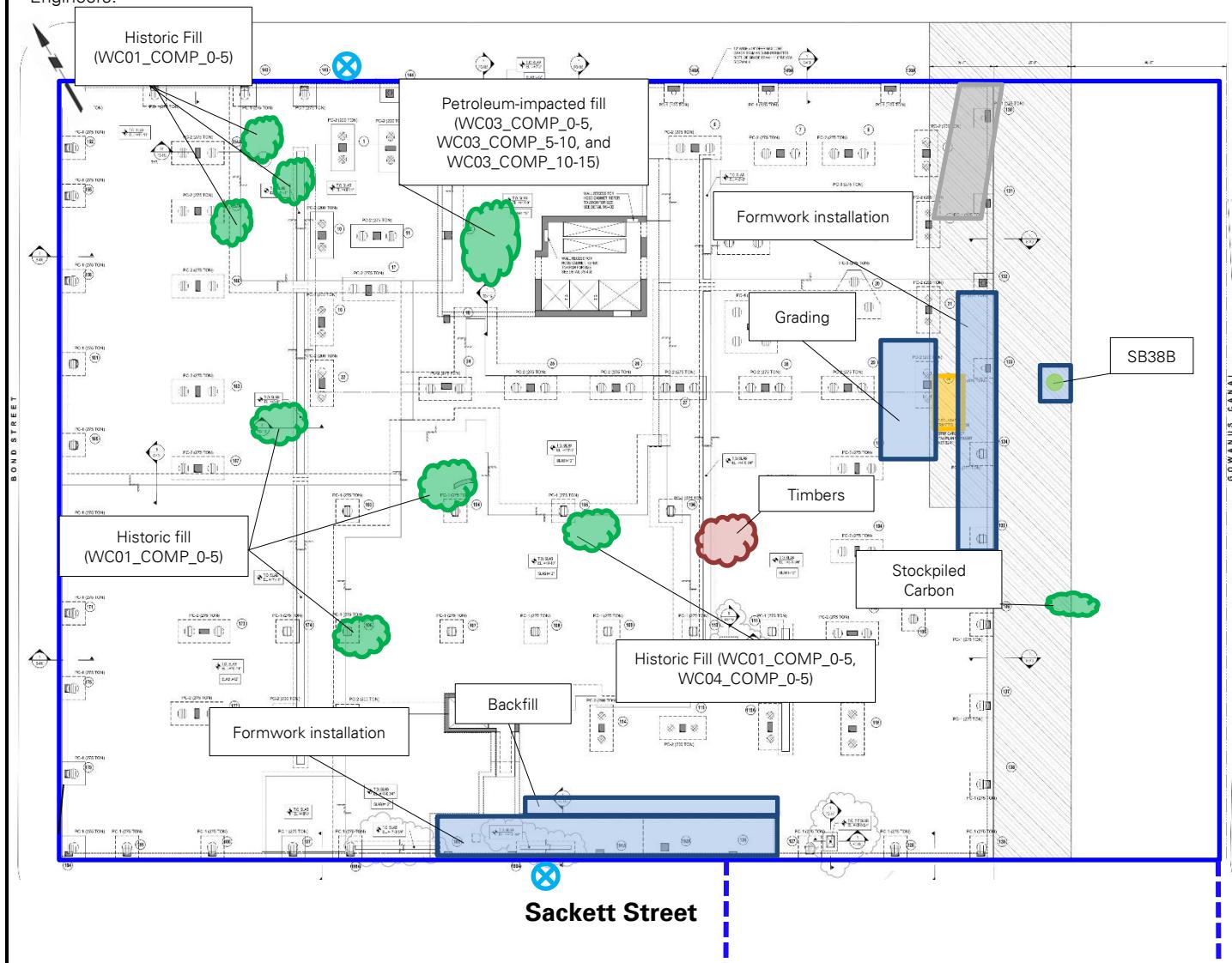
Notes

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:

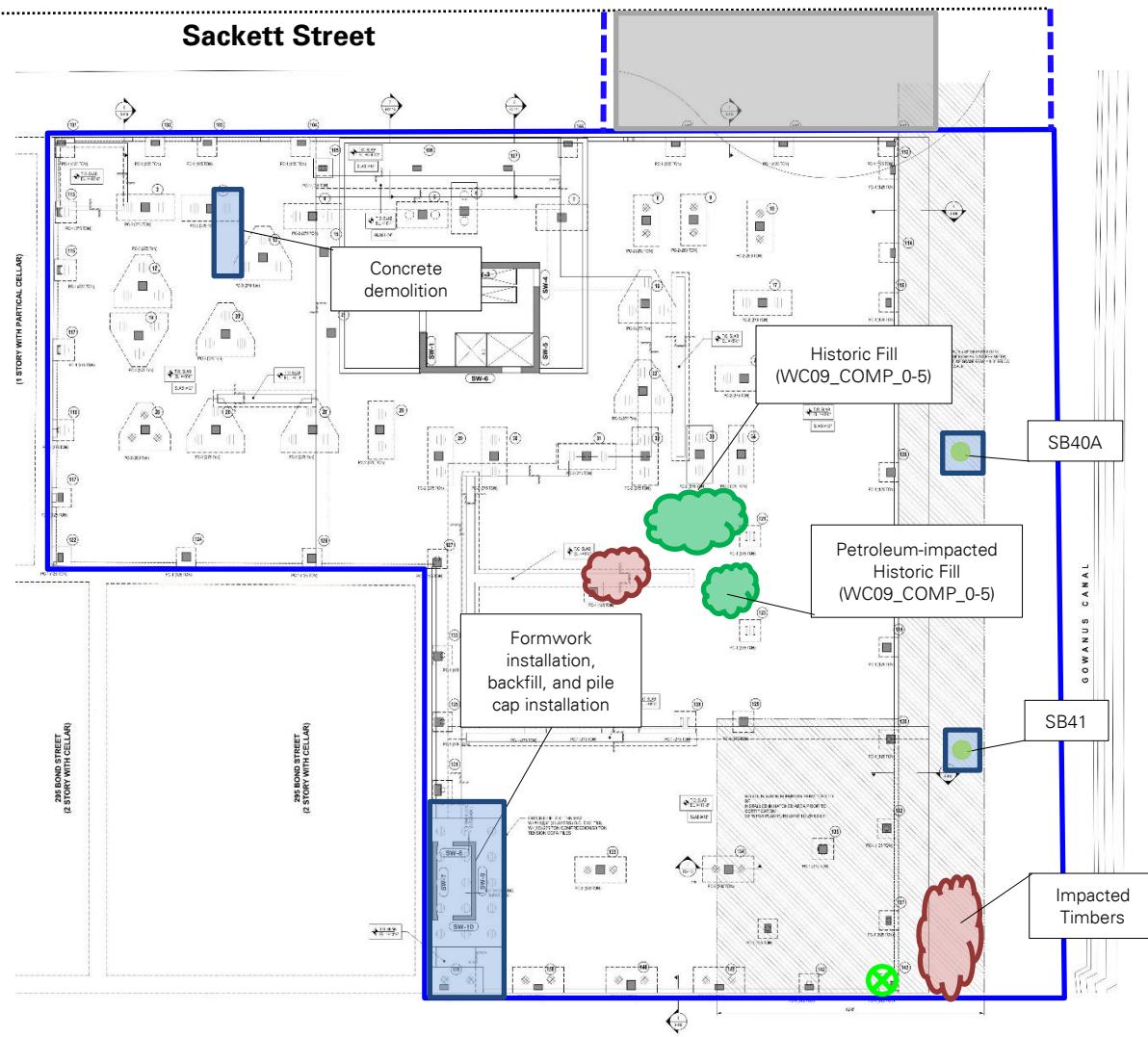
- | | | | |
|-------|--|---|--|
| — | Approximate site boundary | ● | Approximate soil/fill stockpile location |
| - - - | Approximate construction fence boundary | ● | Approximate C&D debris stockpile location |
| ● | Upwind air monitoring station | ■ | Approximate location of 20 cubic yard scrap metal container |
| ● | Downwind air monitoring station | ● | Approximate location of documentation sample collected today |
| ■ | Approximate work area | ● | Approximate soil boring location |
| ■ | Approximate stabilized construction entrance | | |

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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
- [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
- (Blue Circle) Approximate location of documentation sample collected today
- (Green Circle) Approximate soil boring location

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Langan, D.P.C.



DAILY AIR MONITORING REPORT

Gowanus Canal Northside

267 Bond Street, Brooklyn, New York

02/16/23

Project number: 170295301

Page 1 of 2

Rev. No. 0

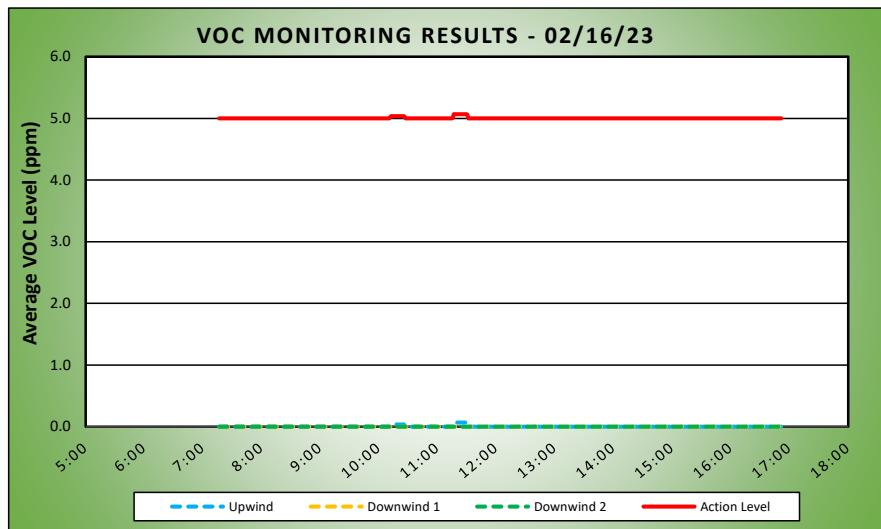
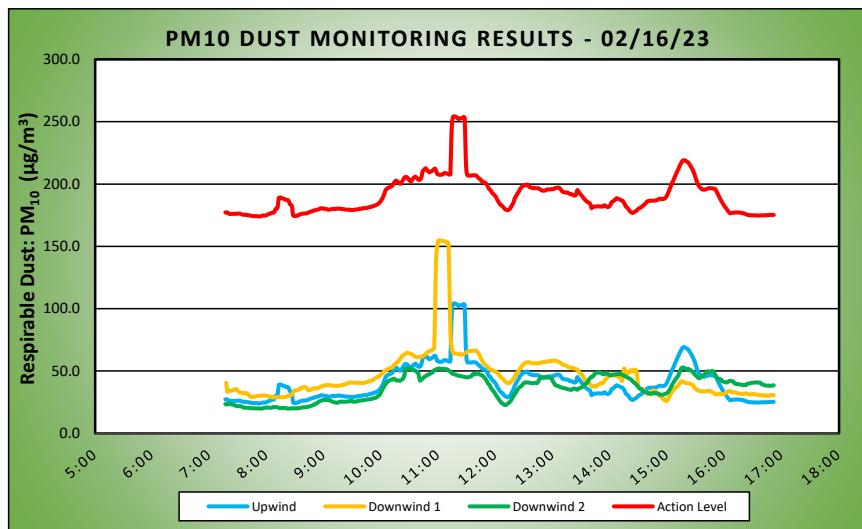
Submitted By:

Dust Action Level 150 µg/m³

TVOC Action Level 5 ppm

Weather Data Range for Work Day		Wind Direction	WSW	Relative Humidity (%)	38.0 - 85.0	Daily Rain (in)	0.33	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	54.0 - 70.0	Wind Speed (MPH)	0.7 - 2.8	Barometer (inHg)	30.00 - 30.00			

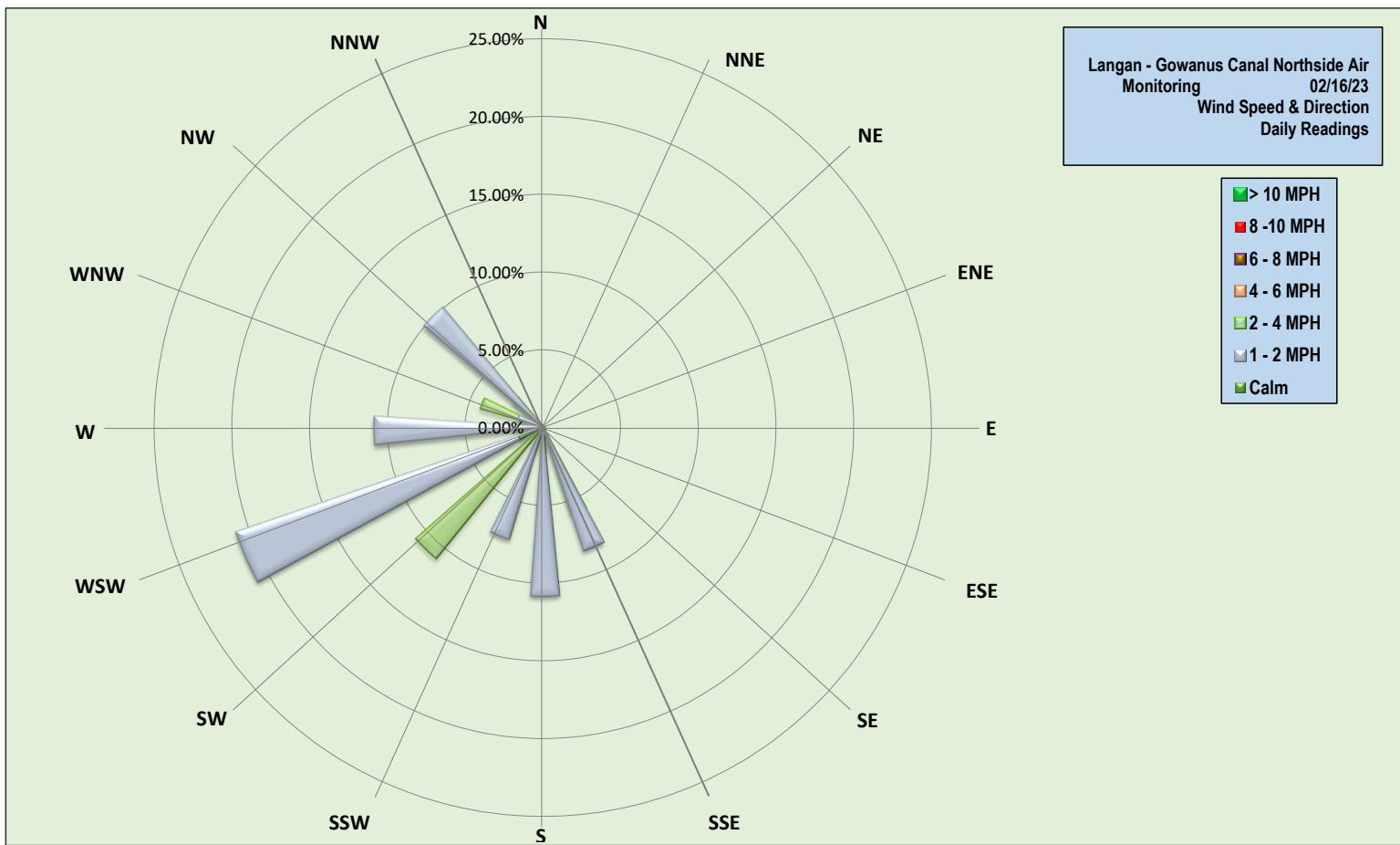
Station Location	Work Area	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15 Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Maximum 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
	Upwind	40.1	104.3	11:17	0.0	0.1	11:17
	Downwind 1	45.9	155.0	11:01	0.0	0.0	7:18
	Downwind 2	36.5	52.8	15:17	0.0	0.0	7:17



Air Monitoring Notes:

Sampling Notes:

Weather Notes:



Thursday, February 16, 2023									
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 = 0									
Number of Comparable Data Points = 576									
Start Time: 7:02									
End Time: 16:52									
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)	
7:03	29.0	-	7:03	0.0	-	7:03	23.8	-	-
7:04	26.8	-	7:04	139.5	-	7:04	24.0	-	-
7:05	38.3	-	7:05	23.8	-	7:05	23.5	-	-
7:06	33.5	-	7:06	23.0	-	7:06	24.3	-	-
7:07	25.5	-	7:07	32.5	-	7:07	25.0	-	-
7:08	26.3	-	7:08	28.8	-	7:08	22.3	-	-
7:09	25.3	-	7:09	28.8	-	7:09	23.5	-	-
7:10	25.0	-	7:10	29.0	-	7:10	22.8	-	-
7:11	25.5	-	7:11	29.5	-	7:11	24.0	-	-
7:12	26.0	-	7:12	36.5	-	7:12	28.8	-	-
7:13	26.3	-	7:13	45.3	-	7:13	24.5	-	-
7:14	26.0	-	7:14	33.5	-	7:14	22.3	-	-
7:15	25.3	-	7:15	47.8	-	7:15	22.0	-	-
7:16	25.0	-	7:16	43.8	-	7:16	21.3	-	-
7:17	25.3	27.3	7:17	34.3	-	7:17	21.3	23.5	-
7:18	27.5	27.2	7:18	31.8	40.5	7:18	21.0	23.4	-
7:19	28.8	27.3	7:19	33.3	33.4	7:19	21.0	23.2	-
7:20	27.5	26.6	7:20	31.8	34.0	7:20	28.3	23.5	-
7:21	26.0	26.1	7:21	29.8	34.4	7:21	27.0	23.7	-
7:22	25.5	26.1	7:22	29.5	34.2	7:22	21.8	23.4	-
7:23	25.3	26.0	7:23	28.3	34.2	7:23	21.0	23.4	-
7:24	26.0	26.1	7:24	29.8	34.2	7:24	21.0	23.2	-
7:25	26.0	26.1	7:25	35.5	34.7	7:25	21.3	23.1	-
7:26	25.5	26.1	7:26	33.5	34.9	7:26	21.0	22.9	-
7:27	26.0	26.1	7:27	43.8	35.4	7:27	21.3	22.4	-
7:28	26.3	26.1	7:28	42.5	35.2	7:28	20.5	22.1	-
7:29	26.0	26.1	7:29	36.3	35.4	7:29	20.0	22.0	-
7:30	27.5	26.3	7:30	30.3	34.3	7:30	20.3	21.9	-
7:31	25.3	26.3	7:31	29.8	33.3	7:31	20.8	21.8	-
7:32	25.0	26.3	7:32	29.5	33.0	7:32	20.3	21.8	-
7:33	24.0	26.0	7:33	29.0	32.8	7:33	20.3	21.7	-
7:34	24.0	25.7	7:34	29.0	32.5	7:34	20.8	21.7	-
7:35	24.0	25.5	7:35	29.0	32.4	7:35	20.0	21.1	-
7:36	24.0	25.4	7:36	29.0	32.3	7:36	20.8	20.7	-
7:37	25.0	25.3	7:37	28.0	32.2	7:37	20.0	20.6	-
7:38	25.0	25.3	7:38	29.0	32.3	7:38	20.5	20.6	-
7:39	25.0	25.2	7:39	28.3	32.2	7:39	21.0	20.6	-
7:40	24.0	25.1	7:40	28.3	31.7	7:40	20.3	20.5	-
7:41	24.5	25.0	7:41	29.0	31.4	7:41	19.3	20.4	-
7:42	23.3	24.9	7:42	29.0	30.4	7:42	20.0	20.3	-
7:43	24.0	24.7	7:43	29.5	29.5	7:43	19.8	20.3	-
7:44	24.3	24.6	7:44	30.0	29.1	7:44	20.0	20.3	-
7:45	24.8	24.4	7:45	31.0	29.2	7:45	20.0	20.2	-
7:46	24.0	24.3	7:46	31.3	29.3	7:46	19.3	20.1	-
7:47	24.0	24.3	7:47	31.0	29.4	7:47	20.0	20.1	-
7:48	24.0	24.3	7:48	31.3	29.5	7:48	20.0	20.1	-
7:49	24.0	24.3	7:49	31.3	29.7	7:49	20.0	20.1	-
7:50	23.5	24.2	7:50	31.0	29.8	7:50	20.0	20.1	-
7:51	23.0	24.2	7:51	31.8	30.0	7:51	20.0	20.0	-
7:52	23.0	24.0	7:52	31.5	30.2	7:52	20.0	20.0	-
7:53	24.8	24.0	7:53	28.8	30.2	7:53	20.0	20.0	-
7:54	25.8	24.1	7:54	28.8	30.2	7:54	20.0	19.9	-
7:55	28.8	24.4	7:55	29.0	30.3	7:55	20.3	19.9	-
7:56	28.8	24.7	7:56	29.8	30.3	7:56	21.5	20.1	-
7:57	24.8	24.8	7:57	30.0	30.4	7:57	23.3	20.3	-
7:58	23.5	24.7	7:58	29.3	30.4	7:58	23.8	20.5	-
7:59	24.3	24.7	7:59	29.0	30.3	7:59	21.5	20.6	-
8:00	28.0	24.9	8:00	29.0	30.2	8:00	21.0	20.7	-
8:01	28.8	25.3	8:01	29.0	30.0	8:01	20.0	20.8	-
8:02	31.5	25.8	8:02	28.3	29.8	8:02	19.3	20.7	-
8:03	28.8	26.1	8:03	27.3	29.6	8:03	19.0	20.6	-
8:04	27.3	26.3	8:04	28.3	29.4	8:04	18.8	20.6	-
8:05	30.0	26.7	8:05	29.5	29.3	8:05	20.0	20.6	-
8:06	26.8	27.0	8:06	28.8	29.1	8:06	21.3	20.6	-
8:07	23.5	27.0	8:07	28.0	28.8	8:07	25.8	21.0	-
8:08	28.0	27.2	8:08	29.0	28.9	8:08	21.3	21.1	-
8:09	48.8	28.8	8:09	29.8	28.9	8:09	20.5	21.1	-
8:10	49.8	30.2	8:10	30.3	29.0	8:10	20.0	21.1	-
8:11	29.0	30.2	8:11	30.0	29.0	8:11	19.3	21.0	-
8:12	51.8	32.0	8:12	30.0	29.0	8:12	19.0	20.7	-

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)
8:13	124.5	38.7	8:13	29.5	29.0	8:13	20.5	20.5
8:14	31.5	39.2	8:14	28.5	29.0	8:14	19.8	20.4
8:15	27.8	39.2	8:15	29.0	29.0	8:15	19.8	20.3
8:16	24.3	38.9	8:16	29.0	29.0	8:16	19.0	20.2
8:17	23.8	38.4	8:17	29.0	29.1	8:17	20.0	20.3
8:18	25.8	38.2	8:18	28.3	29.1	8:18	19.8	20.3
8:19	24.0	37.9	8:19	28.5	29.1	8:19	19.3	20.3
8:20	23.0	37.5	8:20	31.5	29.3	8:20	20.0	20.3
8:21	23.0	37.2	8:21	31.8	29.5	8:21	19.8	20.2
8:22	23.0	37.2	8:22	31.0	29.7	8:22	20.0	19.9
8:23	24.0	36.9	8:23	36.5	30.2	8:23	21.0	19.8
8:24	24.0	35.3	8:24	32.0	30.3	8:24	21.5	19.9
8:25	24.0	33.6	8:25	32.0	30.4	8:25	21.0	20.0
8:26	24.5	33.3	8:26	32.5	30.6	8:26	20.3	20.0
8:27	25.5	31.5	8:27	42.3	31.4	8:27	20.0	20.1
8:28	25.5	24.9	8:28	51.0	32.9	8:28	20.0	20.1
8:29	25.0	24.5	8:29	45.3	34.0	8:29	20.0	20.1
8:30	25.3	24.3	8:30	35.8	34.4	8:30	19.5	20.1
8:31	26.0	24.4	8:31	32.0	34.6	8:31	20.0	20.1
8:32	26.0	24.6	8:32	31.0	34.8	8:32	20.3	20.2
8:33	26.8	24.6	8:33	31.5	35.0	8:33	20.0	20.2
8:34	33.5	25.3	8:34	31.5	35.2	8:34	20.3	20.2
8:35	26.5	25.5	8:35	32.5	35.2	8:35	20.5	20.3
8:36	27.3	25.8	8:36	43.3	36.0	8:36	22.5	20.5
8:37	26.8	26.0	8:37	42.3	36.8	8:37	23.5	20.7
8:38	26.3	26.2	8:38	36.3	36.7	8:38	23.0	20.8
8:39	26.8	26.4	8:39	34.3	36.9	8:39	22.8	20.9
8:40	25.0	26.4	8:40	35.3	37.1	8:40	21.3	20.9
8:41	24.0	26.4	8:41	33.3	37.2	8:41	21.0	21.0
8:42	25.8	26.4	8:42	34.0	36.6	8:42	22.0	21.1
8:43	30.3	26.7	8:43	34.0	35.5	8:43	22.0	21.2
8:44	28.3	27.0	8:44	34.0	34.7	8:44	22.5	21.4
8:45	33.3	27.5	8:45	34.8	34.7	8:45	23.0	21.6
8:46	29.5	27.7	8:46	36.0	34.9	8:46	23.0	21.8
8:47	29.0	27.9	8:47	35.8	35.2	8:47	24.0	22.1
8:48	31.5	28.2	8:48	36.0	35.5	8:48	24.0	22.4
8:49	37.3	28.5	8:49	37.3	35.9	8:49	24.8	22.7
8:50	31.3	28.8	8:50	38.3	36.3	8:50	26.8	23.1
8:51	29.5	29.0	8:51	39.3	36.0	8:51	29.0	23.5
8:52	30.0	29.2	8:52	39.8	35.9	8:52	28.5	23.8
8:53	29.3	29.4	8:53	40.0	36.1	8:53	28.0	24.2
8:54	29.0	29.5	8:54	39.0	36.4	8:54	31.3	24.7
8:55	29.0	29.8	8:55	38.3	36.6	8:55	30.5	25.4
8:56	29.8	30.2	8:56	39.0	37.0	8:56	27.0	25.8
8:57	30.5	30.5	8:57	38.8	37.3	8:57	26.5	26.1
8:58	29.8	30.5	8:58	39.5	37.7	8:58	26.8	26.4
8:59	29.0	30.5	8:59	39.8	38.1	8:59	25.8	26.6
9:00	28.5	30.2	9:00	38.5	38.3	9:00	25.0	26.7
9:01	29.0	30.2	9:01	37.0	38.4	9:01	24.3	26.8
9:02	29.0	30.2	9:02	37.0	38.5	9:02	25.0	26.9
9:03	29.0	30.0	9:03	38.0	38.6	9:03	24.3	26.9
9:04	30.8	29.6	9:04	38.5	38.7	9:04	24.0	26.8
9:05	30.0	29.5	9:05	40.0	38.8	9:05	25.0	26.7
9:06	30.3	29.5	9:06	37.3	38.7	9:06	25.0	26.5
9:07	30.8	29.6	9:07	36.5	38.5	9:07	25.0	26.2
9:08	30.8	29.7	9:08	38.5	38.4	9:08	25.0	26.0
9:09	33.5	30.0	9:09	38.8	38.4	9:09	24.8	25.6
9:10	31.0	30.1	9:10	37.5	38.3	9:10	24.5	25.2
9:11	29.0	30.1	9:11	38.5	38.3	9:11	24.0	25.0
9:12	28.5	29.9	9:12	39.3	38.3	9:12	24.0	24.8
9:13	32.3	30.1	9:13	39.0	38.3	9:13	24.3	24.7
9:14	30.8	30.2	9:14	38.3	38.2	9:14	25.0	24.6
9:15	29.8	30.3	9:15	38.5	38.2	9:15	24.8	24.6
9:16	29.0	30.3	9:16	38.5	38.3	9:16	31.3	25.1
9:17	28.0	30.2	9:17	38.3	38.4	9:17	29.5	25.4
9:18	27.3	30.1	9:18	39.8	38.5	9:18	24.8	25.4
9:19	29.3	30.0	9:19	41.0	38.6	9:19	24.3	25.4
9:20	29.5	30.0	9:20	41.0	38.7	9:20	25.3	25.4
9:21	28.3	29.8	9:21	40.5	38.9	9:21	24.8	25.4
9:22	28.0	29.7	9:22	41.0	39.2	9:22	24.5	25.4
9:23	29.0	29.5	9:23	42.0	39.5	9:23	25.8	25.4
9:24	32.3	29.5	9:24	43.0	39.7	9:24	25.8	25.5
9:25	30.0	29.4	9:25	44.3	40.2	9:25	25.0	25.5
9:26	29.5	29.4	9:26	43.0	40.5	9:26	26.0	25.7
9:27	28.5	29.4	9:27	41.8	40.7	9:27	26.0	25.8
9:28	29.3	29.2	9:28	40.5	40.8	9:28	26.0	25.9

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)
9:29	28.8	29.1	9:29	39.8	40.9	9:29	25.5	25.9
9:30	30.5	29.1	9:30	37.3	40.8	9:30	25.0	26.0
9:31	29.0	29.1	9:31	37.5	40.7	9:31	25.0	25.5
9:32	29.5	29.2	9:32	38.5	40.7	9:32	26.0	25.3
9:33	31.0	29.5	9:33	38.3	40.6	9:33	26.5	25.4
9:34	30.5	29.6	9:34	40.3	40.6	9:34	27.3	25.6
9:35	29.8	29.6	9:35	41.8	40.6	9:35	27.0	25.7
9:36	30.5	29.7	9:36	40.0	40.6	9:36	27.0	25.9
9:37	31.0	29.9	9:37	40.3	40.5	9:37	27.5	26.1
9:38	31.5	30.1	9:38	41.3	40.5	9:38	28.0	26.2
9:39	32.3	30.1	9:39	42.8	40.5	9:39	27.5	26.4
9:40	32.5	30.3	9:40	43.0	40.4	9:40	27.0	26.5
9:41	32.3	30.5	9:41	43.0	40.4	9:41	27.0	26.6
9:42	31.5	30.7	9:42	42.8	40.5	9:42	27.5	26.7
9:43	30.3	30.7	9:43	42.8	40.6	9:43	27.8	26.8
9:44	28.3	30.7	9:44	42.0	40.8	9:44	27.0	26.9
9:45	30.5	30.7	9:45	42.0	41.1	9:45	27.8	27.1
9:46	32.0	30.9	9:46	42.0	41.4	9:46	27.3	27.2
9:47	36.3	31.3	9:47	42.0	41.6	9:47	27.0	27.3
9:48	32.8	31.5	9:48	43.3	41.9	9:48	28.3	27.4
9:49	31.3	31.5	9:49	43.0	42.1	9:49	28.5	27.5
9:50	33.0	31.7	9:50	43.0	42.2	9:50	29.0	27.6
9:51	35.8	32.1	9:51	43.5	42.4	9:51	30.3	27.8
9:52	34.5	32.3	9:52	46.8	42.9	9:52	31.3	28.1
9:53	34.3	32.5	9:53	50.5	43.5	9:53	30.3	28.2
9:54	36.5	32.8	9:54	50.8	44.0	9:54	30.0	28.4
9:55	37.8	33.1	9:55	51.5	44.6	9:55	31.0	28.7
9:56	38.3	33.5	9:56	50.5	45.1	9:56	35.0	29.2
9:57	38.8	34.0	9:57	49.3	45.5	9:57	40.8	30.1
9:58	37.8	34.5	9:58	48.0	45.9	9:58	33.3	30.4
9:59	42.0	35.4	9:59	48.8	46.3	9:59	38.0	31.2
10:00	45.8	36.4	10:00	52.3	47.0	10:00	49.3	32.6
10:01	49.3	37.6	10:01	53.5	47.8	10:01	51.0	34.2
10:02	57.8	39.0	10:02	52.5	48.5	10:02	50.3	35.7
10:03	58.3	40.7	10:03	53.0	49.1	10:03	48.0	37.1
10:04	63.5	42.9	10:04	53.3	49.8	10:04	49.3	38.4
10:05	65.3	45.0	10:05	53.3	50.5	10:05	47.0	39.6
10:06	49.8	46.0	10:06	51.8	51.0	10:06	41.8	40.4
10:07	42.5	46.5	10:07	52.5	51.4	10:07	45.0	41.3
10:08	42.3	47.0	10:08	54.3	51.7	10:08	39.3	41.9
10:09	42.0	47.4	10:09	57.0	52.1	10:09	37.3	42.4
10:10	42.8	47.7	10:10	55.0	52.3	10:10	38.0	42.9
10:11	44.0	48.1	10:11	55.0	52.6	10:11	38.0	43.1
10:12	46.0	48.6	10:12	55.0	53.0	10:12	40.0	43.0
10:13	54.3	49.7	10:13	58.5	53.7	10:13	42.5	43.6
10:14	65.3	51.2	10:14	64.8	54.8	10:14	41.5	43.9
10:15	55.3	51.9	10:15	65.0	55.6	10:15	39.0	43.2
10:16	62.3	52.7	10:16	63.8	56.3	10:16	41.0	42.5
10:17	48.3	52.1	10:17	62.3	57.0	10:17	48.5	42.4
10:18	51.5	51.7	10:18	65.0	57.8	10:18	50.8	42.6
10:19	53.0	51.0	10:19	65.8	58.6	10:19	45.5	42.3
10:20	54.5	50.2	10:20	66.8	59.5	10:20	46.0	42.3
10:21	54.0	50.5	10:21	67.3	60.5	10:21	47.5	42.7
10:22	56.3	51.4	10:22	69.0	61.6	10:22	50.0	43.0
10:23	62.3	52.8	10:23	66.3	62.4	10:23	51.8	43.8
10:24	63.5	54.2	10:24	62.8	62.8	10:24	50.0	44.7
10:25	58.8	55.3	10:25	62.0	63.3	10:25	83.8	47.7
10:26	49.5	55.6	10:26	62.8	63.8	10:26	96.8	51.6
10:27	45.3	55.6	10:27	64.0	64.4	10:27	45.3	52.0
10:28	45.8	55.0	10:28	62.8	64.7	10:28	40.5	51.9
10:29	47.3	53.8	10:29	61.8	64.5	10:29	40.5	51.8
10:30	47.3	53.3	10:30	60.5	64.2	10:30	40.5	51.9
10:31	47.8	52.3	10:31	59.0	63.9	10:31	41.3	51.9
10:32	48.3	52.3	10:32	59.3	63.7	10:32	42.0	51.5
10:33	66.8	53.3	10:33	59.0	63.3	10:33	43.0	51.0
10:34	72.8	54.7	10:34	58.5	62.8	10:34	44.0	50.9
10:35	62.5	55.2	10:35	57.5	62.2	10:35	43.5	50.7
10:36	65.3	55.9	10:36	57.0	61.5	10:36	43.8	50.4
10:37	50.0	55.5	10:37	63.0	61.1	10:37	42.0	49.9
10:38	49.5	54.7	10:38	65.8	61.0	10:38	43.0	49.3
10:39	49.3	53.7	10:39	65.5	61.2	10:39	44.0	48.9
10:40	53.0	53.3	10:40	64.0	61.4	10:40	38.8	45.9
10:41	51.8	53.5	10:41	63.3	61.4	10:41	43.5	42.4
10:42	57.5	54.3	10:42	64.5	61.4	10:42	50.3	42.7
10:43	85.3	56.9	10:43	65.8	61.6	10:43	50.3	43.4
10:44	97.8	60.3	10:44	66.3	61.9	10:44	49.5	44.0

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)
10:45	60.0	61.2	10:45	67.8	62.4	10:45	53.3	44.8
10:46	58.8	61.9	10:46	69.0	63.1	10:46	51.0	45.5
10:47	59.0	62.6	10:47	68.5	63.7	10:47	48.8	45.9
10:48	55.8	61.9	10:48	68.8	64.3	10:48	51.3	46.5
10:49	54.3	60.6	10:49	66.8	64.9	10:49	50.8	46.9
10:50	55.0	60.1	10:50	65.8	65.4	10:50	48.3	47.2
10:51	54.3	59.4	10:51	66.0	66.0	10:51	48.0	47.5
10:52	56.3	59.8	10:52	68.0	66.4	10:52	49.5	48.0
10:53	54.5	60.2	10:53	68.3	66.5	10:53	49.3	48.4
10:54	57.8	60.7	10:54	70.3	66.9	10:54	49.0	48.8
10:55	61.8	61.3	10:55	74.5	67.6	10:55	52.5	49.7
10:56	62.3	62.0	10:56	72.8	68.2	10:56	57.5	50.6
10:57	62.3	62.3	10:57	571.8	102.0	10:57	56.3	51.0
10:58	61.3	60.7	10:58	633.5	139.9	10:58	54.8	51.3
10:59	60.8	58.3	10:59	210.5	149.5	10:59	55.8	51.7
11:00	54.8	57.9	11:00	127.3	153.4	11:00	56.8	52.0
11:01	53.5	57.6	11:01	92.8	155.0	11:01	51.3	52.0
11:02	55.3	57.3	11:02	67.3	154.9	11:02	47.0	51.9
11:03	57.5	57.4	11:03	64.3	154.6	11:03	48.5	51.7
11:04	56.3	57.6	11:04	64.0	154.5	11:04	49.0	51.6
11:05	58.0	57.8	11:05	64.0	154.3	11:05	49.8	51.7
11:06	66.0	58.5	11:06	64.8	154.3	11:06	48.5	51.7
11:07	59.3	58.7	11:07	64.8	154.0	11:07	48.8	51.6
11:08	54.3	58.7	11:08	65.5	153.9	11:08	47.8	51.5
11:09	54.3	58.5	11:09	65.3	153.5	11:09	47.3	51.4
11:10	56.3	58.1	11:10	64.0	152.8	11:10	47.3	51.1
11:11	57.0	57.8	11:11	64.8	152.3	11:11	48.5	50.5
11:12	59.5	57.6	11:12	63.5	118.4	11:12	47.5	49.9
11:13	64.0	57.8	11:13	63.0	80.4	11:13	46.8	49.4
11:14	512.5	87.9	11:14	63.5	70.6	11:14	45.5	48.7
11:15	255.3	101.3	11:15	63.0	66.3	11:15	45.8	47.9
11:16	96.0	104.1	11:16	63.0	64.3	11:16	45.8	47.6
11:17	58.8	104.3	11:17	63.3	64.0	11:17	46.3	47.5
11:18	52.5	104.0	11:18	65.0	64.1	11:18	44.3	47.2
11:19	54.0	103.8	11:19	62.8	64.0	11:19	44.3	46.9
11:20	49.8	103.3	11:20	62.0	63.9	11:20	44.8	46.6
11:21	51.8	102.3	11:21	62.8	63.7	11:21	44.5	46.3
11:22	57.8	102.2	11:22	63.0	63.6	11:22	45.8	46.1
11:23	61.0	102.7	11:23	62.8	63.4	11:23	46.3	46.0
11:24	55.5	102.8	11:24	62.3	63.2	11:24	46.3	46.0
11:25	57.5	102.9	11:25	63.8	63.2	11:25	44.0	45.7
11:26	65.0	103.4	11:26	64.3	63.2	11:26	45.8	45.6
11:27	64.0	103.7	11:27	68.5	63.5	11:27	45.8	45.4
11:28	55.8	103.1	11:28	70.5	64.0	11:28	44.0	45.3
11:29	51.8	72.4	11:29	71.3	64.5	11:29	43.3	45.1
11:30	56.5	59.2	11:30	72.0	65.1	11:30	42.8	44.9
11:31	63.3	57.0	11:31	70.8	65.7	11:31	46.0	44.9
11:32	55.5	56.8	11:32	67.5	65.9	11:32	48.5	45.1
11:33	54.0	56.9	11:33	66.0	66.0	11:33	48.3	45.3
11:34	51.8	56.7	11:34	64.5	66.1	11:34	47.5	45.6
11:35	51.5	56.8	11:35	62.8	66.2	11:35	51.8	46.0
11:36	54.5	57.0	11:36	63.0	66.2	11:36	55.3	46.7
11:37	56.8	57.0	11:37	64.3	66.3	11:37	60.0	47.7
11:38	62.0	57.0	11:38	64.5	66.4	11:38	44.0	47.5
11:39	55.3	57.0	11:39	63.3	66.5	11:39	44.0	47.4
11:40	52.8	56.7	11:40	58.3	66.1	11:40	54.5	48.1
11:41	55.3	56.0	11:41	57.5	65.6	11:41	49.3	48.3
11:42	51.3	55.2	11:42	54.0	64.7	11:42	39.8	47.9
11:43	46.3	54.6	11:43	51.0	63.4	11:43	38.3	47.5
11:44	43.5	54.0	11:44	48.3	61.8	11:44	37.5	47.2
11:45	43.0	53.1	11:45	47.5	60.2	11:45	38.3	46.9
11:46	47.8	52.1	11:46	47.3	58.6	11:46	44.3	46.7
11:47	53.0	51.9	11:47	46.8	57.3	11:47	37.5	46.0
11:48	46.5	51.4	11:48	48.0	56.1	11:48	36.0	45.2
11:49	47.0	51.1	11:49	54.8	55.4	11:49	37.0	44.5
11:50	43.8	50.6	11:50	54.3	54.8	11:50	35.0	43.4
11:51	41.0	49.7	11:51	53.3	54.2	11:51	39.3	42.3
11:52	37.0	48.4	11:52	52.8	53.4	11:52	34.3	40.6
11:53	36.5	46.7	11:53	50.3	52.5	11:53	28.8	39.6
11:54	42.3	45.8	11:54	51.5	51.7	11:54	34.0	38.9
11:55	40.8	45.0	11:55	53.0	51.3	11:55	29.8	37.3
11:56	37.0	43.8	11:56	51.3	50.9	11:56	27.5	35.8
11:57	35.5	42.7	11:57	49.3	50.6	11:57	25.0	34.8
11:58	35.5	42.0	11:58	45.0	50.2	11:58	25.0	33.9
11:59	32.3	41.3	11:59	45.5	50.0	11:59	22.5	32.9
12:00	29.8	40.4	12:00	42.8	49.7	12:00	22.0	31.9

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)
12:01	31.5	39.3	12:01	40.0	49.2	12:01	21.3	30.3
12:02	26.8	37.5	12:02	41.3	48.9	12:02	20.8	29.2
12:03	26.8	36.2	12:03	38.3	48.2	12:03	20.3	28.2
12:04	27.3	34.9	12:04	37.3	47.0	12:04	20.8	27.1
12:05	28.0	33.9	12:05	37.8	45.9	12:05	20.5	26.1
12:06	28.8	33.0	12:06	38.8	45.0	12:06	22.0	25.0
12:07	29.3	32.5	12:07	41.4	44.2	12:07	23.0	24.2
12:08	27.3	31.9	12:08	42.0	43.7	12:08	23.3	23.8
12:09	26.8	30.9	12:09	40.4	42.9	12:09	24.0	23.2
12:10	27.3	30.0	12:10	40.0	42.1	12:10	23.8	22.8
12:11	30.3	29.5	12:11	39.8	41.3	12:11	26.3	22.7
12:12	31.0	29.2	12:12	40.0	40.7	12:12	33.3	23.2
12:13	32.0	29.0	12:13	41.4	40.4	12:13	33.3	23.8
12:14	36.5	29.3	12:14	43.4	40.3	12:14	32.8	24.5
12:15	40.0	30.0	12:15	46.6	40.6	12:15	31.3	25.1
12:16	43.5	30.8	12:16	49.6	41.2	12:16	32.8	25.9
12:17	49.5	32.3	12:17	51.0	41.8	12:17	38.3	27.0
12:18	46.3	33.6	12:18	51.0	42.7	12:18	42.8	28.5
12:19	47.8	34.9	12:19	52.6	43.7	12:19	39.5	29.8
12:20	66.3	37.5	12:20	55.8	44.9	12:20	38.3	31.0
12:21	54.8	39.2	12:21	58.2	46.2	12:21	39.5	32.1
12:22	47.5	40.4	12:22	59.0	47.4	12:22	40.0	33.3
12:23	49.0	41.9	12:23	60.0	48.6	12:23	43.8	34.6
12:24	44.5	43.1	12:24	57.0	49.7	12:24	40.8	35.7
12:25	46.8	44.4	12:25	56.2	50.8	12:25	37.0	36.6
12:26	53.3	45.9	12:26	56.6	51.9	12:26	37.3	37.4
12:27	45.3	46.9	12:27	56.8	53.0	12:27	38.8	37.7
12:28	46.0	47.8	12:28	57.6	54.1	12:28	45.0	38.5
12:29	45.5	48.4	12:29	56.8	55.0	12:29	48.0	39.5
12:30	44.3	48.7	12:30	56.2	55.6	12:30	42.3	40.3
12:31	48.8	49.0	12:31	56.4	56.1	12:31	40.5	40.8
12:32	52.3	49.2	12:32	56.6	56.5	12:32	41.5	41.0
12:33	50.5	49.5	12:33	56.2	56.8	12:33	39.5	40.8
12:34	49.3	49.6	12:34	56.2	57.0	12:34	39.5	40.8
12:35	46.5	48.3	12:35	56.2	57.1	12:35	37.3	40.7
12:36	45.0	47.6	12:36	55.4	56.9	12:36	38.0	40.6
12:37	44.3	47.4	12:37	54.6	56.6	12:37	38.8	40.5
12:38	43.0	47.0	12:38	55.6	56.3	12:38	38.8	40.2
12:39	43.0	46.9	12:39	56.0	56.2	12:39	39.3	40.1
12:40	47.5	47.0	12:40	56.2	56.2	12:40	39.3	40.2
12:41	47.3	46.6	12:41	56.8	56.2	12:41	40.3	40.4
12:42	47.0	46.7	12:42	56.6	56.2	12:42	40.3	40.5
12:43	45.5	46.6	12:43	57.2	56.2	12:43	42.8	40.4
12:44	45.5	46.6	12:44	57.0	56.2	12:44	47.3	40.3
12:45	43.5	46.6	12:45	57.2	56.3	12:45	58.3	41.4
12:46	43.8	46.3	12:46	57.6	56.4	12:46	65.5	43.1
12:47	44.3	45.7	12:47	59.4	56.5	12:47	54.8	44.0
12:48	43.8	45.3	12:48	59.4	56.8	12:48	54.3	44.9
12:49	42.3	44.8	12:49	59.2	57.0	12:49	39.5	44.9
12:50	44.3	44.7	12:50	59.6	57.2	12:50	38.5	45.0
12:51	44.8	44.6	12:51	56.8	57.3	12:51	38.8	45.1
12:52	46.8	44.8	12:52	55.6	57.3	12:52	37.5	45.0
12:53	45.5	45.0	12:53	56.0	57.4	12:53	37.5	44.9
12:54	52.3	45.6	12:54	57.0	57.4	12:54	38.3	44.8
12:55	48.0	45.6	12:55	62.0	57.8	12:55	39.5	44.9
12:56	48.0	45.7	12:56	58.2	57.9	12:56	39.0	44.8
12:57	47.8	45.7	12:57	56.4	57.9	12:57	39.5	44.7
12:58	45.0	45.7	12:58	56.4	57.9	12:58	39.5	44.5
12:59	47.5	45.8	12:59	58.8	58.0	12:59	39.3	44.0
13:00	44.8	45.9	13:00	61.4	58.3	13:00	40.0	42.8
13:01	44.5	46.0	13:01	60.6	58.5	13:01	39.3	41.0
13:02	49.8	46.3	13:02	59.6	58.5	13:02	37.8	39.9
13:03	50.5	46.8	13:03	57.4	58.3	13:03	36.3	38.7
13:04	44.3	46.9	13:04	54.8	58.0	13:04	35.5	38.4
13:05	45.8	47.0	13:05	53.8	57.7	13:05	36.0	38.2
13:06	47.3	47.2	13:06	53.0	57.4	13:06	34.3	37.9
13:07	42.8	46.9	13:07	52.2	57.2	13:07	32.3	37.6
13:08	37.5	46.4	13:08	49.8	56.8	13:08	32.0	37.2
13:09	35.3	45.2	13:09	49.4	56.3	13:09	32.8	36.9
13:10	34.3	44.3	13:10	50.4	55.5	13:10	36.8	36.7
13:11	39.3	43.7	13:11	50.8	55.0	13:11	37.0	36.5
13:12	43.0	43.4	13:12	53.2	54.8	13:12	35.5	36.3
13:13	43.8	43.3	13:13	55.2	54.7	13:13	36.8	36.1
13:14	45.3	43.2	13:14	56.2	54.5	13:14	37.8	36.0
13:15	43.8	43.1	13:15	54.0	54.0	13:15	36.0	35.7
13:16	44.0	43.1	13:16	53.0	53.5	13:16	35.3	35.5

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)
13:17	42.5	42.6	13:17	53.2	53.1	13:17	35.0	35.3
13:18	43.0	42.1	13:18	54.0	52.9	13:18	34.0	35.1
13:19	42.8	42.0	13:19	54.2	52.8	13:19	34.0	35.0
13:20	43.0	41.8	13:20	52.8	52.8	13:20	33.8	34.9
13:21	40.8	41.4	13:21	50.2	52.6	13:21	41.8	35.4
13:22	37.3	41.0	13:22	47.6	52.3	13:22	39.5	35.9
13:23	35.5	40.9	13:23	46.2	52.0	13:23	31.8	35.8
13:24	34.5	40.8	13:24	45.4	51.8	13:24	31.3	35.7
13:25	53.5	42.1	13:25	45.2	51.4	13:25	32.0	35.4
13:26	84.3	45.1	13:26	45.4	51.1	13:26	30.0	35.0
13:27	29.0	44.2	13:27	40.8	50.2	13:27	44.6	35.6
13:28	29.8	43.3	13:28	38.5	49.1	13:28	43.8	36.0
13:29	30.0	42.2	13:29	40.8	48.1	13:29	42.4	36.3
13:30	30.0	41.3	13:30	48.0	47.7	13:30	42.0	36.7
13:31	28.5	40.3	13:31	39.8	46.8	13:31	41.8	37.2
13:32	28.0	39.3	13:32	35.5	45.6	13:32	41.6	37.6
13:33	28.8	38.4	13:33	32.5	44.2	13:33	43.8	38.3
13:34	30.5	37.6	13:34	37.8	43.1	13:34	45.2	39.0
13:35	29.8	36.7	13:35	41.8	42.4	13:35	47.4	39.9
13:36	29.5	35.9	13:36	37.5	41.5	13:36	49.2	40.4
13:37	30.3	35.5	13:37	40.0	41.0	13:37	53.0	41.3
13:38	29.0	35.0	13:38	40.8	40.6	13:38	55.0	42.9
13:39	29.0	34.7	13:39	33.3	39.8	13:39	46.0	43.9
13:40	31.5	33.2	13:40	30.3	38.8	13:40	44.2	44.7
13:41	46.3	30.7	13:41	31.8	37.9	13:41	43.2	45.5
13:42	41.8	31.5	13:42	38.3	37.8	13:42	43.4	45.5
13:43	33.8	31.8	13:43	41.3	37.9	13:43	53.6	46.1
13:44	30.3	31.8	13:44	40.3	37.9	13:44	61.8	47.4
13:45	32.3	31.9	13:45	40.5	37.4	13:45	51.0	48.0
13:46	29.5	32.0	13:46	44.5	37.7	13:46	47.4	48.4
13:47	29.8	32.1	13:47	48.0	38.6	13:47	45.8	48.7
13:48	28.5	32.1	13:48	41.5	39.2	13:48	45.6	48.8
13:49	29.0	32.0	13:49	41.8	39.4	13:49	45.6	48.8
13:50	29.8	32.0	13:50	49.3	39.9	13:50	45.0	48.7
13:51	29.5	32.0	13:51	44.0	40.4	13:51	44.6	48.3
13:52	28.0	31.9	13:52	39.3	40.3	13:52	46.2	47.9
13:53	32.3	32.1	13:53	41.8	40.4	13:53	47.2	47.4
13:54	39.3	32.8	13:54	50.8	41.5	13:54	48.0	47.5
13:55	33.8	32.9	13:55	46.8	42.6	13:55	47.4	47.7
13:56	34.8	32.1	13:56	44.3	43.5	13:56	47.4	48.0
13:57	35.8	31.7	13:57	53.0	44.5	13:57	46.2	48.2
13:58	30.0	31.5	13:58	50.8	45.1	13:58	48.2	47.8
13:59	35.5	31.8	13:59	49.3	45.7	13:59	49.0	47.0
14:00	42.3	32.5	14:00	55.5	46.7	14:00	46.8	46.7
14:01	46.5	33.6	14:01	52.0	47.2	14:01	46.0	46.6
14:02	56.8	35.4	14:02	47.0	47.1	14:02	47.5	46.7
14:03	34.3	35.8	14:03	46.3	47.4	14:03	47.8	46.9
14:04	36.5	36.3	14:04	40.0	47.3	14:04	48.5	47.1
14:05	39.5	37.0	14:05	39.0	46.6	14:05	47.5	47.2
14:06	42.0	37.8	14:06	37.3	46.2	14:06	45.8	47.3
14:07	38.5	38.5	14:07	37.8	46.1	14:07	46.8	47.3
14:08	31.8	38.5	14:08	39.0	45.9	14:08	48.3	47.4
14:09	32.8	38.0	14:09	42.5	45.4	14:09	51.8	47.7
14:10	30.0	37.8	14:10	40.8	45.0	14:10	49.0	47.8
14:11	29.0	37.4	14:11	35.0	44.3	14:11	45.5	47.6
14:12	28.5	36.9	14:12	36.0	43.2	14:12	42.8	47.4
14:13	27.8	36.8	14:13	34.5	42.1	14:13	43.0	47.1
14:14	25.5	36.1	14:14	114.5	46.5	14:14	42.3	46.6
14:15	24.3	34.9	14:15	137.3	51.9	14:15	41.0	46.2
14:16	26.8	33.6	14:16	37.0	50.9	14:16	42.8	46.0
14:17	31.5	31.9	14:17	32.3	49.9	14:17	41.3	45.6
14:18	25.8	31.3	14:18	31.0	48.9	14:18	40.5	45.1
14:19	26.3	30.7	14:19	33.3	48.5	14:19	41.8	44.7
14:20	23.5	29.6	14:20	39.0	48.5	14:20	40.5	44.2
14:21	24.8	28.4	14:21	57.0	49.8	14:21	41.0	43.9
14:22	25.8	27.6	14:22	50.5	50.6	14:22	39.5	43.4
14:23	25.5	27.2	14:23	31.8	50.2	14:23	38.3	42.7
14:24	27.0	26.8	14:24	32.5	49.5	14:24	38.5	41.8
14:25	34.8	27.1	14:25	60.5	50.8	14:25	37.3	41.1
14:26	35.5	27.5	14:26	38.5	51.0	14:26	38.5	40.6
14:27	36.8	28.1	14:27	33.3	50.9	14:27	29.3	39.7
14:28	35.0	28.6	14:28	27.5	50.4	14:28	33.3	39.0
14:29	35.3	29.2	14:29	24.0	44.4	14:29	31.0	38.3
14:30	36.8	30.1	14:30	23.5	36.8	14:30	28.3	37.4
14:31	36.0	30.7	14:31	25.5	36.0	14:31	27.8	36.4
14:32	34.8	30.9	14:32	24.8	35.5	14:32	32.8	35.9

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)
14:33	33.8	31.4	14:33	28.3	35.3	14:33	35.5	35.5
14:34	34.0	31.9	14:34	37.0	35.6	14:34	28.5	34.7
14:35	34.5	32.7	14:35	36.8	35.4	14:35	30.5	34.0
14:36	35.5	33.4	14:36	36.0	34.0	14:36	33.8	33.5
14:37	34.0	33.9	14:37	39.5	33.3	14:37	34.0	33.1
14:38	38.5	34.8	14:38	26.3	32.9	14:38	34.8	32.9
14:39	41.3	35.8	14:39	25.8	32.5	14:39	36.0	32.7
14:40	41.8	36.2	14:40	41.8	31.2	14:40	33.0	32.5
14:41	39.3	36.5	14:41	55.5	32.4	14:41	33.5	32.1
14:42	37.3	36.5	14:42	29.5	32.1	14:42	30.5	32.2
14:43	36.5	36.6	14:43	38.5	32.8	14:43	26.8	31.8
14:44	36.5	36.7	14:44	40.3	33.9	14:44	30.0	31.7
14:45	36.3	36.7	14:45	30.0	34.4	14:45	32.8	32.0
14:46	35.3	36.6	14:46	25.3	34.3	14:46	33.5	32.4
14:47	36.0	36.7	14:47	23.0	34.2	14:47	32.0	32.3
14:48	36.0	36.8	14:48	22.8	33.9	14:48	30.6	32.0
14:49	36.0	37.0	14:49	22.3	32.9	14:49	31.6	32.2
14:50	39.3	37.3	14:50	23.0	32.0	14:50	30.0	32.2
14:51	41.3	37.7	14:51	23.0	31.1	14:51	28.8	31.9
14:52	40.5	38.1	14:52	23.0	30.0	14:52	29.4	31.5
14:53	40.0	38.2	14:53	23.8	29.8	14:53	28.2	31.1
14:54	39.3	38.1	14:54	26.3	29.9	14:54	32.8	30.9
14:55	39.5	37.9	14:55	29.3	29.0	14:55	35.0	31.0
14:56	39.8	38.0	14:56	30.0	27.3	14:56	34.6	31.1
14:57	40.0	38.1	14:57	30.8	27.4	14:57	34.0	31.3
14:58	42.8	38.6	14:58	27.8	26.7	14:58	32.4	31.7
14:59	48.8	39.4	14:59	28.5	25.9	14:59	33.6	32.0
15:00	56.3	40.7	15:00	33.5	26.1	15:00	37.0	32.2
15:01	59.0	42.3	15:01	40.8	27.2	15:01	42.8	32.9
15:02	63.5	44.1	15:02	45.8	28.7	15:02	48.2	33.9
15:03	66.0	46.1	15:03	45.3	30.2	15:03	49.8	35.2
15:04	66.8	48.2	15:04	43.0	31.6	15:04	52.6	36.6
15:05	67.3	50.0	15:05	40.8	32.8	15:05	54.8	38.3
15:06	65.8	51.7	15:06	38.5	33.8	15:06	50.0	39.7
15:07	65.0	53.3	15:07	38.0	34.8	15:07	47.0	40.9
15:08	68.0	55.2	15:08	38.0	35.7	15:08	48.2	42.2
15:09	66.5	57.0	15:09	38.5	36.6	15:09	49.8	43.3
15:10	65.3	58.7	15:10	39.0	37.2	15:10	50.4	44.3
15:11	65.8	60.4	15:11	39.5	37.8	15:11	50.0	45.4
15:12	65.3	62.1	15:12	41.0	38.5	15:12	52.4	46.6
15:13	67.5	63.8	15:13	44.0	39.6	15:13	58.2	48.3
15:14	73.0	65.4	15:14	47.8	40.9	15:14	65.8	50.5
15:15	78.8	66.9	15:15	44.8	41.6	15:15	60.8	52.1
15:16	79.0	68.2	15:16	42.0	41.7	15:16	51.4	52.6
15:17	74.8	69.0	15:17	40.8	41.4	15:17	50.4	52.8
15:18	67.8	69.1	15:18	39.3	41.0	15:18	48.2	52.7
15:19	63.5	68.9	15:19	38.5	40.7	15:19	45.2	52.2
15:20	60.5	68.4	15:20	37.8	40.5	15:20	44.8	51.5
15:21	58.5	67.9	15:21	36.3	40.3	15:21	47.6	51.3
15:22	58.3	67.5	15:22	37.8	40.3	15:22	52.0	51.7
15:23	53.3	66.5	15:23	35.8	40.2	15:23	45.2	51.5
15:24	50.5	65.4	15:24	34.5	39.9	15:24	43.4	51.1
15:25	46.8	64.2	15:25	33.8	39.6	15:25	42.8	50.5
15:26	45.3	62.8	15:26	33.3	39.1	15:26	41.8	50.0
15:27	43.5	61.4	15:27	33.8	38.7	15:27	40.2	49.2
15:28	42.3	59.7	15:28	31.3	37.8	15:28	47.2	48.5
15:29	42.5	57.7	15:29	29.5	36.6	15:29	52.6	47.6
15:30	41.5	55.2	15:30	32.3	35.8	15:30	46.6	46.6
15:31	43.0	52.8	15:31	32.5	35.1	15:31	41.4	46.0
15:32	43.5	50.7	15:32	35.3	34.8	15:32	37.8	45.1
15:33	43.8	49.1	15:33	34.0	34.4	15:33	38.0	44.4
15:34	45.8	47.9	15:34	32.3	34.0	15:34	41.2	44.2
15:35	47.5	47.1	15:35	35.0	33.8	15:35	53.2	44.7
15:36	48.0	46.4	15:36	36.3	33.8	15:36	58.6	45.5
15:37	49.3	45.8	15:37	38.5	33.9	15:37	58.8	45.9
15:38	50.0	45.5	15:38	33.8	33.7	15:38	56.0	46.6
15:39	49.0	45.4	15:39	32.8	33.6	15:39	49.0	47.0
15:40	49.0	45.6	15:40	33.3	33.6	15:40	55.2	47.8
15:41	48.8	45.8	15:41	37.3	33.8	15:41	55.4	48.7
15:42	47.3	46.1	15:42	33.0	33.8	15:42	50.2	49.4
15:43	46.8	46.4	15:43	34.5	34.0	15:43	55.0	49.9
15:44	45.0	46.5	15:44	32.8	34.2	15:44	46.0	49.5
15:45	44.5	46.7	15:45	29.3	34.0	15:45	44.0	49.3
15:46	41.5	46.6	15:46	28.8	33.8	15:46	45.2	49.6
15:47	41.3	46.5	15:47	28.0	33.3	15:47	44.6	50.0
15:48	42.8	46.4	15:48	26.5	32.8	15:48	36.8	49.9

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)
15:49	44.8	46.4	15:49	26.5	32.4	15:49	32.8	49.4
15:50	42.8	46.0	15:50	27.0	31.9	15:50	32.6	48.0
15:51	42.0	45.6	15:51	27.3	31.3	15:51	34.6	46.4
15:52	27.0	44.2	15:52	37.8	31.2	15:52	42.0	45.3
15:53	26.0	42.6	15:53	35.4	31.3	15:53	41.3	44.3
15:54	26.5	41.1	15:54	37.4	31.6	15:54	42.5	43.9
15:55	26.3	39.5	15:55	36.0	31.8	15:55	43.3	43.1
15:56	25.8	38.0	15:56	33.0	31.5	15:56	60.3	43.4
15:57	25.8	36.6	15:57	32.6	31.5	15:57	44.0	43.0
15:58	25.5	35.2	15:58	33.8	31.5	15:58	40.0	42.0
15:59	25.5	33.9	15:59	33.0	31.5	15:59	40.0	41.6
16:00	25.8	32.6	16:00	34.2	31.8	16:00	40.3	41.3
16:01	26.0	31.6	16:01	32.8	32.1	16:01	41.0	41.1
16:02	26.8	30.6	16:02	32.2	32.4	16:02	40.3	40.8
16:03	27.0	29.6	16:03	35.6	33.0	16:03	40.0	41.0
16:04	26.5	28.3	16:04	35.4	33.6	16:04	39.0	41.4
16:05	31.0	27.6	16:05	30.4	33.8	16:05	40.0	41.9
16:06	28.3	26.6	16:06	30.6	34.0	16:06	39.5	42.2
16:07	26.3	26.6	16:07	30.4	33.5	16:07	39.3	42.0
16:08	29.0	26.8	16:08	31.0	33.2	16:08	39.0	41.9
16:09	29.0	27.0	16:09	32.8	32.9	16:09	39.0	41.7
16:10	28.5	27.1	16:10	34.2	32.8	16:10	39.8	41.4
16:11	26.3	27.1	16:11	34.0	32.9	16:11	40.0	40.1
16:12	25.8	27.1	16:12	31.6	32.8	16:12	39.0	39.7
16:13	25.5	27.1	16:13	29.6	32.5	16:13	39.0	39.7
16:14	26.5	27.2	16:14	29.0	32.3	16:14	38.3	39.6
16:15	25.8	27.2	16:15	29.0	31.9	16:15	38.8	39.5
16:16	25.0	27.1	16:16	31.0	31.8	16:16	38.5	39.3
16:17	24.8	27.0	16:17	32.4	31.8	16:17	38.0	39.1
16:18	24.3	26.8	16:18	34.2	31.7	16:18	38.0	39.0
16:19	27.0	26.9	16:19	32.6	31.5	16:19	38.0	38.9
16:20	26.0	26.5	16:20	31.0	31.6	16:20	38.3	38.8
16:21	25.0	26.3	16:21	32.2	31.7	16:21	38.3	38.7
16:22	24.3	26.2	16:22	34.8	32.0	16:22	39.0	38.7
16:23	23.3	25.8	16:23	33.6	32.1	16:23	40.0	38.8
16:24	24.0	25.5	16:24	30.6	32.0	16:24	51.5	39.6
16:25	24.0	25.2	16:25	29.2	31.7	16:25	44.3	39.9
16:26	25.0	25.1	16:26	29.4	31.3	16:26	40.3	39.9
16:27	25.0	25.0	16:27	30.0	31.2	16:27	42.0	40.1
16:28	25.0	25.0	16:28	30.3	31.3	16:28	42.3	40.4
16:29	25.0	24.9	16:29	31.0	31.4	16:29	41.8	40.6
16:30	25.0	24.8	16:30	30.5	31.5	16:30	39.3	40.6
16:31	25.0	24.8	16:31	31.8	31.6	16:31	39.0	40.7
16:32	25.0	24.9	16:32	31.0	31.5	16:32	39.0	40.7
16:33	25.0	24.9	16:33	30.0	31.2	16:33	39.5	40.8
16:34	25.0	24.8	16:34	31.0	31.1	16:34	39.3	40.9
16:35	25.0	24.7	16:35	30.5	31.1	16:35	37.0	40.8
16:36	25.0	24.7	16:36	31.3	31.0	16:36	37.5	40.8
16:37	24.8	24.7	16:37	30.5	30.7	16:37	38.0	40.7
16:38	25.0	24.9	16:38	30.3	30.5	16:38	38.0	40.6
16:39	24.5	24.9	16:39	31.0	30.5	16:39	38.8	39.7
16:40	25.0	25.0	16:40	30.8	30.6	16:40	38.0	39.3
16:41	24.5	24.9	16:41	29.3	30.6	16:41	37.0	39.1
16:42	24.3	24.9	16:42	28.0	30.5	16:42	37.0	38.8
16:43	26.0	24.9	16:43	28.0	30.3	16:43	38.0	38.5
16:44	25.0	24.9	16:44	28.8	30.2	16:44	38.8	38.3
16:45	26.5	25.0	16:45	31.8	30.3	16:45	39.0	38.3
16:46	26.8	25.2	16:46	30.5	30.2	16:46	39.0	38.3
16:47	25.3	25.2	16:47	30.3	30.1	16:47	39.0	38.3
16:48	25.8	25.2	16:48	32.5	30.3	16:48	38.3	38.2
16:49	25.0	25.2	16:49	35.3	30.6	16:49	38.5	38.1
16:50	24.8	25.2	16:50	33.0	30.7	16:50	39.8	38.3
16:51	25.0	25.2	16:51	30.3	30.7	16:51	39.8	38.5
16:52	25.0	25.2	16:52	30.0	30.6	16:52	40.0	38.6

Thursday, February 16, 2023									
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 = 0									
Number of Comparable Data Points = 576									
Start Time: 7:02									
End Time: 16:52									
PID DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
7:03	0.0	-	7:03	0.0	-	7:03	0.0	-	-
7:04	0.0	-	7:04	0.0	-	7:04	0.0	-	-
7:05	0.0	-	7:05	0.0	-	7:05	0.0	-	-
7:06	0.0	-	7:06	0.0	-	7:06	0.0	-	-
7:07	0.0	-	7:07	0.0	-	7:07	0.0	-	-
7:08	0.0	-	7:08	0.0	-	7:08	0.0	-	-
7:09	0.0	-	7:09	0.0	-	7:09	0.0	-	-
7:10	0.0	-	7:10	0.0	-	7:10	0.0	-	-
7:11	0.0	-	7:11	0.0	-	7:11	0.0	-	-
7:12	0.0	-	7:12	0.0	-	7:12	0.0	-	-
7:13	0.0	-	7:13	0.0	-	7:13	0.0	-	-
7:14	0.0	-	7:14	0.0	-	7:14	0.0	-	-
7:15	0.0	-	7:15	0.0	-	7:15	0.0	-	-
7:16	0.0	-	7:16	0.0	-	7:16	0.0	-	-
7:17	0.0	0.0	7:17	0.0	-	7:17	0.0	0.0	-
7:18	0.0	0.0	7:18	0.0	0.0	7:18	0.0	0.0	-
7:19	0.0	0.0	7:19	0.0	0.0	7:19	0.0	0.0	-
7:20	0.0	0.0	7:20	0.0	0.0	7:20	0.0	0.0	-
7:21	0.0	0.0	7:21	0.0	0.0	7:21	0.0	0.0	-
7:22	0.0	0.0	7:22	0.0	0.0	7:22	0.0	0.0	-
7:23	0.0	0.0	7:23	0.0	0.0	7:23	0.0	0.0	-
7:24	0.0	0.0	7:24	0.0	0.0	7:24	0.0	0.0	-
7:25	0.0	0.0	7:25	0.0	0.0	7:25	0.0	0.0	-
7:26	0.0	0.0	7:26	0.0	0.0	7:26	0.0	0.0	-
7:27	0.0	0.0	7:27	0.0	0.0	7:27	0.0	0.0	-
7:28	0.0	0.0	7:28	0.0	0.0	7:28	0.0	0.0	-
7:29	0.0	0.0	7:29	0.0	0.0	7:29	0.0	0.0	-
7:30	0.0	0.0	7:30	0.0	0.0	7:30	0.0	0.0	-
7:31	0.0	0.0	7:31	0.0	0.0	7:31	0.0	0.0	-
7:32	0.0	0.0	7:32	0.0	0.0	7:32	0.0	0.0	-
7:33	0.0	0.0	7:33	0.0	0.0	7:33	0.0	0.0	-
7:34	0.0	0.0	7:34	0.0	0.0	7:34	0.0	0.0	-
7:35	0.0	0.0	7:35	0.0	0.0	7:35	0.0	0.0	-
7:36	0.0	0.0	7:36	0.0	0.0	7:36	0.0	0.0	-
7:37	0.0	0.0	7:37	0.0	0.0	7:37	0.0	0.0	-
7:38	0.0	0.0	7:38	0.0	0.0	7:38	0.0	0.0	-
7:39	0.0	0.0	7:39	0.0	0.0	7:39	0.0	0.0	-
7:40	0.0	0.0	7:40	0.0	0.0	7:40	0.0	0.0	-
7:41	0.0	0.0	7:41	0.0	0.0	7:41	0.0	0.0	-
7:42	0.0	0.0	7:42	0.0	0.0	7:42	0.0	0.0	-
7:43	0.0	0.0	7:43	0.0	0.0	7:43	0.0	0.0	-
7:44	0.0	0.0	7:44	0.0	0.0	7:44	0.0	0.0	-
7:45	0.0	0.0	7:45	0.0	0.0	7:45	0.0	0.0	-
7:46	0.0	0.0	7:46	0.0	0.0	7:46	0.0	0.0	-
7:47	0.0	0.0	7:47	0.0	0.0	7:47	0.0	0.0	-
7:48	0.0	0.0	7:48	0.0	0.0	7:48	0.0	0.0	-
7:49	0.0	0.0	7:49	0.0	0.0	7:49	0.0	0.0	-
7:50	0.0	0.0	7:50	0.0	0.0	7:50	0.0	0.0	-
7:51	0.0	0.0	7:51	0.0	0.0	7:51	0.0	0.0	-
7:52	0.0	0.0	7:52	0.0	0.0	7:52	0.0	0.0	-
7:53	0.0	0.0	7:53	0.0	0.0	7:53	0.0	0.0	-
7:54	0.0	0.0	7:54	0.0	0.0	7:54	0.0	0.0	-
7:55	0.0	0.0	7:55	0.0	0.0	7:55	0.0	0.0	-
7:56	0.0	0.0	7:56	0.0	0.0	7:56	0.0	0.0	-
7:57	0.0	0.0	7:57	0.0	0.0	7:57	0.0	0.0	-
7:58	0.0	0.0	7:58	0.0	0.0	7:58	0.0	0.0	-
7:59	0.0	0.0	7:59	0.0	0.0	7:59	0.0	0.0	-
8:00	0.0	0.0	8:00	0.0	0.0	8:00	0.0	0.0	-
8:01	0.0	0.0	8:01	0.0	0.0	8:01	0.0	0.0	-
8:02	0.0	0.0	8:02	0.0	0.0	8:02	0.0	0.0	-
8:03	0.0	0.0	8:03	0.0	0.0	8:03	0.0	0.0	-
8:04	0.0	0.0	8:04	0.0	0.0	8:04	0.0	0.0	-
8:05	0.0	0.0	8:05	0.0	0.0	8:05	0.0	0.0	-
8:06	0.0	0.0	8:06	0.0	0.0	8:06	0.0	0.0	-
8:07	0.0	0.0	8:07	0.0	0.0	8:07	0.0	0.0	-
8:08	0.0	0.0	8:08	0.0	0.0	8:08	0.0	0.0	-
8:09	0.0	0.0	8:09	0.0	0.0	8:09	0.0	0.0	-
8:10	0.0	0.0	8:10	0.0	0.0	8:10	0.0	0.0	-
8:11	0.0	0.0	8:11	0.0	0.0	8:11	0.0	0.0	-
8:12	0.0	0.0	8:12	0.0	0.0	8:12	0.0	0.0	-
8:13	0.0	0.0	8:13	0.0	0.0	8:13	0.0	0.0	-

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

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

PID DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
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	-
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	0.1	0.0	11:16	0.0	0.0	11:16	0.0	0.0	-
11:17	0.9	0.1	11:17	0.0	0.0	11:17	0.0	0.0	-
11:18	0.0	0.1	11:18	0.0	0.0	11:18	0.0	0.0	-
11:19	0.0	0.1	11:19	0.0	0.0	11:19	0.0	0.0	-
11:20	0.0	0.1	11:20	0.0	0.0	11:20	0.0	0.0	-
11:21	0.0	0.1	11:21	0.0	0.0	11:21	0.0	0.0	-
11:22	0.0	0.1	11:22	0.0	0.0	11:22	0.0	0.0	-
11:23	0.0	0.1	11:23	0.0	0.0	11:23	0.0	0.0	-
11:24	0.0	0.1	11:24	0.0	0.0	11:24	0.0	0.0	-
11:25	0.0	0.1	11:25	0.0	0.0	11:25	0.0	0.0	-
11:26	0.0	0.1	11:26	0.0	0.0	11:26	0.0	0.0	-
11:27	0.0	0.1	11:27	0.0	0.0	11:27	0.0	0.0	-
11:28	0.0	0.1	11:28	0.0	0.0	11:28	0.0	0.0	-
11:29	0.0	0.1	11:29	0.0	0.0	11:29	0.0	0.0	-
11:30	0.0	0.1	11:30	0.0	0.0	11:30	0.0	0.0	-
11:31	0.0	0.1	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	-

