

DAILY STATUS REPORT

Prepared By: Leo Thottumari

WEATHER	Snow	Rain	Overcast	Partly Cloudy	x	Bright Sun	x
TEMP	< 32	32-50	x	50-70	x	70-85	>85

Langan Project No:	100805202	Project:	210 Douglass Street Site	Date:	03/16/2023
NYSDEC BCP Site No:	C224316			Time:	6:30 – 17:30

Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	PERSONNEL ON SITE: Langan: Leo Thottumari (Environmental) ADT: David Moon and crew, Brian Karshick and Crew Alba: Demolition crew
Equipment: Sonic Samp Drill XL MAX Sonic drill rig and Terra Sonic International Sonic drill rig	

Site Activities

- Langan mobilized to the site to oversee implementation of the Remedial Investigation Work Plan.
- ADT used a Sonic Samp Drill XL MAX Sonic drill rig to advance soil boring LSB-35_S to approximately 60 feet bgs within the footprint of the former Lot 21 building, 20 feet south of LSB-35 to delineate grossly contaminated material (GCM) building. GCM including saturation, staining, sheen, odors, elevated PID readings, and/or NAPL was identified within the boring. Details below:
 - GCM including saturation, staining, sheen, odors, elevated PID readings, and/or NAPL was identified between approximately 30 and 45 feet bgs. The presence, or lack thereof, of non-aqueous phase liquid (NAPL) was identified using shake tests from 29.5 to 45.5 feet bgs. One shake test per five feet was performed for all suspected GCM material from 30 to 45 feet bgs (biased towards evidence of greatest impact) and six-inches above 30 feet and below 45 feet. A maximum PID reading of 946.2 ppm was recorded at 34 feet bgs.
 - Coal tar saturated material was identified from 34 to 35 feet bgs and 41 to 45 feet bgs. A clay layer was identified from 45 to 47 feet bgs. Coal tar stained material was identified from 30 to 34 feet bgs and 35 to 41 feet bgs.
- ADT used a Sonic Samp Drill XL MAX Sonic drill rig to advance soil boring LSB-35_W to approximately 55 feet bgs within the footprint of the former Lot 21 building, 20 feet west of LSB-35 to delineate GCM. GCM including staining, sheen, odors, elevated PID readings, and/or NAPL was identified within the boring. Details below:
 - GCM including staining, sheen, odors, elevated PID readings, and/or NAPL was identified between approximately 30 and 42 feet bgs. The presence, or lack thereof, of non-aqueous phase liquid (NAPL) was identified using shake tests from 29.5 to 35.5 bgs and 39.5 to 42.5 feet bgs. One shake test per five feet was performed for all suspected GCM material from 30 to 42 feet bgs (biased towards evidence of greatest impact) and six-inches above 30 feet and below 42 feet. A maximum PID reading of over 228.9 ppm was recorded at 34 feet bgs.
 - Coal tar saturated material was not observed. Coal tar stained material was identified from 33 to 35 feet bgs and 40 to 42 feet bgs. Coal tar sheen was identified from 30 to 33 feet bgs. A clay layer was identified from 42 to 44 feet bgs.
- ADT used a Sonic Samp Drill XL MAX Sonic drill rig to advance soil boring LSB-38_S to approximately 80 feet bgs within the footprint of the former Lot 21 building, 20 feet south of LSB-38 to delineate GCM. GCM including staining, sheen, odors, elevated PID readings, and/or NAPL was identified within the boring. Details below:

Site Activities (continued)

- GCM including staining, sheen, odors, elevated PID readings, and/or NAPL was identified between approximately 30 and 35 feet bgs. The presence, or lack thereof, of non-aqueous phase liquid (NAPL) was identified using shake tests from 29.5 to 35.5 bgs. One shake test per five feet was performed for all suspected GCM material from 30 to 35 feet bgs (biased towards evidence of greatest impact) and six-inches above 30 feet and below 35 feet. A maximum PID reading of over 362.9 ppm was recorded at 33 feet bgs.
- Coal tar saturated material was not observed.. Coal tar coated material was identified from 32 to 33 feet bgs. Coal tar stained material was identified from 30 to 32 feet bgs and 33 to 35 feet bgs. A clay layer was identified from 35 to 37 feet bgs
- ADT used a Terra Sonic International Sonic drill rig to advance a soil boring to 50 feet bgs and install NAPL mobility well MW-31 within the Lot 21 asphalt paved area, offset from LSB-3A and MW-32. The monitoring well was constructed with a 5 foot sump from 50 to 45 feet bgs and screened from 37 to 45-feet bgs.
- ADT used a Terra Sonic International Sonic drill rig to advance a soil boring to 81 feet bgs and install NAPL mobility well MW-34 within the Lot 21 asphalt paved area, offset from LSB-2A. The monitoring well was constructed with a 5 foot sump from 81 to 76 feet bgs and screened from 66 to 76-feet bgs.
- Demolition debris movement, unrelated to the remedial investigation, occurred within the former Lot 14 building and within the Lot 21 asphalt paved parking lot area. No subsurface soils were exposed during demolition activities. Demolition activities are occurring in accordance with the 16 September 2022 Change of Use acknowledged by NYSDEC on 3 October 2022.

Samples Collected

- Langan collected a coal tar delineation soil samples LSB35_S_47-49 from 47 to 49 feet bgs, LSB35_W_44-46 from 44 to 46 feet bgs, LSB38_S_37-39 from 37 to 39 feet bgs, and DUP01_20230316. The samples will be analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), target analyte list (TAL) metals, hexavalent chromium, polychlorinated biphenyls (PCBs), herbicides, pesticides, hexavalent chromium, total cyanide, per- and polyfluoroalkyl substances (PFAS), and 1,4-dioxane.
- Langan submitted TripBlank16_031623 to be analyzed for VOCs.

Community Air Monitoring Program (CAMP)

- Langan implemented the CAMP during soil disturbance. The CAMP equipment consisted of a DustTrack II and photoionization detector (PID) at dedicated locations on the downwind perimeter and upwind perimeter of the site and on the southern perimeter of Lot 1, as well as a personal Aeroqual Ranger (personal dust monitor) and Photoionization Detector (PID) at a work zone monitoring station.
- No 15 minute time weighted average (TWA) Dust or VOC concentrations were detected in exceedance of the daily STEL.
- No instantaneous Dust or VOC concentrations were detected in exceedance of the daily STEL.

Problems Encountered

- None
-

Activities Scheduled for Next Day

- Coal tar delineation investigation will continue.

SITE MAP



LEGEND

On-Site Proposed Sample Locations

- Soil Boring
- Soil Boring, Monitoring Well
- Soil Boring and Soil Vapor Point
- Soil Boring, Monitoring Well, and Soil Vapor Point
- Soil Boring, Monitoring Well, Soil Vapor, and Indoor Air Point
- Soil Boring, Soil Vapor, and Indoor Air Point

- Moved Drilling Location

Off-Site Proposed Sample Locations

- Soil Boring, Monitoring Well, and Soil Vapor Point Location (off-Site)

Previously Installed Sample Location

- Soil Boring (Langan 2019)
- Soil Boring and Monitoring Well Location (Langan 2019)

- BCP Site Boundary

- Work Zone Air Monitoring Station

- Perimeter CAMP Station

- Work Zone

- Drilling Work Zone

- Completed Drilling Location

- In Progress Drilling Location

NOTES

1. Basemap obtained from Figure 7 - Proposed Sample Location Plan of the 2022-02-03 Remedial Investigation Work Plan prepared by Langan.
2. Site features are approximate and not to scale.

Photo Log

Photo 1 – General sonic cores collected from LSB-35_S from 50 to 60 ft bgs. Top of interval on left; bottom of interval on right.



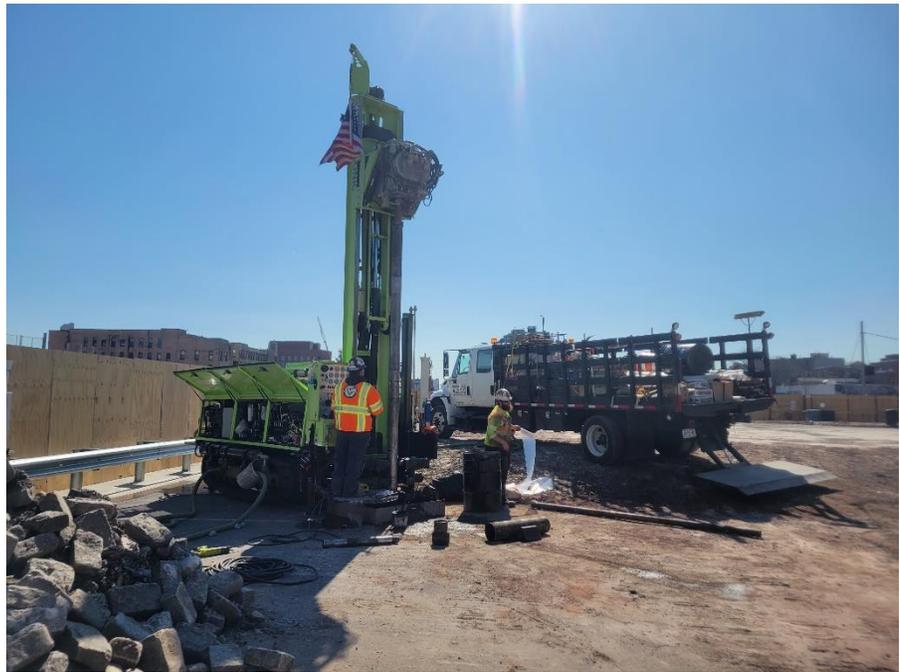
Photo 2 – General sonic cores collected from LSB-38_S from 30 to 40 ft bgs. Top of interval on left; bottom of interval on right.



Photo 3 – Shake tests performed from LSB38_S from 29.5 to 35.5 feet bgs.



Photo 4 – ADT installing MW-34, facing south.



Project 210 Douglass Street	Project No. 100805201
Location Brooklyn, NY	Elevation and Datum Approximately +7 NAVD88

MATERIAL SYMBOL	COLOR CODE	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)									
				Number	Type	Recov. (in)	Penetr. resist. BL/6in		PID (ppm)								
		Light gray medium-fine SAND, some silt (wet)[SM]	20	S-3	SONIC	60		0									
			21					0									
			22					0									
			23					0									
			24					0									
			25					0									
			26					0									
			27					0									
			28					0									
			29					0									
										Dark brown medium-fine SAND, some silt (wet)[SM]	30	S-4	SONIC	78		98.3	Staining from 30 to 34-ft bgs Moderate coal tar odor from 30 to 34-ft bgs
											31					133.4	
											32					265.7	
											33					316.1	
											34					278.2	
											35					271.8	
											36					283.3	
											37					469.0	
											38					946.2	
											39					851.9	
										Light brown medium-fine SAND, some clay (wet)[SC]	40	S-5	SONIC	96		571.2	Coal tar saturation from 34 to 35-ft bgs Strong coal tar odor from 34 to 35-ft bgs Staining from 35 to 41-ft bgs Moderate coal tar odor from 35 to 41-ft bgs
											41					435.6	
											42					726.7	
											43					736.0	
											44					725.4	
45	835.3																
	816.8																
	715.5																
	856.1																
	824.8																

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Project		Project No.							
210 Douglass Street		100805201							
Location		Elevation and Datum							
Brooklyn, NY		Approximately +7 NAVD88							
MATERIAL SYMBOL	COLOR CODE	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penetr. resist. BL/6in		PID (ppm)
		Light brown CLAY, trace fine sand (wet)[CL]	45	S-5	SONIC	96		2.3	
			46					1.8	
	47	0							
	48	0							
	49	0							
	50	0							
	51	0							
	52	0							
	53	0							
	54	0							
		Brown medium-fine SAND, some clay (wet)[SC]	47	S-6	SONIC	78		0	
			48					0	
	49	0							
	50	0							
	51	0							
	52	0							
	53	0							
	54	0							
	55	0							
	56	0							
	57	0							
	58	0							
	59	0							
	60	0							
	61	0							
	62	0							
	63	0							
	64	0							
	65	0							
	66	0							
	67	0							
	68	0							
	69	0							
	70	0							
		Light brown CLAY, trace fine sand (wet)[CL]	54						
		Light brown medium-fine SAND, some silt (wet)[SM]	55						
			60						Bottom of boring at 60-ft bgs on 3/16/2023 10:02 AM

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LANGAN

Project 210 Douglass Street			Project No. 100805201		
Location Brooklyn, NY			Elevation and Datum Approximately +7 NAVD88		
Drilling Company Aquifer Drilling and Testing, Inc. (Cascade)			Date Started 03/16/2023		Date Finished 03/17/2023
Drilling Equipment Sonic SampDrill XL MAX			Completion Depth 55 ft		Rock Depth ---
Size and Type of Bit 4-inch Sonic Bit			Number of Samples Disturbed ---		Undisturbed 6
Casing Diameter (in) 4-inch		Casing Depth (ft) ---	Water Level (ft.) First ∇ 5		Completion ∇ ---
Casing Hammer ---	Weight (lbs) ---	Drop (in) ---	Drilling Foreman David Moon		
Sampler Dedicated Plastic Sonic Sleeve			Field Engineer Leo Thottumari		
Casing Hammer ---	Weight (lbs) ---	Drop (in) ---			

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MATERIAL SYMBOL	COLOR CODE	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)		
				Number	Type	Recov. (in)	Penetr. resist BL/in	PID (ppm)			
		Dark brown silty medium-fine SAND, trace clay (wet)[FILL]	0					0	Started Drilling at 3/16/2023 10:47 AM.		
			1					0			
			2					0			
			3					0			
			4					0			
			5			∇	S-1	SONIC		60	0
			6							0	
			7							0	
			8							0	
			9							0	
		Light gray CLAY, trace silt (wet)[CL]	10					0			
			11					0			
			12							0	
			13							0	
			14							0	
			15				S-2	SONIC		96	0
			16								0
			17								0
			18								0
			19								0
		Dark brown CLAY, some silt with fibrous organics and shell pieces (wet)[OL]	20					0			

Project 210 Douglass Street	Project No. 100805201
Location Brooklyn, NY	Elevation and Datum Approximately +7 NAVD88

MATERIAL SYMBOL	COLOR CODE	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penetr. resist. BL/6in		PID (ppm)
		Light gray medium SAND, some silt (wet)[SM]	20	S-3	SONIC	74		0	
			21					0	
			22					0	
			23					0	
			24					0	
			25					0	
			26					0	
			27					0	
			28					0	
			29					0	
			30					0.5	
			31					2.4	
			32					1.5	
			33					3.8	
			34					2.5	
			35					2.7	
			36					69.1	
			37					96.0	
			38					228.9	
			39					202.9	
			40					186.3	
			41					2.1	
			42					0	
			43					0	
36	0								
37	0								
38									
39									
40	54.3								
41	98.5								
42	37.6								
43	65.2								
44	0.9								
45	0								
46	0								
47	0								
48	0								
49	0								
50	0								
51	0								
52	0								
53	0								
54	0								
55	0								
56	0								
57	0								
58	0								
59	0								
60	0								
		Grayish brown medium-fine SAND, some silt (wet)[SM]	40	S-5	SONIC	80		54.3	
			41					98.5	
			42					37.6	
			43					65.2	
			44					0.9	
			45					0	
			46					0	
			47					0	
			48					0	
			49					0	
			50					0	
			51					0	
			52					0	
			53					0	
			54					0	
			55					0	
			56					0	
			57					0	
			58					0	
			59					0	
			60					0	
			61					0	
			62					0	
			63					0	
			64					0	
65	0								
		Light brown CLAY, trace fine sand (wet)[CL]	42	S-5	SONIC	80		0.9	
			43					0	
			44					0	
			45					0	
			46					0	
			47					0	
			48					0	
			49					0	
			50					0	
			51					0	
			52					0	
			53					0	
			54					0	
			55					0	
			56					0	
			57					0	
			58					0	
			59					0	
			60					0	
			61					0	
			62					0	
			63					0	
			64					0	
			65					0	
45	0								
46	0								
47	0								
48	0								
49	0								
50	0								
51	0								
52	0								
53	0								
54	0								
55	0								
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64	0								
65	0								

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Project 210 Douglass Street	Project No. 100805201
Location Brooklyn, NY	Elevation and Datum Approximately +7 NAVD88

MATERIAL SYMBOL	COLOR CODE	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist. BL/6in	
		Light brown medium-fine SAND, some silt (wet)[SM]	45	S-5	SONIC	80		0
			46					0
		Light brown CLAY, trace fine sand (wet)[CL]	47	S-6	SONIC	48		0
			48					0
			49					0
			50					0
			51					0
			52					0
			53					0
			54					0
			55					0
			56					
			57					
			58					
			59					
			60					
			61					
			62					
			63					
			64					
			65					
			66					
			67					
			68					
			69					
			70					

Bottom of boring at 55-ft bgs on 3/17/2023 1:03 PM

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LANGAN

Project 210 Douglass Street			Project No. 100805201		
Location Brooklyn, NY			Elevation and Datum Approximately +6 NAVD88		
Drilling Company Aquifer Drilling and Testing, Inc. (Cascade)			Date Started 03/17/2023		Date Finished 03/17/2023
Drilling Equipment Sonic SampDrill XL MAX			Completion Depth 80 ft		Rock Depth ---
Size and Type of Bit 4-inch Sonic Bit			Number of Samples Disturbed ---		Undisturbed 8
Casing Diameter (in) 4-inch		Casing Depth (ft) ---	Water Level (ft.) First ∇ 6		Completion ∇ ---
Casing Hammer ---	Weight (lbs) ---	Drop (in) ---	Drilling Foreman David Moon		
Sampler Dedicated Plastic Sonic Sleeve			Field Engineer Leo Thottumari		
Casing Hammer ---	Weight (lbs) ---	Drop (in) ---			

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MATERIAL SYMBOL	COLOR CODE	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)		
				Number	Type	Recov. (in)	Penetr. resist. BL/in	PID (ppm)			
[Cross-hatched pattern]	[Green]	Light gray coarse GRAVEL (dry)[CONCRETE]	0					0	Started Drilling at 3/17/2023 1:23 PM.		
		Dark gray to orangish brown medium-fine SAND, some clay, trace silt (moist)[FILL]	1					0			
			2							0	
			3							0	
			4							0	
			5		S-1	SONIC	60				0
			6								0
			7								0
			8								0
			9								0
[Diagonal hatched pattern]	[Green]	Light gray CLAY, trace silt (wet)[CL]	10					0			
			11							0	
			12							0	
			13							0	
			14							0	
			15		S-2	SONIC	96				0
			16								0
			17								0
			18								0
			19								0
	20							0			

Brownish gray CLAY, some silt with fibrous organics and shell pieces. (wet)[OL]

Project 210 Douglass Street	Project No. 100805201
Location Brooklyn, NY	Elevation and Datum Approximately +6 NAVD88

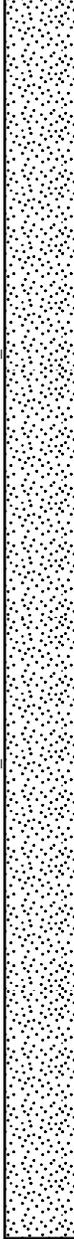
MATERIAL SYMBOL	COLOR CODE	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)							
				Number	Type	Recov. (in)	Penetr. resist. BL/6in		PID (ppm)						
		Light gray medium-fine SAND, some silt (wet)[SM]	20	S-3	SONIC	84		0							
			21					0							
			22					0							
			23					0							
			24					0							
			25					0							
			26					0							
			27					0							
			28												
			29												
									Grayish brown medium-fine SAND, some silt (wet)[SM]	30	S-4	SONIC	84		65.6
										31					186.5
										32					165.1
										33					168.7
										34					245.0
									Light brown CLAY, trace fine sand (wet)[CL]	35	S-4	SONIC	84		286.3
										36					362.9
									Light brown medium-fine SAND, some silt, trace clay (wet)[SM]	37	S-4	SONIC	84		245.8
										38					215.0
									Light brown SAND, some clay (wet)[SC]	39	S-5	SONIC	72		235.9
										40					5.3
										41					2.9
										42					1.3
										43					0
										44					0
										45					0
										46					0

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Staining from 30 to 32-ft bgs
Slight coal tar odor from 30 to 32-ft bgs

Coal tar coated material from 32 to 33-ft bgs
Moderate coal tar odor from 32 to 33-ft bgs
Staining from 33 to 35-ft bgs
Slight coal tar odor from 33 to 35-ft bgs

Project 210 Douglass Street	Project No. 100805201
Location Brooklyn, NY	Elevation and Datum Approximately +6 NAVD88

MATERIAL SYMBOL	COLOR CODE	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist. BL/6in	
		Light brown CLAY, trace sand (wet)[CL]	45	S-5	SONIC	72		0
			46					0
			47					0
			48					0
			49					0
			50					0
			51					0
			52					0
			53					0
			54					0
		Light brown medium-fine SAND, some silt (wet)[SM]	50	S-6	SONIC	80		0
			51					0
			52					0
			53					0
			54					0
			55					0
			56					0
			57					0
			58					0
			59					0
		Light brown medium SAND, trace silt (wet)[SP]	60	S-7	SONIC	84		0
			61					0
			62					0
			63					0
			64					0
			65					0
			66					0
			67					0
			68					0
			69					0
		Light brown SAND, some clay (wet)[SC]	70	S-7	SONIC	84		0
			71					0
			72					0
			73					0
			74					0
			75					0
			76					0
			77					0
			78					0
			79					0
		Light brown medium SAND (wet)[SP]	80	S-7	SONIC	84		0
			81					0
			82					0
			83					0
			84					0
			85					0
			86					0
			87					0
			88					0
			89					0
90	0							

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LANGAN

Project 210 Douglass Street	Project No. 100805201
Location Brooklyn, NY	Elevation and Datum Approximately +6 NAVD88

MATERIAL SYMBOL	COLOR CODE	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penetr. resist. BL/6in		PID (ppm)
		Light brown clayey medium-fine SAND, some coarse gravel (wet)[SC]	70	S-8	SONIC	78		0	
			71					0	
			72					0	
			73					0	
			74					0	
			75					0	
			76					0	
			77					0	
			78					0	
			79					0	
			80					0	
			81					0	
			82					0	
			83					0	
			84					0	
			85					0	
86	0								
87	0								
88	0								
89	0								
90	0								
91	0								
92	0								
93	0								
94	0								
95	0								
								Bottom of boring at 80-ft bgs on 3/17/2023 2:57 PM	

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LANGAN

Project 210 Douglass Street			Project No. 100805201		
Location Brooklyn, NY			Elevation and Datum Approximately +6 NAVD88		
Drilling Company Aquifer Drilling and Testing, Inc. (Cascade)			Date Started 03/15/2023		Date Finished 03/15/2023
Drilling Equipment Sonic SampDrill XL MAX			Completion Depth 75 ft		Rock Depth ---
Size and Type of Bit 4-inch Sonic Bit			Number of Samples	Disturbed ---	Undisturbed 8
Casing Diameter (in) 4-inch		Casing Depth (ft) ---	Water Level (ft.) First 6	Completion ---	24 HR. ---
Casing Hammer ---	Weight (lbs) ---	Drop (in) ---	Drilling Foreman David Moon		
Sampler Dedicated Plastic Sonic Sleeve			Field Engineer Leo Thottumari		
Sampler Hammer ---	Weight (lbs) ---	Drop (in) ---			

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MATERIAL SYMBOL	COLOR CODE	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist	BL/Join	
		Light gray fine GRAVEL (dry)[FILL]	0						Started Drilling at 3/15/2023 10:04 AM. MW-31 installed to a depth of 50-ft bgs MW-32 installed to a depth of 75-ft bgs
		Dark gray to black fine-medium SAND, some silt, some fine gravel (moist)[FILL]	1						
		Dark gray to black fine-medium SAND, some silt, some fine gravel, Timber cribbing (moist)[FILL]	2						
			3						
			4						
			5	Dark gray to black silty medium SAND, trace gravel (moist)[FILL]	5	S-1	SONIC	73	
		Dark gray to black fine-medium SAND, some silt, some fine gravel, Timber cribbing layer (moist)[FILL]	6						
		No Recovery	10						No Recovery from 10 to 25-ft bgs - former bulkhead timber pile
			11						
			12						
			13						
			14						
			15	S-2	SONIC				
			16						
			17						
			18						
			19						
			20						

Project 210 Douglass Street	Project No. 100805201
Location Brooklyn, NY	Elevation and Datum Approximately +6 NAVD88

MATERIAL SYMBOL	COLOR CODE	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist. BL/6in	
			20					No Recovery from 10 to 25-ft bgs - former bulkhead timber pile
			21					
			22					
			23					
			24					
		Light gray silty fine SAND, trace gravel (wet)[SM]	25	S-3	SONIC	60		Slight coal tar odor from 25 to 30-ft bgs
		Light gray fine-medium SAND, some silt, trace gravel (wet)[SP-SM]	26					Lens of coal tar coated material from 26 to 26.5-ft bgs
		Light gray fine-medium SAND, trace silt, trace gravel (wet)[SP]	27					
			28					
			29					
		Gray fine-medium SAND, trace silt, trace fine gravel (wet)[SP]	30					Moderate coal tar odor from 30 to 35-ft bgs. Staining from 30 to 31.5-ft bgs
		Gray fine-medium SAND, some silt, trace fine gravel (wet)[SP-SM]	31					
		Gray silty fine SAND, trace fine gravel (wet)[SM]	32					
			33					
			34					
		Gray fine-medium SAND, some silt, trace fine gravel (wet)[SP-SM]	35	S-4	SONIC	85		Strong coal tar odor from 35 to 40-ft bgs
		Gray fine-medium SAND, trace clay, trace silt, trace fine gravel (wet)[SP]	36					
			37					6-inch lens of coal tar coated material at 37-ft bgs
			38					
			39					Coal tar saturated from 39 to 40-ft bgs
			40					Moderate coal tar odor 40 to 45-ft bgs
		Gray to red CLAY, trace sand (wet)[CL]	41					Staining from 40 to 41-ft bgs
		Gray clayey fine SAND, trace fine gravel (wet)[SC]	42					
		Gray fine-medium SAND, trace clay, trace fine gravel (wet)[SP-SC]	43	S-5	SONIC	100		
			44					
			45					

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Project 210 Douglass Street	Project No. 100805201
Location Brooklyn, NY	Elevation and Datum Approximately +6 NAVD88

MATERIAL SYMBOL	COLOR CODE	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)		
				Number	Type	Recov. (in)	Penetr. resist. BL/6in		PID (ppm)	
		Gray fine-medium SAND, trace clay, trace fine gravel (wet)[SC]	45	S-5	SONIC	100				
			46							
			47							
			48							
			49							
				Gray fine-medium SAND, trace clay, trace fine gravel (wet)[SC]	50	S-6	SONIC	72		Moderate coal tar odor from 55 to 65-ft bgs Coal tar bleb from 55 to 55.5-ft bgs
					51					
					52					
					53					
					54					
				Gray fine-medium SAND, trace clay, trace fine gravel (wet)[SC]	55	S-7	SONIC	82		Strong coal tar odor from 65 to 70-ft bgs
					56					
					57					
					58					
					59					
				Dark gray fine-medium SAND, trace clay, trace fine gravel (wet)[SC]	60					Coal tar saturated from 67 to 67.5-ft bgs
					61					
					62					
					63					
					64					
				Dark gray fine-medium SAND, trace clay, trace fine gravel (wet)[SC]	65					Sheen from 68 to 70-ft bgs
					66					
					67					
					68					
					69					
			70							

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LANGAN

Project 210 Douglass Street	Project No. 100805201
Location Brooklyn, NY	Elevation and Datum Approximately +6 NAVD88

MATERIAL SYMBOL	COLOR CODE	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist. BL/6in	
		Brown fine-medium SAND, some fine gravel, trace clay (wet)[SC]	70	S-8	SONIC	40		
			71					
			72					
			73					
			74					
			75					Bottom of boring at 75-ft bgs on 3/15/2023 3:33 PM
			76					
			77					
			78					
			79					
			80					
			81					
			82					
			83					
			84					
			85					
			86					
			87					
			88					
			89					
			90					
			91					
			92					
			93					
			94					
			95					

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LANGAN

Project 210 Douglass Street		Project No. 100805201	
Location Brooklyn, NY		Elevation and Datum Approximately +6 NAVD88	
Drilling Company Aquifer Drilling and Testing, Inc. (Cascade)		Date Started 03/16/2023	Date Finished 03/16/2023
Drilling Equipment Sonic SampDrill XL MAX		Completion Depth 81 ft	Rock Depth ---
Size and Type of Bit 4-inch Sonic Bit		Number of Samples	Disturbed ---
Casing Diameter (in) 4-inch		Casing Depth (ft) ---	Undisturbed 9
Casing Hammer ---		Weight (lbs) ---	Drop (in) ---
Sampler Dedicated Plastic Sonic Sleeve		Drilling Foreman David Moon	
Sampler Hammer ---		Weight (lbs) ---	
		Field Engineer Leo Thottumari	

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MATERIAL SYMBOL	COLOR CODE	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist. BL/ft	
[Cross-hatched pattern]	[Green fill]	Gray fine GRAVEL (dry)[FILL] Black to red fine-medium SAND, some fine gravel, trace silt, Timber (moist)[FILL]	0				0.0	Started Drilling at 3/16/2023 10:15 AM.
		1				0.0		
		2				0.0		
		3				0.0		
		4				0.0		
		5				0.1		
		6				0.0		
		7				0.0		
		8				0.3		
		9				0.5		
[Diagonal hatched pattern]	[Green fill]	Gray to black CLAY, trace organics (wet)[CL]	10	S-1	SONIC	90	0.0	
		11				0.2		
		12				0.1		
		13				0.5		
		14				1		
		15				0.0		
		16				0.2		
		17				0.3		
		18				0.2		
		19				1.3		
[Diagonal hatched pattern]	[Green fill]	Black CLAY, some organics (wet)[CL]	20	S-2	SONIC	84	1.1	
		21				0.8		
		22				2.0		
		23						
		24						
		25						
		26						
		27						
		28						
		29						
30								

Project		Project No.							
210 Douglass Street		100805201							
Location		Elevation and Datum							
Brooklyn, NY		Approximately +6 NAVD88							
MATERIAL SYMBOL	COLOR CODE	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penetr. resist. BL/6in		PID (ppm)
		Gray fine-medium SAND, trace clay, trace fine gravel, trace organics (wet)[SP]	20	S-3	SONIC	98		1.9	Drill to 20.0ft on 2/16/23 at 2:34PM.
			21					2.8	
			22					4.9	
			23					6.2	
			24					6.5	
			25					7.1	
			26					11.2	
			27					13.1	
			28					5.2	
			29					6.9	
			30					8	
			31					11.0	
			32					20.7	
			33					112.3	
			34					116.7	
			35						
			36						
			37						
			38						
			39						
		Gray CLAY, trace organics (wet)[CL]	25	S-4	SONIC	100		55.7	Moderate coal tar odor from 27 to 40-ft bgs
			26					8	
			27					11.0	
			28					20.7	
			29					112.3	
			30					116.7	
			31						
			32						
			33						
			34						
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
		Gray fine-medium SAND, trace clay, trace gravel (wet)[SP]	29	S-5	SONIC	94		116.7	Strong coal tar odor from 40 to 50-ft bgs
			30					162.5	
			31					157.3	
			32					118.4	
			33					139.4	
			34					221.2	
			35					167.3	
			36					256.6	
			37					388.2	
			38					311.2	
39									
40									
41									
42									
43									
44									
45									
		Gray fine-medium SAND, some clay, trace gravel (wet)[SP-SC]	31	S-5	SONIC	94		13.2	Coal tar saturation from 40 to 50-ft bgs
			32					14.7	
			33					8.2	
			34					7.8	
			35					6.9	
			36					8.8	
			37					7.1	
			38					11.1	
			39					14.4	
			40					6.2	
41	9.5								
42	10.3								
43	8.2								
44	9.7								
45									

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Project 210 Douglass Street	Project No. 100805201
Location Brooklyn, NY	Elevation and Datum Approximately +6 NAVD88

MATERIAL SYMBOL	COLOR CODE	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penetr. resist. BL/6in		PID (ppm)
[Dotted Pattern]	[Red]		45	S-5	SONIC	94		179.5	
			46					143.2	
			47					198.4	
			48					132.4	
			49					115.2	
			50					107.1	
			51						
			52						
			53						
			54						
[Diagonal Hatching]	[Yellow]	Light gray CLAY, trace fine sand (wet)[CL]	50	S-6	SONIC	88		34.2	Staining from 50 to 51-ft bgs Moderate coal tar odor from 50 to 60-ft bgs Sheen from 51 to 56-ft bgs
			51					44.5	
			52					46.6	
			53					26.9	
			54					30.1	
			55					22.4	
			56					43.0	
			57					38.6	
			58					46.1	
			59					20.8	
[Dotted Pattern]	[Yellow]	Dark gray fine-medium SAND, trace clay, trace fine gravel (wet)[SP]	56	S-7	SONIC	100		23.5	
			57					17.6	
			58					16.2	
			59					8.5	
			60					14.1	
			61						
			62						
			63						
			64						
			65						
[Dotted Pattern]	[Green]	Dark gray fine-medium SAND, trace clay, trace fine gravel (wet)[SP]	60	S-7	SONIC	100		42.5	Strong coal tar odor from 65 to 70-ft bgs
			61					59.8	
			62					64.1	
			63					51.3	
			64					60.1	
			65					67.3	
			66					70.6	
			67					72.5	
			68					88.6	
			69					60.1	
[Diagonal Hatching]	[Red]	Red CLAY, trace fine gravel (wet)[CL]	65	S-7	SONIC	100		63.2	Coal tar saturation from 66 to 67-ft bgs
			66					90.5	
			67					134.2	
			68					98.6	
			69					56.2	
			70					56.2	
								56.2	
								56.2	
								56.2	
								56.2	
	56.2								
[Dotted Pattern]	[Yellow]	Dark gray fine-medium SAND, trace clay, trace fine gravel (wet)[SP-SC]	67	S-7	SONIC	100		56.2	Staining from 67 to 70-ft bgs
			68					66.1	
			69					74.3	
			70						

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Log of Boring

MW-34

Sheet

4

of

4

Project 210 Douglass Street	Project No. 100805201
Location Brooklyn, NY	Elevation and Datum Approximately +6 NAVD88

MATERIAL SYMBOL	COLOR CODE	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penetr. resist. BL/6in		PID (ppm)
		Brown gravelly SAND, trace clay (wet)[SW]	70					184.6	Coal tar saturation from 70 to 76-ft bgs. Strong coal tar odor from 70 to 76-ft bgs
			71					125.6	
			72					137.5	
			73					196.3	
			74					143.5	
			75					121.3	
			76					98.6	
			77					86.2	
			78					85.3	
			79					184.6	
	80						156.2		
	81						166.6		
	82						135.4		
	83						113.2		
	84						152.3		
	85						86.4		
	86						55.6		
	87								
	88								
	89								
90									
91									
92									
93									
94									
95									

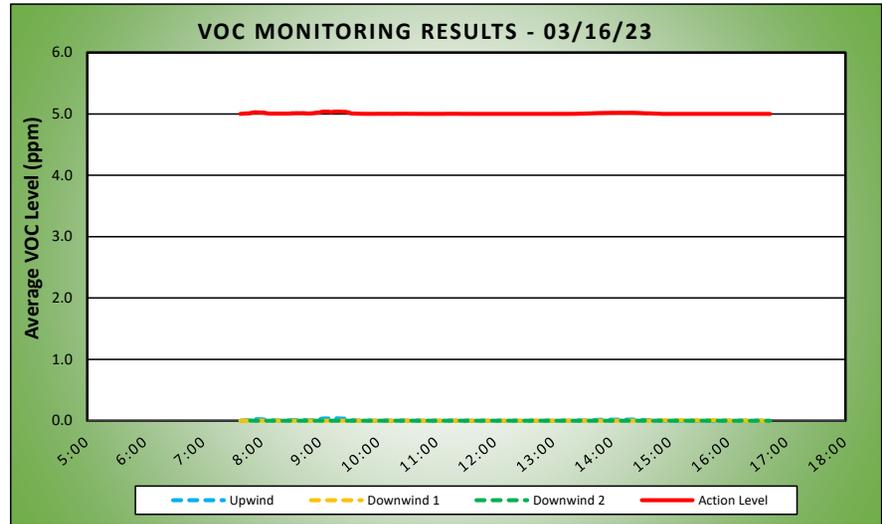
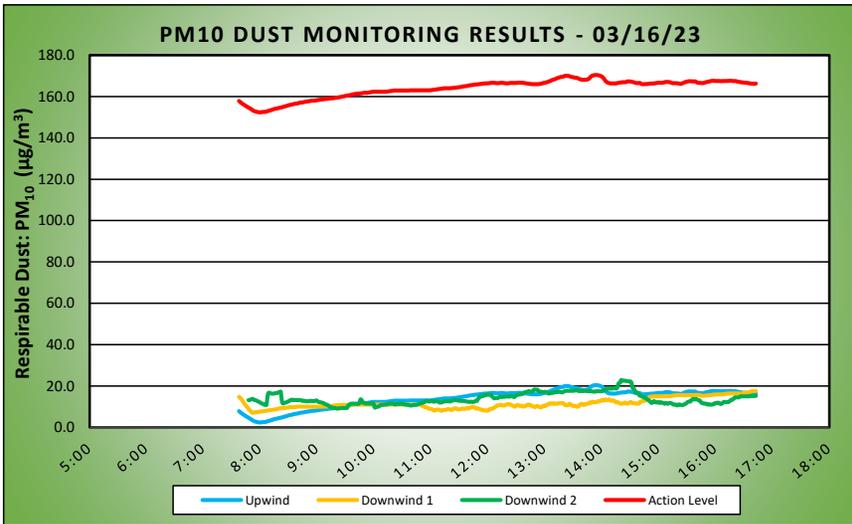
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Bottom of boring at 81-ft bgs on 3/16/2023 1:15 PM

	DAILY AIR MONITORING REPORT				03/16/23	
	479 Degraw Street				Project number: 100805202.400.114.0	
	Brooklyn, New York				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	WNW	Relative Humidity (%)	25.0 - 46.0	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	36.0 - 57.0	Wind Speed (MPH)	2.4 - 5.5	Barometer (inHg)	0.00 - 0.00			

Station Location Area	Work	Daily Avg. Dust Concentration (µg/m ³)	Max 15 Min Dust Concentration (µg/m ³)	Time of Maximum 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind		13.8	20.4	13:54	0.0	0.0	9:17
Downwind 1		11.7	17.6	16:41	0.0	0.0	15:45
Downwind 2		13.9	22.9	14:21	0.0	0.0	7:48



Air Monitoring Notes:

Sampling Notes:

Weather Notes:



Thursday, March 16, 2023

Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 = 0
 Number of Comparable Data Points = 546
 Start Time: 7:23
 End Time: 16:43

PARTICULATE DATA

Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
6:45	-	-	6:45	-	-	6:45	-	-	-
6:46	-	-	6:46	-	-	6:46	-	-	-
6:47	-	-	6:47	-	-	6:47	-	-	-
6:48	-	-	6:48	-	-	6:48	-	-	-
6:49	-	-	6:49	-	-	6:49	-	-	-
6:50	-	-	6:50	-	-	6:50	-	-	-
6:51	-	-	6:51	-	-	6:51	-	-	-
6:52	-	-	6:52	-	-	6:52	-	-	-
6:53	-	-	6:53	-	-	6:53	-	-	-
6:54	-	-	6:54	-	-	6:54	-	-	-
6:55	-	-	6:55	-	-	6:55	-	-	-
6:56	-	-	6:56	-	-	6:56	-	-	-
6:57	-	-	6:57	-	-	6:57	-	-	-
6:58	-	-	6:58	-	-	6:58	-	-	-
6:59	-	-	6:59	-	-	6:59	-	-	-
7:00	-	-	7:00	-	-	7:00	-	-	-
7:01	-	-	7:01	-	-	7:01	-	-	-
7:02	-	-	7:02	-	-	7:02	-	-	-
7:03	-	-	7:03	-	-	7:03	-	-	-
7:04	-	-	7:04	-	-	7:04	-	-	-
7:05	-	-	7:05	-	-	7:05	-	-	-
7:06	-	-	7:06	-	-	7:06	-	-	-
7:07	-	-	7:07	-	-	7:07	-	-	-
7:08	-	-	7:08	-	-	7:08	-	-	-
7:09	-	-	7:09	-	-	7:09	-	-	-
7:10	-	-	7:10	-	-	7:10	-	-	-
7:11	-	-	7:11	-	-	7:11	-	-	-
7:12	-	-	7:12	-	-	7:12	-	-	-
7:13	-	-	7:13	-	-	7:13	-	-	-
7:14	-	-	7:14	-	-	7:14	-	-	-
7:15	-	-	7:15	-	-	7:15	-	-	-
7:16	-	-	7:16	-	-	7:16	-	-	-
7:17	-	-	7:17	-	-	7:17	-	-	-
7:18	-	-	7:18	-	-	7:18	-	-	-
7:19	-	-	7:19	-	-	7:19	-	-	-
7:20	-	-	7:20	-	-	7:20	-	-	-
7:21	-	-	7:21	-	-	7:21	-	-	-
7:22	-	-	7:22	-	-	7:22	-	-	-
7:23	13.0	-	7:23	12.3	-	7:23	-	-	-
7:24	11.8	-	7:24	13.0	-	7:24	-	-	-
7:25	10.3	-	7:25	15.3	-	7:25	-	-	-
7:26	9.0	-	7:26	15.0	-	7:26	-	-	-
7:27	8.8	-	7:27	16.5	-	7:27	-	-	-
7:28	8.0	-	7:28	17.0	-	7:28	-	-	-
7:29	7.5	-	7:29	17.0	-	7:29	-	-	-
7:30	7.0	-	7:30	16.3	-	7:30	-	-	-
7:31	7.0	-	7:31	15.8	-	7:31	-	-	-
7:32	7.0	-	7:32	15.5	-	7:32	-	-	-
7:33	7.0	-	7:33	15.3	-	7:33	18.8	-	-
7:34	7.0	-	7:34	15.0	-	7:34	13.5	-	-
7:35	7.0	-	7:35	14.0	-	7:35	10.3	-	-
7:36	7.0	-	7:36	14.8	-	7:36	8.3	-	-
7:37	7.0	-	7:37	14.0	-	7:37	7.5	-	-
7:38	6.5	7.9	7:38	7.0	14.8	7:38	14.3	-	-
7:39	5.5	7.4	7:39	7.0	14.4	7:39	15.5	-	-
7:40	4.3	7.0	7:40	7.0	13.8	7:40	13.5	-	-
7:41	4.0	6.7	7:41	7.0	13.3	7:41	14.5	-	-
7:42	4.0	6.4	7:42	7.0	12.6	7:42	16.3	-	-
7:43	3.3	6.1	7:43	7.0	12.0	7:43	15.0	-	-
7:44	3.0	5.8	7:44	7.0	11.3	7:44	14.8	-	-
7:45	3.0	5.5	7:45	7.0	10.7	7:45	14.3	-	-
7:46	2.8	5.2	7:46	7.0	10.1	7:46	14.3	-	-
7:47	2.5	4.9	7:47	7.0	9.5	7:47	13.8	-	-
7:48	3.0	4.7	7:48	7.0	9.0	7:48	12.3	13.2	-
7:49	3.0	4.4	7:49	7.0	8.5	7:49	13.3	13.2	-
7:50	3.0	4.1	7:50	7.0	8.0	7:50	13.3	13.4	-
7:51	2.8	3.8	7:51	7.0	7.5	7:51	11.5	13.6	-
7:52	2.0	3.5	7:52	7.8	7.1	7:52	11.0	13.8	-

PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
7:53	2.0	3.2	7:53	8.0	7.1	7:53	11.0	13.6	-
7:54	2.0	3.0	7:54	8.0	7.2	7:54	11.0	13.3	-
7:55	2.0	2.8	7:55	8.0	7.3	7:55	11.0	13.1	-
7:56	2.0	2.7	7:56	8.0	7.3	7:56	13.3	13.1	-
7:57	2.0	2.6	7:57	8.0	7.4	7:57	12.0	12.8	-
7:58	2.0	2.5	7:58	8.0	7.5	7:58	12.0	12.6	-
7:59	2.0	2.4	7:59	8.0	7.5	7:59	11.5	12.4	-
8:00	2.5	2.4	8:00	8.0	7.6	8:00	10.3	12.1	-
8:01	3.0	2.4	8:01	8.0	7.7	8:01	10.0	11.8	-
8:02	3.8	2.5	8:02	8.0	7.7	8:02	10.0	11.6	-
8:03	4.0	2.5	8:03	8.0	7.8	8:03	10.0	11.4	-
8:04	3.0	2.5	8:04	8.0	7.9	8:04	9.0	11.1	-
8:05	3.3	2.6	8:05	8.0	7.9	8:05	10.5	10.9	-
8:06	4.0	2.6	8:06	8.0	8.0	8:06	11.0	10.9	-
8:07	4.0	2.8	8:07	8.8	8.1	8:07	10.3	10.9	-
8:08	4.0	2.9	8:08	9.0	8.1	8:08	68.8	14.7	-
8:09	4.0	3.0	8:09	9.0	8.2	8:09	40.0	16.6	-
8:10	4.0	3.2	8:10	9.0	8.3	8:10	12.3	16.7	-
8:11	4.0	3.3	8:11	9.0	8.3	8:11	10.0	16.5	-
8:12	4.5	3.5	8:12	9.0	8.4	8:12	10.0	16.4	-
8:13	4.3	3.6	8:13	9.0	8.5	8:13	11.0	16.3	-
8:14	4.8	3.8	8:14	9.0	8.5	8:14	11.0	16.3	-
8:15	4.5	3.9	8:15	9.0	8.6	8:15	11.3	16.3	-
8:16	5.0	4.1	8:16	9.0	8.7	8:16	12.3	16.5	-
8:17	5.0	4.2	8:17	9.1	8.7	8:17	11.3	16.6	-
8:18	5.0	4.2	8:18	10.0	8.9	8:18	11.0	16.6	-
8:19	5.0	4.4	8:19	10.0	9.0	8:19	11.0	16.8	-
8:20	5.0	4.5	8:20	10.0	9.1	8:20	15.0	17.1	-
8:21	5.0	4.5	8:21	9.8	9.2	8:21	11.0	17.1	-
8:22	5.8	4.7	8:22	9.0	9.3	8:22	12.5	17.2	-
8:23	6.0	4.8	8:23	9.0	9.3	8:23	12.3	13.5	-
8:24	6.0	4.9	8:24	9.3	9.3	8:24	12.3	11.6	-
8:25	6.0	5.1	8:25	9.3	9.3	8:25	13.0	11.7	-
8:26	6.0	5.2	8:26	10.0	9.4	8:26	12.5	11.8	-
8:27	6.0	5.3	8:27	10.0	9.4	8:27	12.5	12.0	-
8:28	6.5	5.4	8:28	10.0	9.5	8:28	13.3	12.1	-
8:29	6.8	5.6	8:29	10.0	9.6	8:29	13.8	12.3	-
8:30	7.0	5.7	8:30	10.0	9.6	8:30	15.5	12.6	-
8:31	7.0	5.9	8:31	10.0	9.7	8:31	14.3	12.7	-
8:32	6.3	6.0	8:32	10.0	9.8	8:32	16.5	13.1	-
8:33	6.3	6.0	8:33	10.0	9.8	8:33	14.0	13.3	-
8:34	6.8	6.2	8:34	10.0	9.8	8:34	12.5	13.4	-
8:35	7.0	6.3	8:35	10.0	9.8	8:35	12.0	13.2	-
8:36	7.0	6.4	8:36	10.0	9.8	8:36	12.0	13.3	-
8:37	7.0	6.5	8:37	10.0	9.8	8:37	12.0	13.2	-
8:38	7.0	6.6	8:38	10.0	9.9	8:38	12.0	13.2	-
8:39	7.0	6.6	8:39	10.0	10.0	8:39	12.0	13.2	-
8:40	7.0	6.7	8:40	10.0	10.0	8:40	12.0	13.1	-
8:41	8.0	6.8	8:41	10.0	10.0	8:41	12.8	13.1	-
8:42	8.0	7.0	8:42	10.0	10.0	8:42	13.0	13.2	-
8:43	8.0	7.1	8:43	10.0	10.0	8:43	12.5	13.1	-
8:44	7.8	7.1	8:44	10.0	10.0	8:44	12.0	13.0	-
8:45	7.5	7.2	8:45	10.0	10.0	8:45	11.8	12.8	-
8:46	8.0	7.2	8:46	10.0	10.0	8:46	16.5	12.9	-
8:47	8.0	7.4	8:47	10.0	10.0	8:47	15.5	12.8	-
8:48	8.0	7.5	8:48	10.0	10.0	8:48	12.3	12.7	-
8:49	8.0	7.6	8:49	10.0	10.0	8:49	11.3	12.6	-
8:50	8.0	7.6	8:50	10.0	10.0	8:50	11.8	12.6	-
8:51	8.0	7.7	8:51	10.0	10.0	8:51	12.0	12.6	-
8:52	8.0	7.8	8:52	10.0	10.0	8:52	13.0	12.7	-
8:53	8.3	7.8	8:53	10.0	10.0	8:53	14.3	12.8	-
8:54	8.3	7.9	8:54	10.0	10.0	8:54	11.3	12.8	-
8:55	8.3	8.0	8:55	10.0	10.0	8:55	11.0	12.7	-
8:56	8.0	8.0	8:56	10.0	10.0	8:56	12.5	12.7	-
8:57	8.3	8.0	8:57	10.0	10.0	8:57	12.0	12.6	-
8:58	8.3	8.0	8:58	10.0	10.0	8:58	15.5	12.8	-
8:59	9.0	8.1	8:59	10.0	10.0	8:59	13.8	13.0	-
9:00	9.0	8.2	9:00	10.0	10.0	9:00	11.8	13.0	-
9:01	9.0	8.3	9:01	10.0	10.0	9:01	10.8	12.6	-
9:02	9.0	8.4	9:02	10.0	10.0	9:02	11.0	12.3	-
9:03	9.0	8.4	9:03	10.0	10.0	9:03	11.0	12.2	-
9:04	9.0	8.5	9:04	10.0	10.0	9:04	10.0	12.1	-
9:05	9.0	8.6	9:05	10.0	10.0	9:05	10.0	12.0	-
9:06	9.0	8.6	9:06	10.0	10.0	9:06	11.0	11.9	-
9:07	9.0	8.7	9:07	10.0	10.0	9:07	10.0	11.7	-
9:08	9.0	8.7	9:08	10.8	10.1	9:08	9.5	11.4	-

PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
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 ($\mu\text{g}/\text{m}^3$)	
9:09	9.0	8.8	9:09	10.0	10.1	9:09	8.8	11.2	-
9:10	9.0	8.8	9:10	10.0	10.1	9:10	8.5	11.1	-
9:11	9.0	8.9	9:11	10.5	10.1	9:11	9.0	10.8	-
9:12	9.0	9.0	9:12	10.5	10.1	9:12	9.0	10.6	-
9:13	9.8	9.1	9:13	11.0	10.2	9:13	9.0	10.2	-
9:14	10.0	9.1	9:14	11.0	10.3	9:14	8.8	9.9	-
9:15	9.3	9.1	9:15	11.0	10.3	9:15	9.0	9.7	-
9:16	9.0	9.1	9:16	11.0	10.4	9:16	9.0	9.6	-
9:17	9.8	9.2	9:17	11.0	10.5	9:17	9.5	9.5	-
9:18	10.0	9.3	9:18	11.0	10.5	9:18	9.8	9.4	-
9:19	10.0	9.3	9:19	10.9	10.6	9:19	9.3	9.3	-
9:20	10.0	9.4	9:20	11.0	10.6	9:20	9.0	9.3	-
9:21	10.0	9.5	9:21	11.0	10.7	9:21	9.0	9.1	-
9:22	10.0	9.5	9:22	10.5	10.7	9:22	9.0	9.1	-
9:23	10.0	9.6	9:23	10.0	10.7	9:23	11.0	9.2	-
9:24	10.0	9.7	9:24	10.8	10.7	9:24	9.0	9.2	-
9:25	11.0	9.8	9:25	10.5	10.8	9:25	9.5	9.3	-
9:26	10.0	9.9	9:26	11.0	10.8	9:26	9.8	9.3	-
9:27	11.0	10.0	9:27	10.9	10.8	9:27	10.0	9.4	-
9:28	11.0	10.1	9:28	11.0	10.8	9:28	8.8	9.4	-
9:29	11.0	10.1	9:29	11.0	10.8	9:29	9.0	9.4	-
9:30	11.0	10.3	9:30	11.0	10.8	9:30	9.0	9.4	-
9:31	11.0	10.4	9:31	11.0	10.8	9:31	9.0	9.4	-
9:32	11.0	10.5	9:32	11.0	10.8	9:32	10.5	9.4	-
9:33	11.0	10.5	9:33	11.0	10.8	9:33	24.3	10.4	-
9:34	11.0	10.6	9:34	11.0	10.8	9:34	18.0	11.0	-
9:35	10.3	10.6	9:35	11.0	10.8	9:35	10.8	11.1	-
9:36	12.0	10.8	9:36	11.0	10.8	9:36	13.3	11.4	-
9:37	12.8	10.9	9:37	11.0	10.9	9:37	10.3	11.5	-
9:38	11.5	11.0	9:38	11.0	10.9	9:38	10.8	11.5	-
9:39	11.0	11.1	9:39	11.0	11.0	9:39	9.3	11.5	-
9:40	11.8	11.2	9:40	11.0	11.0	9:40	9.0	11.4	-
9:41	12.0	11.3	9:41	11.0	11.0	9:41	9.0	11.4	-
9:42	12.0	11.4	9:42	11.0	11.0	9:42	9.8	11.4	-
9:43	11.0	11.4	9:43	11.0	11.0	9:43	9.0	11.4	-
9:44	11.3	11.4	9:44	11.0	11.0	9:44	9.0	11.4	-
9:45	12.0	11.4	9:45	11.0	11.0	9:45	13.8	11.7	-
9:46	12.0	11.5	9:46	11.0	11.0	9:46	35.3	13.5	-
9:47	12.0	11.6	9:47	11.0	11.0	9:47	10.0	13.4	-
9:48	12.0	11.6	9:48	11.0	11.0	9:48	9.3	12.4	-
9:49	12.0	11.7	9:49	11.0	11.0	9:49	9.8	11.9	-
9:50	12.0	11.8	9:50	11.0	11.0	9:50	10.0	11.8	-
9:51	12.0	11.8	9:51	11.0	11.0	9:51	10.0	11.6	-
9:52	12.0	11.8	9:52	11.0	11.0	9:52	9.5	11.6	-
9:53	12.0	11.8	9:53	11.0	11.0	9:53	10.0	11.5	-
9:54	12.0	11.9	9:54	11.0	11.0	9:54	9.0	11.5	-
9:55	13.3	12.0	9:55	11.0	11.0	9:55	9.0	11.5	-
9:56	13.0	12.0	9:56	11.0	11.0	9:56	9.0	11.5	-
9:57	13.0	12.1	9:57	11.0	11.0	9:57	9.5	11.5	-
9:58	13.0	12.2	9:58	11.0	11.0	9:58	10.0	11.5	-
9:59	12.3	12.3	9:59	11.0	11.0	9:59	9.8	11.6	-
10:00	12.0	12.3	10:00	11.0	11.0	10:00	9.5	11.3	-
10:01	12.0	12.3	10:01	11.0	11.0	10:01	10.0	9.6	-
10:02	12.0	12.3	10:02	11.0	11.0	10:02	10.0	9.6	-
10:03	12.0	12.3	10:03	11.0	11.0	10:03	13.0	9.9	-
10:04	12.0	12.3	10:04	11.0	11.0	10:04	11.0	10.0	-
10:05	12.0	12.3	10:05	11.0	11.0	10:05	11.3	10.0	-
10:06	12.0	12.3	10:06	11.0	11.0	10:06	13.5	10.3	-
10:07	12.0	12.3	10:07	11.0	11.0	10:07	15.3	10.7	-
10:08	12.0	12.3	10:08	11.0	11.0	10:08	12.3	10.8	-
10:09	12.5	12.3	10:09	11.0	11.0	10:09	10.0	10.9	-
10:10	13.0	12.3	10:10	11.0	11.0	10:10	10.0	10.9	-
10:11	13.0	12.3	10:11	11.0	11.0	10:11	10.0	11.0	-
10:12	13.3	12.3	10:12	11.0	11.0	10:12	9.8	11.0	-
10:13	13.0	12.3	10:13	11.0	11.0	10:13	10.0	11.0	-
10:14	13.0	12.4	10:14	11.0	11.0	10:14	10.8	11.1	-
10:15	13.0	12.5	10:15	11.0	11.0	10:15	12.5	11.3	-
10:16	13.0	12.5	10:16	11.0	11.0	10:16	12.0	11.4	-
10:17	13.0	12.6	10:17	11.0	11.0	10:17	11.8	11.5	-
10:18	13.0	12.7	10:18	11.0	11.0	10:18	11.5	11.4	-
10:19	13.0	12.7	10:19	11.0	11.0	10:19	12.0	11.5	-
10:20	13.0	12.8	10:20	11.0	11.0	10:20	11.0	11.5	-
10:21	13.0	12.9	10:21	11.0	11.0	10:21	10.8	11.3	-
10:22	13.0	12.9	10:22	11.0	11.0	10:22	12.8	11.1	-
10:23	12.0	12.9	10:23	11.0	11.0	10:23	11.8	11.1	-
10:24	12.5	12.9	10:24	11.0	11.0	10:24	12.0	11.2	-

PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
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 ($\mu\text{g}/\text{m}^3$)	
10:25	13.0	12.9	10:25	11.0	11.0	10:25	11.3	11.3	-
10:26	13.0	12.9	10:26	11.0	11.0	10:26	10.0	11.3	-
10:27	13.0	12.9	10:27	11.0	11.0	10:27	10.0	11.3	-
10:28	13.0	12.9	10:28	11.0	11.0	10:28	11.0	11.4	-
10:29	13.0	12.9	10:29	11.0	11.0	10:29	12.5	11.5	-
10:30	13.0	12.9	10:30	11.0	11.0	10:30	10.5	11.4	-
10:31	13.0	12.9	10:31	11.0	11.0	10:31	10.0	11.3	-
10:32	13.0	12.9	10:32	11.0	11.0	10:32	10.0	11.1	-
10:33	13.0	12.9	10:33	11.0	11.0	10:33	10.8	11.1	-
10:34	13.0	12.9	10:34	11.0	11.0	10:34	10.3	11.0	-
10:35	13.0	12.9	10:35	11.0	11.0	10:35	10.8	11.0	-
10:36	13.0	12.9	10:36	11.0	11.0	10:36	10.3	10.9	-
10:37	13.0	12.9	10:37	11.0	11.0	10:37	10.0	10.7	-
10:38	13.0	13.0	10:38	11.0	11.0	10:38	10.5	10.7	-
10:39	13.0	13.0	10:39	11.0	11.0	10:39	11.0	10.6	-
10:40	13.0	13.0	10:40	11.0	11.0	10:40	11.3	10.6	-
10:41	13.0	13.0	10:41	11.0	11.0	10:41	11.0	10.7	-
10:42	13.0	13.0	10:42	11.0	11.0	10:42	13.0	10.9	-
10:43	13.0	13.0	10:43	11.0	11.0	10:43	12.0	10.9	-
10:44	13.0	13.0	10:44	11.0	11.0	10:44	11.5	10.9	-
10:45	13.0	13.0	10:45	11.0	11.0	10:45	11.0	10.9	-
10:46	13.0	13.0	10:46	11.0	11.0	10:46	12.3	11.0	-
10:47	13.0	13.0	10:47	11.0	11.0	10:47	13.3	11.3	-
10:48	13.0	13.0	10:48	11.0	11.0	10:48	12.8	11.4	-
10:49	13.0	13.0	10:49	11.0	11.0	10:49	13.0	11.6	-
10:50	13.3	13.0	10:50	5.5	10.6	10:50	12.0	11.7	-
10:51	13.0	13.0	10:51	8.3	10.5	10:51	12.3	11.8	-
10:52	13.0	13.0	10:52	8.3	10.3	10:52	13.0	12.0	-
10:53	13.0	13.0	10:53	8.3	10.1	10:53	12.8	12.1	-
10:54	13.0	13.0	10:54	5.5	9.7	10:54	14.0	12.3	-
10:55	13.0	13.0	10:55	11.0	9.7	10:55	16.0	12.7	-
10:56	13.0	13.0	10:56	8.3	9.5	10:56	12.0	12.7	-
10:57	13.0	13.0	10:57	8.3	9.4	10:57	11.0	12.6	-
10:58	13.0	13.0	10:58	5.5	9.0	10:58	10.8	12.5	-
10:59	13.0	13.0	10:59	11.0	9.0	10:59	11.8	12.5	-
11:00	13.5	13.1	11:00	11.0	9.0	11:00	12.5	12.6	-
11:01	14.0	13.1	11:01	8.3	8.8	11:01	12.8	12.7	-
11:02	14.0	13.2	11:02	8.3	8.6	11:02	12.3	12.6	-
11:03	14.0	13.3	11:03	5.5	8.3	11:03	11.0	12.5	-
11:04	14.0	13.3	11:04	8.3	8.1	11:04	12.5	12.4	-
11:05	14.0	13.4	11:05	11.0	8.4	11:05	15.3	12.7	-
11:06	14.0	13.4	11:06	8.3	8.4	11:06	12.3	12.7	-
11:07	14.0	13.5	11:07	11.0	8.6	11:07	11.0	12.5	-
11:08	14.0	13.6	11:08	8.3	8.6	11:08	11.0	12.4	-
11:09	14.0	13.6	11:09	2.8	8.4	11:09	11.0	12.2	-
11:10	14.0	13.7	11:10	8.3	8.3	11:10	12.3	12.0	-
11:11	14.0	13.8	11:11	5.5	8.1	11:11	13.8	12.1	-
11:12	14.0	13.8	11:12	8.3	8.1	11:12	11.5	12.1	-
11:13	14.0	13.9	11:13	11.0	8.4	11:13	14.0	12.3	-
11:14	14.0	14.0	11:14	11.0	8.4	11:14	16.3	12.6	-
11:15	14.0	14.0	11:15	11.0	8.4	11:15	12.3	12.6	-
11:16	14.0	14.0	11:16	8.3	8.4	11:16	11.8	12.5	-
11:17	14.0	14.0	11:17	11.0	8.6	11:17	13.0	12.6	-
11:18	14.0	14.0	11:18	8.3	8.8	11:18	13.0	12.7	-
11:19	14.0	14.0	11:19	8.3	8.8	11:19	12.3	12.7	-
11:20	14.0	14.0	11:20	8.3	8.6	11:20	12.0	12.5	-
11:21	14.3	14.0	11:21	8.3	8.6	11:21	13.8	12.6	-
11:22	14.8	14.1	11:22	8.3	8.4	11:22	14.3	12.8	-
11:23	15.0	14.1	11:23	8.3	8.4	11:23	12.3	12.9	-
11:24	14.5	14.2	11:24	11.0	9.0	11:24	13.8	13.1	-
11:25	14.0	14.2	11:25	11.0	9.2	11:25	14.0	13.2	-
11:26	15.0	14.2	11:26	5.5	9.2	11:26	13.3	13.2	-
11:27	15.0	14.3	11:27	8.8	9.2	11:27	12.0	13.2	-
11:28	15.0	14.4	11:28	5.5	8.8	11:28	12.0	13.1	-
11:29	15.0	14.4	11:29	8.5	8.7	11:29	14.3	12.9	-
11:30	15.0	14.5	11:30	11.3	8.7	11:30	12.0	12.9	-
11:31	15.0	14.6	11:31	9.0	8.7	11:31	12.0	12.9	-
11:32	15.0	14.6	11:32	12.0	8.8	11:32	11.3	12.8	-
11:33	15.0	14.7	11:33	12.0	9.1	11:33	12.0	12.7	-
11:34	15.8	14.8	11:34	9.0	9.1	11:34	13.0	12.8	-
11:35	15.5	14.9	11:35	6.0	9.0	11:35	12.0	12.8	-
11:36	15.0	15.0	11:36	9.0	9.0	11:36	12.3	12.7	-
11:37	15.5	15.0	11:37	9.0	9.1	11:37	12.3	12.6	-
11:38	16.0	15.1	11:38	12.0	9.3	11:38	12.3	12.6	-
11:39	16.0	15.2	11:39	12.0	9.4	11:39	12.3	12.5	-
11:40	16.0	15.3	11:40	6.0	9.0	11:40	12.5	12.4	-

PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
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 ($\mu\text{g}/\text{m}^3$)	
11:41	16.0	15.4	11:41	12.0	9.5	11:41	12.3	12.3	-
11:42	16.0	15.5	11:42	9.0	9.5	11:42	13.8	12.4	-
11:43	16.0	15.5	11:43	9.0	9.7	11:43	12.3	12.4	-
11:44	16.0	15.6	11:44	12.0	10.0	11:44	12.0	12.3	-
11:45	16.0	15.7	11:45	9.0	9.8	11:45	12.8	12.3	-
11:46	16.0	15.7	11:46	9.0	9.8	11:46	13.3	12.4	-
11:47	16.0	15.8	11:47	6.0	9.4	11:47	15.3	12.7	-
11:48	16.0	15.9	11:48	6.0	9.0	11:48	14.0	12.8	-
11:49	16.0	15.9	11:49	12.0	9.2	11:49	13.0	12.8	-
11:50	16.0	15.9	11:50	6.0	9.2	11:50	26.3	13.8	-
11:51	16.0	16.0	11:51	6.0	9.0	11:51	18.8	14.2	-
11:52	16.3	16.0	11:52	6.0	8.8	11:52	22.0	14.8	-
11:53	17.0	16.1	11:53	9.0	8.6	11:53	14.0	15.0	-
11:54	17.0	16.2	11:54	9.0	8.4	11:54	12.5	15.0	-
11:55	17.0	16.2	11:55	6.0	8.4	11:55	14.8	15.1	-
11:56	17.0	16.3	11:56	9.0	8.2	11:56	15.5	15.3	-
11:57	16.5	16.3	11:57	9.0	8.2	11:57	14.8	15.4	-
11:58	16.8	16.4	11:58	9.0	8.2	11:58	14.8	15.6	-
11:59	16.0	16.4	11:59	9.0	8.0	11:59	14.0	15.7	-
12:00	16.3	16.4	12:00	12.0	8.2	12:00	14.5	15.8	-
12:01	16.5	16.4	12:01	9.0	8.2	12:01	13.3	15.8	-
12:02	17.0	16.5	12:02	12.0	8.6	12:02	14.0	15.7	-
12:03	17.0	16.6	12:03	12.0	9.0	12:03	14.0	15.7	-
12:04	17.0	16.6	12:04	9.0	8.8	12:04	13.0	15.7	-
12:05	16.5	16.7	12:05	9.5	9.0	12:05	13.8	14.9	-
12:06	16.0	16.7	12:06	9.8	9.3	12:06	13.3	14.5	-
12:07	16.0	16.6	12:07	9.8	9.5	12:07	14.5	14.0	-
12:08	16.0	16.6	12:08	13.0	9.8	12:08	14.8	14.1	-
12:09	16.0	16.5	12:09	13.0	10.1	12:09	14.0	14.2	-
12:10	16.5	16.5	12:10	13.0	10.5	12:10	15.0	14.2	-
12:11	17.0	16.5	12:11	9.8	10.6	12:11	15.5	14.2	-
12:12	17.3	16.5	12:12	10.0	10.7	12:12	19.0	14.5	-
12:13	17.0	16.5	12:13	10.0	10.7	12:13	18.8	14.8	-
12:14	17.0	16.6	12:14	13.0	11.0	12:14	13.8	14.7	-
12:15	17.0	16.7	12:15	6.5	10.6	12:15	14.0	14.7	-
12:16	16.0	16.6	12:16	9.8	10.7	12:16	14.0	14.8	-
12:17	16.0	16.6	12:17	9.8	10.5	12:17	14.0	14.8	-
12:18	16.0	16.5	12:18	13.0	10.6	12:18	14.5	14.8	-
12:19	16.0	16.4	12:19	13.0	10.9	12:19	14.5	14.9	-
12:20	16.0	16.4	12:20	13.0	11.1	12:20	13.8	14.9	-
12:21	16.0	16.4	12:21	9.8	11.1	12:21	14.0	14.9	-
12:22	16.5	16.4	12:22	13.0	11.3	12:22	14.0	14.9	-
12:23	17.0	16.5	12:23	9.8	11.1	12:23	14.0	14.9	-
12:24	17.0	16.6	12:24	13.0	11.1	12:24	15.3	14.9	-
12:25	17.0	16.6	12:25	9.8	10.9	12:25	18.8	15.2	-
12:26	17.0	16.6	12:26	6.5	10.7	12:26	15.3	15.2	-
12:27	17.0	16.6	12:27	6.5	10.4	12:27	14.3	14.9	-
12:28	17.0	16.6	12:28	6.5	10.2	12:28	15.5	14.6	-
12:29	17.0	16.6	12:29	9.8	10.0	12:29	17.5	14.9	-
12:30	17.0	16.6	12:30	13.0	10.4	12:30	20.8	15.3	-
12:31	16.8	16.6	12:31	13.0	10.6	12:31	17.0	15.5	-
12:32	17.0	16.7	12:32	13.0	10.8	12:32	17.0	15.7	-
12:33	16.0	16.7	12:33	9.8	10.6	12:33	15.8	15.8	-
12:34	16.0	16.7	12:34	9.8	10.4	12:34	15.5	15.9	-
12:35	16.0	16.7	12:35	13.5	10.4	12:35	15.3	16.0	-
12:36	16.0	16.7	12:36	10.3	10.5	12:36	16.0	16.1	-
12:37	16.0	16.7	12:37	7.0	10.1	12:37	15.8	16.2	-
12:38	16.0	16.6	12:38	10.5	10.1	12:38	15.8	16.4	-
12:39	16.0	16.5	12:39	14.0	10.2	12:39	24.0	16.9	-
12:40	15.8	16.4	12:40	10.5	10.2	12:40	19.8	17.0	-
12:41	16.0	16.4	12:41	14.0	10.7	12:41	16.5	17.1	-
12:42	16.0	16.3	12:42	7.0	10.8	12:42	16.5	17.2	-
12:43	16.0	16.2	12:43	10.5	11.0	12:43	18.0	17.4	-
12:44	16.0	16.2	12:44	7.0	10.9	12:44	19.0	17.5	-
12:45	16.0	16.1	12:45	14.0	10.9	12:45	15.5	17.2	-
12:46	16.0	16.1	12:46	7.0	10.5	12:46	17.0	17.2	-
12:47	16.0	16.0	12:47	10.5	10.4	12:47	18.3	17.2	-
12:48	16.0	16.0	12:48	7.0	10.2	12:48	22.8	17.7	-
12:49	16.0	16.0	12:49	7.0	10.0	12:49	23.3	18.2	-
12:50	16.0	16.0	12:50	10.5	9.8	12:50	16.3	18.3	-
12:51	16.0	16.0	12:51	14.0	10.0	12:51	15.0	18.2	-
12:52	16.0	16.0	12:52	10.5	10.3	12:52	15.0	18.2	-
12:53	16.0	16.0	12:53	10.5	10.3	12:53	15.0	18.1	-
12:54	16.3	16.0	12:54	10.5	10.0	12:54	15.0	17.5	-
12:55	17.0	16.1	12:55	7.0	9.8	12:55	15.8	17.3	-
12:56	17.0	16.2	12:56	10.5	9.6	12:56	16.0	17.2	-

PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
12:57	17.8	16.3	12:57	10.5	9.8	12:57	16.5	17.2	-
12:58	18.0	16.4	12:58	14.0	10.0	12:58	16.8	17.1	-
12:59	18.0	16.5	12:59	14.0	10.5	12:59	17.3	17.0	-
13:00	17.5	16.6	13:00	10.5	10.3	13:00	17.0	17.1	-
13:01	17.3	16.7	13:01	10.5	10.5	13:01	17.8	17.2	-
13:02	18.0	16.9	13:02	10.5	10.5	13:02	17.5	17.1	-
13:03	18.0	17.0	13:03	14.0	11.0	13:03	17.5	16.8	-
13:04	18.3	17.1	13:04	10.5	11.2	13:04	17.8	16.4	-
13:05	19.0	17.3	13:05	14.0	11.4	13:05	16.0	16.4	-
13:06	18.0	17.5	13:06	14.0	11.4	13:06	16.0	16.5	-
13:07	19.5	17.7	13:07	14.0	11.7	13:07	16.0	16.5	-
13:08	19.5	17.9	13:08	7.0	11.4	13:08	16.3	16.6	-
13:09	19.0	18.1	13:09	10.5	11.4	13:09	17.0	16.7	-
13:10	18.8	18.2	13:10	10.5	11.7	13:10	17.0	16.8	-
13:11	19.0	18.4	13:11	7.0	11.4	13:11	17.5	16.9	-
13:12	20.8	18.6	13:12	10.5	11.4	13:12	18.0	17.0	-
13:13	21.8	18.8	13:13	14.0	11.4	13:13	16.8	17.0	-
13:14	20.3	19.0	13:14	14.0	11.4	13:14	18.0	17.1	-
13:15	19.3	19.1	13:15	14.0	11.7	13:15	18.3	17.2	-
13:16	20.0	19.3	13:16	10.5	11.7	13:16	18.0	17.2	-
13:17	20.0	19.4	13:17	10.8	11.7	13:17	16.5	17.1	-
13:18	19.3	19.5	13:18	14.0	11.7	13:18	16.0	17.0	-
13:19	19.0	19.5	13:19	10.5	11.7	13:19	16.8	16.9	-
13:20	20.3	19.6	13:20	14.0	11.7	13:20	19.0	17.1	-
13:21	22.0	19.9	13:21	7.0	11.2	13:21	20.3	17.4	-
13:22	21.0	20.0	13:22	7.0	10.8	13:22	18.5	17.6	-
13:23	19.5	20.0	13:23	7.3	10.8	13:23	17.5	17.7	-
13:24	19.0	20.0	13:24	7.5	10.6	13:24	17.0	17.7	-
13:25	18.3	20.0	13:25	15.0	10.9	13:25	17.0	17.7	-
13:26	18.0	19.9	13:26	14.0	11.3	13:26	17.5	17.7	-
13:27	18.5	19.7	13:27	10.5	11.3	13:27	18.0	17.7	-
13:28	18.3	19.5	13:28	7.0	10.9	13:28	17.5	17.7	-
13:29	19.0	19.4	13:29	10.5	10.6	13:29	17.0	17.7	-
13:30	19.0	19.4	13:30	10.5	10.4	13:30	18.3	17.7	-
13:31	18.0	19.3	13:31	10.5	10.4	13:31	19.3	17.7	-
13:32	18.0	19.1	13:32	10.5	10.4	13:32	17.3	17.8	-
13:33	18.0	19.1	13:33	10.5	10.2	13:33	17.8	17.9	-
13:34	18.5	19.0	13:34	10.5	10.2	13:34	17.0	17.9	-
13:35	18.5	18.9	13:35	10.5	9.9	13:35	17.0	17.8	-
13:36	18.8	18.7	13:36	11.0	10.2	13:36	17.3	17.6	-
13:37	18.0	18.5	13:37	15.0	10.7	13:37	18.0	17.6	-
13:38	17.3	18.3	13:38	11.3	11.0	13:38	17.3	17.5	-
13:39	17.0	18.2	13:39	14.0	11.4	13:39	17.3	17.6	-
13:40	17.0	18.1	13:40	10.8	11.1	13:40	17.8	17.6	-
13:41	17.3	18.1	13:41	10.5	10.9	13:41	17.0	17.6	-
13:42	18.8	18.1	13:42	9.3	10.8	13:42	18.5	17.6	-
13:43	18.5	18.1	13:43	14.0	11.3	13:43	17.8	17.6	-
13:44	19.5	18.1	13:44	10.8	11.3	13:44	17.0	17.6	-
13:45	20.8	18.3	13:45	11.3	11.4	13:45	17.3	17.6	-
13:46	19.0	18.3	13:46	11.3	11.4	13:46	17.8	17.5	-
13:47	23.3	18.7	13:47	15.0	11.7	13:47	18.3	17.5	-
13:48	24.5	19.1	13:48	15.0	12.0	13:48	17.0	17.5	-
13:49	26.5	19.6	13:49	7.5	11.8	13:49	17.0	17.5	-
13:50	23.3	20.0	13:50	15.0	12.1	13:50	16.8	17.5	-
13:51	21.8	20.2	13:51	15.0	12.4	13:51	16.0	17.4	-
13:52	19.8	20.3	13:52	11.3	12.1	13:52	16.3	17.3	-
13:53	18.5	20.4	13:53	11.3	12.1	13:53	17.3	17.3	-
13:54	17.8	20.4	13:54	15.0	12.2	13:54	19.5	17.4	-
13:55	17.0	20.4	13:55	11.3	12.2	13:55	17.3	17.4	-
13:56	17.0	20.4	13:56	15.0	12.5	13:56	19.5	17.5	-
13:57	17.0	20.3	13:57	11.3	12.7	13:57	17.8	17.5	-
13:58	17.0	20.2	13:58	11.3	12.5	13:58	17.0	17.4	-
13:59	17.0	20.0	13:59	15.0	12.8	13:59	16.8	17.4	-
14:00	17.0	19.8	14:00	15.0	13.0	14:00	17.8	17.5	-
14:01	16.0	19.6	14:01	15.0	13.3	14:01	18.8	17.5	-
14:02	16.0	19.1	14:02	11.3	13.0	14:02	20.3	17.7	-
14:03	16.0	18.5	14:03	15.0	13.0	14:03	22.8	18.0	-
14:04	16.0	17.8	14:04	15.0	13.5	14:04	18.0	18.1	-
14:05	16.0	17.3	14:05	11.3	13.3	14:05	19.5	18.3	-
14:06	16.0	16.9	14:06	15.0	13.3	14:06	20.0	18.6	-
14:07	16.0	16.7	14:07	11.3	13.3	14:07	18.8	18.7	-
14:08	16.3	16.5	14:08	15.0	13.5	14:08	19.3	18.9	-
14:09	16.0	16.4	14:09	11.3	13.3	14:09	17.0	18.7	-
14:10	16.0	16.4	14:10	7.5	13.0	14:10	18.3	18.8	-
14:11	16.8	16.3	14:11	11.3	12.8	14:11	19.0	18.7	-
14:12	17.0	16.3	14:12	15.0	13.0	14:12	18.5	18.8	-

PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
14:13	17.0	16.3	14:13	11.3	13.0	14:13	18.8	18.9	-
14:14	17.0	16.3	14:14	11.3	12.8	14:14	17.3	18.9	-
14:15	17.0	16.3	14:15	7.5	12.3	14:15	16.5	18.8	-
14:16	17.0	16.4	14:16	11.3	12.0	14:16	17.5	18.8	-
14:17	17.5	16.5	14:17	15.0	12.3	14:17	29.5	19.4	-
14:18	17.8	16.6	14:18	11.3	12.0	14:18	48.5	21.1	-
14:19	17.0	16.7	14:19	11.3	11.8	14:19	22.8	21.4	-
14:20	17.0	16.8	14:20	7.5	11.5	14:20	26.3	21.9	-
14:21	17.0	16.8	14:21	15.0	11.5	14:21	35.5	22.9	-
14:22	17.0	16.9	14:22	11.3	11.5	14:22	16.8	22.8	-
14:23	17.0	16.9	14:23	15.0	11.5	14:23	16.0	22.5	-
14:24	16.0	16.9	14:24	15.0	11.8	14:24	17.5	22.6	-
14:25	16.0	16.9	14:25	11.3	12.0	14:25	18.5	22.6	-
14:26	17.0	17.0	14:26	3.8	11.5	14:26	17.0	22.5	-
14:27	21.0	17.2	14:27	15.0	11.5	14:27	17.0	22.4	-
14:28	18.5	17.3	14:28	11.3	11.5	14:28	18.0	22.3	-
14:29	17.0	17.3	14:29	15.0	11.8	14:29	16.5	22.3	-
14:30	16.5	17.3	14:30	11.3	12.0	14:30	16.0	22.2	-
14:31	16.5	17.3	14:31	15.0	12.3	14:31	16.0	22.1	-
14:32	16.0	17.2	14:32	11.3	12.0	14:32	16.8	21.3	-
14:33	16.0	17.0	14:33	7.5	11.8	14:33	16.8	19.2	-
14:34	15.3	16.9	14:34	11.3	11.8	14:34	17.5	18.8	-
14:35	15.0	16.8	14:35	6.0	11.7	14:35	17.0	18.2	-
14:36	15.0	16.7	14:36	12.5	11.5	14:36	16.8	16.9	-
14:37	15.0	16.5	14:37	12.0	11.5	14:37	16.0	16.9	-
14:38	16.0	16.5	14:38	14.4	11.5	14:38	15.0	16.8	-
14:39	16.8	16.5	14:39	14.2	11.4	14:39	12.0	16.5	-
14:40	17.0	16.6	14:40	14.2	11.6	14:40	6.0	15.6	-
14:41	16.0	16.5	14:41	14.6	12.4	14:41	12.0	15.3	-
14:42	16.0	16.2	14:42	15.0	12.4	14:42	15.0	15.2	-
14:43	16.0	16.0	14:43	15.0	12.6	14:43	15.0	15.0	-
14:44	16.3	16.0	14:44	15.2	12.6	14:44	12.0	14.7	-
14:45	16.8	16.0	14:45	15.0	12.9	14:45	15.0	14.6	-
14:46	17.5	16.0	14:46	15.0	12.9	14:46	12.0	14.3	-
14:47	16.0	16.0	14:47	15.0	13.1	14:47	15.0	14.2	-
14:48	16.0	16.0	14:48	15.0	13.6	14:48	9.0	13.7	-
14:49	16.0	16.1	14:49	15.0	13.9	14:49	12.0	13.3	-
14:50	16.0	16.2	14:50	15.0	14.5	14:50	15.0	13.2	-
14:51	16.0	16.2	14:51	15.0	14.6	14:51	9.0	12.7	-
14:52	16.0	16.3	14:52	15.0	14.8	14:52	9.0	12.2	-
14:53	16.3	16.3	14:53	15.0	14.9	14:53	9.0	11.8	-
14:54	17.0	16.3	14:54	15.0	14.9	14:54	15.0	12.0	-
14:55	17.0	16.3	14:55	15.0	15.0	14:55	15.0	12.6	-
14:56	17.0	16.4	14:56	15.0	15.0	14:56	12.0	12.6	-
14:57	16.3	16.4	14:57	15.0	15.0	14:57	9.0	12.2	-
14:58	17.8	16.5	14:58	15.0	15.0	14:58	12.0	12.0	-
14:59	17.3	16.6	14:59	15.0	15.0	14:59	15.0	12.2	-
15:00	18.3	16.7	15:00	15.0	15.0	15:00	12.0	12.0	-
15:01	16.8	16.6	15:01	15.0	15.0	15:01	15.0	12.2	-
15:02	16.0	16.6	15:02	15.0	15.0	15:02	9.0	11.8	-
15:03	16.0	16.6	15:03	15.0	15.0	15:03	12.0	12.0	-
15:04	16.5	16.7	15:04	15.0	15.0	15:04	12.0	12.0	-
15:05	17.0	16.7	15:05	15.0	15.0	15:05	12.0	11.8	-
15:06	17.0	16.8	15:06	15.0	15.0	15:06	6.0	11.6	-
15:07	17.8	16.9	15:07	15.0	15.0	15:07	6.0	11.4	-
15:08	18.5	17.1	15:08	15.2	15.0	15:08	15.0	11.8	-
15:09	16.5	17.0	15:09	15.2	15.0	15:09	12.0	11.6	-
15:10	17.3	17.1	15:10	15.0	15.0	15:10	12.0	11.4	-
15:11	16.5	17.0	15:11	15.0	15.0	15:11	15.0	11.6	-
15:12	15.8	17.0	15:12	15.0	15.0	15:12	12.0	11.8	-
15:13	15.3	16.8	15:13	16.2	15.1	15:13	12.0	11.8	-
15:14	15.0	16.7	15:14	17.0	15.2	15:14	12.0	11.6	-
15:15	15.0	16.5	15:15	16.2	15.3	15:15	9.0	11.4	-
15:16	17.0	16.5	15:16	16.0	15.4	15:16	9.0	11.0	-
15:17	15.8	16.5	15:17	16.0	15.5	15:17	9.0	11.0	-
15:18	16.0	16.5	15:18	15.6	15.5	15:18	12.0	11.0	-
15:19	16.5	16.5	15:19	15.8	15.5	15:19	12.0	11.0	-
15:20	16.3	16.4	15:20	15.4	15.6	15:20	6.0	10.6	-
15:21	16.3	16.4	15:21	15.4	15.6	15:21	9.0	10.8	-
15:22	17.0	16.3	15:22	15.0	15.6	15:22	11.3	11.2	-
15:23	16.5	16.2	15:23	15.0	15.6	15:23	11.3	10.9	-
15:24	16.3	16.2	15:24	15.0	15.6	15:24	11.3	10.9	-
15:25	19.3	16.3	15:25	15.0	15.6	15:25	11.3	10.8	-
15:26	19.8	16.5	15:26	15.0	15.6	15:26	15.0	10.8	-
15:27	18.8	16.7	15:27	15.0	15.6	15:27	15.0	11.0	-
15:28	17.5	16.9	15:28	15.0	15.5	15:28	15.0	11.2	-

PARTICULATE DATA									
Upwind			Downwind						Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
15:29	18.0	17.1	15:29	16.2	15.4	15:29	15.0	11.4	-
15:30	17.0	17.2	15:30	17.6	15.5	15:30	15.0	11.8	-
15:31	18.0	17.3	15:31	17.0	15.6	15:31	15.0	12.2	-
15:32	17.5	17.4	15:32	16.2	15.6	15:32	11.3	12.4	-
15:33	16.5	17.4	15:33	16.0	15.6	15:33	15.0	12.6	-
15:34	16.0	17.4	15:34	15.6	15.6	15:34	11.3	12.5	-
15:35	16.3	17.4	15:35	15.0	15.6	15:35	15.0	13.1	-
15:36	16.0	17.4	15:36	15.0	15.6	15:36	15.0	13.5	-
15:37	15.8	17.3	15:37	15.0	15.6	15:37	15.0	13.8	-
15:38	17.3	17.3	15:38	15.3	15.6	15:38	7.5	13.5	-
15:39	16.5	17.3	15:39	15.8	15.6	15:39	11.3	13.5	-
15:40	15.3	17.1	15:40	15.0	15.6	15:40	15.0	13.8	-
15:41	16.0	16.8	15:41	15.5	15.7	15:41	11.3	13.5	-
15:42	16.3	16.7	15:42	15.3	15.7	15:42	11.3	13.3	-
15:43	17.3	16.6	15:43	15.0	15.7	15:43	11.3	13.0	-
15:44	17.0	16.6	15:44	15.0	15.6	15:44	15.0	13.0	-
15:45	17.0	16.6	15:45	15.0	15.4	15:45	3.8	12.3	-
15:46	16.8	16.5	15:46	15.0	15.3	15:46	7.5	11.8	-
15:47	17.5	16.5	15:47	15.5	15.3	15:47	11.3	11.8	-
15:48	17.8	16.6	15:48	16.0	15.3	15:48	11.3	11.5	-
15:49	18.4	16.7	15:49	16.0	15.3	15:49	11.3	11.5	-
15:50	18.4	16.9	15:50	16.0	15.4	15:50	15.0	11.5	-
15:51	17.2	17.0	15:51	16.0	15.4	15:51	11.3	11.3	-
15:52	17.8	17.1	15:52	16.0	15.5	15:52	11.3	11.0	-
15:53	18.0	17.1	15:53	16.0	15.5	15:53	11.3	11.3	-
15:54	18.6	17.3	15:54	15.8	15.5	15:54	7.5	11.0	-
15:55	17.6	17.4	15:55	16.0	15.6	15:55	15.0	11.0	-
15:56	17.0	17.5	15:56	16.0	15.6	15:56	11.3	11.0	-
15:57	17.4	17.6	15:57	16.0	15.7	15:57	11.3	11.0	-
15:58	17.8	17.6	15:58	16.0	15.8	15:58	15.0	11.3	-
15:59	16.4	17.6	15:59	15.5	15.8	15:59	15.0	11.3	-
16:00	16.0	17.5	16:00	16.0	15.9	16:00	11.3	11.8	-
16:01	16.8	17.5	16:01	16.0	15.9	16:01	7.5	11.8	-
16:02	17.0	17.5	16:02	16.0	16.0	16:02	11.3	11.8	-
16:03	18.4	17.5	16:03	16.0	16.0	16:03	15.0	12.0	-
16:04	18.2	17.5	16:04	16.0	16.0	16:04	7.5	11.8	-
16:05	17.6	17.5	16:05	16.0	16.0	16:05	11.3	11.5	-
16:06	17.0	17.4	16:06	16.0	16.0	16:06	7.5	11.3	-
16:07	18.0	17.5	16:07	16.0	16.0	16:07	15.0	11.5	-
16:08	18.8	17.5	16:08	16.5	16.0	16:08	15.0	11.8	-
16:09	18.0	17.5	16:09	17.0	16.1	16:09	15.0	12.3	-
16:10	17.8	17.5	16:10	17.0	16.1	16:10	15.0	12.3	-
16:11	17.2	17.5	16:11	17.0	16.2	16:11	11.3	12.3	-
16:12	18.0	17.5	16:12	17.0	16.3	16:12	11.3	12.3	-
16:13	17.4	17.5	16:13	16.8	16.3	16:13	15.0	12.3	-
16:14	17.0	17.5	16:14	16.0	16.4	16:14	15.0	12.3	-
16:15	17.0	17.6	16:15	16.0	16.4	16:15	15.0	12.5	-
16:16	17.0	17.6	16:16	16.8	16.4	16:16	15.0	13.0	-
16:17	17.0	17.6	16:17	16.0	16.4	16:17	15.0	13.3	-
16:18	17.0	17.5	16:18	16.0	16.4	16:18	15.0	13.3	-
16:19	17.6	17.5	16:19	16.0	16.4	16:19	15.0	13.8	-
16:20	17.0	17.5	16:20	16.0	16.4	16:20	15.0	14.0	-
16:21	17.6	17.5	16:21	16.3	16.4	16:21	15.0	14.5	-
16:22	17.2	17.4	16:22	16.0	16.4	16:22	15.0	14.5	-
16:23	17.0	17.3	16:23	16.0	16.4	16:23	15.0	14.5	-
16:24	16.4	17.2	16:24	17.0	16.4	16:24	15.0	14.5	-
16:25	16.0	17.1	16:25	17.0	16.4	16:25	15.0	14.5	-
16:26	16.4	17.0	16:26	17.0	16.4	16:26	15.0	14.8	-
16:27	16.2	16.9	16:27	17.0	16.4	16:27	15.0	15.0	-
16:28	16.8	16.9	16:28	17.0	16.4	16:28	15.0	15.0	-
16:29	16.2	16.8	16:29	17.8	16.5	16:29	15.0	15.0	-
16:30	16.0	16.8	16:30	17.0	16.6	16:30	15.0	15.0	-
16:31	16.4	16.7	16:31	17.0	16.6	16:31	15.0	15.0	-
16:32	16.2	16.7	16:32	17.5	16.7	16:32	15.0	15.0	-
16:33	17.0	16.7	16:33	17.0	16.8	16:33	15.0	15.0	-
16:34	16.2	16.6	16:34	17.0	16.8	16:34	15.0	15.0	-
16:35	16.0	16.5	16:35	17.8	17.0	16:35	15.0	15.0	-
16:36	16.0	16.4	16:36	18.0	17.1	16:36	15.0	15.0	-
16:37	16.0	16.3	16:37	18.0	17.2	16:37	15.5	15.0	-
16:38	16.0	16.3	16:38	18.8	17.4	16:38	16.0	15.1	-
16:39	16.0	16.2	16:39	18.8	17.5	16:39	15.8	15.2	-
16:40	16.0	16.2	16:40	18.0	17.6	16:40	15.0	15.2	-
16:41	16.0	16.2	16:41	17.3	17.6	16:41	15.0	15.2	-
16:42	16.0	16.2	16:42	17.0	17.6	16:42	15.5	15.2	-
16:43	18.4	16.3	16:43	17.0	17.6	16:43	15.5	15.2	-
16:44	-	-	16:44	-	-	16:44	-	-	-

Thursday, March 16, 2023

Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 = 0
 Number of Comparable Data Points = 546
 Start Time: 7:23
 End Time: 16:43

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)	
6:45	-	-	6:45	-	-	6:45	-	-	-
6:46	-	-	6:46	-	-	6:46	-	-	-
6:47	-	-	6:47	-	-	6:47	-	-	-
6:48	-	-	6:48	-	-	6:48	-	-	-
6:49	-	-	6:49	-	-	6:49	-	-	-
6:50	-	-	6:50	-	-	6:50	-	-	-
6:51	-	-	6:51	-	-	6:51	-	-	-
6:52	-	-	6:52	-	-	6:52	-	-	-
6:53	-	-	6:53	-	-	6:53	-	-	-
6:54	-	-	6:54	-	-	6:54	-	-	-
6:55	-	-	6:55	-	-	6:55	-	-	-
6:56	-	-	6:56	-	-	6:56	-	-	-
6:57	-	-	6:57	-	-	6:57	-	-	-
6:58	-	-	6:58	-	-	6:58	-	-	-
6:59	-	-	6:59	-	-	6:59	-	-	-
7:00	-	-	7:00	-	-	7:00	-	-	-
7:01	-	-	7:01	-	-	7:01	-	-	-
7:02	-	-	7:02	-	-	7:02	-	-	-
7:03	-	-	7:03	-	-	7:03	-	-	-
7:04	-	-	7:04	-	-	7:04	-	-	-
7:05	-	-	7:05	-	-	7:05	-	-	-
7:06	-	-	7:06	-	-	7:06	-	-	-
7:07	-	-	7:07	-	-	7:07	-	-	-
7:08	-	-	7:08	-	-	7:08	-	-	-
7:09	-	-	7:09	-	-	7:09	-	-	-
7:10	-	-	7:10	-	-	7:10	-	-	-
7:11	-	-	7:11	-	-	7:11	-	-	-
7:12	-	-	7:12	-	-	7:12	-	-	-
7:13	-	-	7:13	-	-	7:13	-	-	-
7:14	-	-	7:14	-	-	7:14	-	-	-
7:15	-	-	7:15	-	-	7:15	-	-	-
7:16	-	-	7:16	-	-	7:16	-	-	-
7:17	-	-	7:17	-	-	7:17	-	-	-
7:18	-	-	7:18	-	-	7:18	-	-	-
7:19	-	-	7:19	-	-	7:19	-	-	-
7:20	-	-	7:20	-	-	7:20	-	-	-
7:21	-	-	7:21	-	-	7:21	-	-	-
7:22	-	-	7:22	-	-	7:22	-	-	-
7:23	0.0	-	7:23	0.0	-	7:23	-	-	-
7:24	0.0	-	7:24	0.0	-	7:24	-	-	-
7:25	0.0	-	7:25	0.0	-	7:25	-	-	-
7:26	0.0	-	7:26	0.0	-	7:26	-	-	-
7:27	0.0	-	7:27	0.0	-	7:27	-	-	-
7:28	0.0	-	7:28	0.0	-	7:28	-	-	-
7:29	0.0	-	7:29	0.0	-	7:29	-	-	-
7:30	0.0	-	7:30	0.0	-	7:30	-	-	-
7:31	0.0	-	7:31	0.0	-	7:31	-	-	-
7:32	0.0	-	7:32	0.0	-	7:32	-	-	-
7:33	0.0	-	7:33	0.0	-	7:33	0.0	-	-
7:34	0.0	-	7:34	0.0	-	7:34	0.0	-	-
7:35	0.0	-	7:35	0.0	-	7:35	0.0	-	-
7:36	0.0	-	7:36	0.0	-	7:36	0.0	-	-
7:37	0.0	-	7:37	0.0	-	7:37	0.0	-	-
7:38	0.0	0.0	7:38	0.0	0.0	7:38	0.0	-	-
7:39	0.0	0.0	7:39	0.0	0.0	7:39	0.0	-	-
7:40	0.0	0.0	7:40	0.0	0.0	7:40	0.0	-	-
7:41	0.0	0.0	7:41	0.0	0.0	7:41	0.0	-	-
7:42	0.0	0.0	7:42	0.0	0.0	7:42	0.0	-	-
7:43	0.0	0.0	7:43	0.0	0.0	7:43	0.0	-	-
7:44	0.0	0.0	7:44	0.0	0.0	7:44	0.0	-	-
7:45	0.0	0.0	7:45	0.0	0.0	7:45	0.0	-	-
7:46	0.0	0.0	7:46	0.0	0.0	7:46	0.0	-	-
7:47	0.0	0.0	7:47	0.0	0.0	7:47	0.0	-	-
7:48	0.0	0.0	7:48	0.0	0.0	7:48	0.0	0.0	-
7:49	0.1	0.0	7:49	0.0	0.0	7:49	0.0	0.0	-
7:50	0.1	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	-

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)	
7:55	0.0	0.0	7:55	0.0	0.0	7:55	0.0	0.0	-
7:56	0.0	0.0	7:56	0.0	0.0	7:56	0.0	0.0	-
7:57	0.0	0.0	7:57	0.0	0.0	7:57	0.0	0.0	-
7:58	0.0	0.0	7:58	0.0	0.0	7:58	0.0	0.0	-
7:59	0.0	0.0	7:59	0.0	0.0	7:59	0.0	0.0	-
8:00	0.0	0.0	8:00	0.0	0.0	8:00	0.0	0.0	-
8:01	0.0	0.0	8:01	0.0	0.0	8:01	0.0	0.0	-
8:02	0.0	0.0	8:02	0.0	0.0	8:02	0.0	0.0	-
8:03	0.0	0.0	8:03	0.0	0.0	8:03	0.0	0.0	-
8:04	0.0	0.0	8:04	0.0	0.0	8:04	0.0	0.0	-
8:05	0.0	0.0	8:05	0.0	0.0	8:05	0.0	0.0	-
8:06	0.0	0.0	8:06	0.0	0.0	8:06	0.0	0.0	-
8:07	0.0	0.0	8:07	0.0	0.0	8:07	0.0	0.0	-
8:08	0.0	0.0	8:08	0.0	0.0	8:08	0.0	0.0	-
8:09	0.0	0.0	8:09	0.0	0.0	8:09	0.0	0.0	-
8:10	0.0	0.0	8:10	0.0	0.0	8:10	0.0	0.0	-
8:11	0.0	0.0	8:11	0.0	0.0	8:11	0.0	0.0	-
8:12	0.0	0.0	8:12	0.0	0.0	8:12	0.0	0.0	-
8:13	0.0	0.0	8:13	0.0	0.0	8:13	0.0	0.0	-
8:14	0.0	0.0	8:14	0.0	0.0	8:14	0.0	0.0	-
8:15	0.0	0.0	8:15	0.0	0.0	8:15	0.0	0.0	-
8:16	0.0	0.0	8:16	0.0	0.0	8:16	0.0	0.0	-
8:17	0.0	0.0	8:17	0.0	0.0	8:17	0.0	0.0	-
8:18	0.0	0.0	8:18	0.0	0.0	8:18	0.0	0.0	-
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	0.1	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	0.1	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	0.1	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	0.1	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	-

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)	
9:11	0.0	0.0	9:11	0.0	0.0	9:11	0.0	0.0	-
9:12	0.1	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	0.1	0.0	9:15	0.0	0.0	9:15	0.0	0.0	-
9:16	0.1	0.0	9:16	0.0	0.0	9:16	0.0	0.0	-
9:17	0.1	0.0	9:17	0.0	0.0	9:17	0.0	0.0	-
9:18	0.0	0.0	9:18	0.0	0.0	9:18	0.0	0.0	-
9:19	0.0	0.0	9:19	0.0	0.0	9:19	0.0	0.0	-
9:20	0.0	0.0	9:20	0.0	0.0	9:20	0.0	0.0	-
9:21	0.0	0.0	9:21	0.0	0.0	9:21	0.0	0.0	-
9:22	0.0	0.0	9:22	0.0	0.0	9:22	0.0	0.0	-
9:23	0.0	0.0	9:23	0.0	0.0	9:23	0.0	0.0	-
9:24	0.0	0.0	9:24	0.0	0.0	9:24	0.0	0.0	-
9:25	0.0	0.0	9:25	0.0	0.0	9:25	0.0	0.0	-
9:26	0.0	0.0	9:26	0.0	0.0	9:26	0.0	0.0	-
9:27	0.0	0.0	9:27	0.0	0.0	9:27	0.0	0.0	-
9:28	0.0	0.0	9:28	0.0	0.0	9:28	0.0	0.0	-
9:29	0.0	0.0	9:29	0.0	0.0	9:29	0.0	0.0	-
9:30	0.0	0.0	9:30	0.0	0.0	9:30	0.0	0.0	-
9:31	0.0	0.0	9:31	0.0	0.0	9:31	0.0	0.0	-
9:32	0.0	0.0	9:32	0.0	0.0	9:32	0.0	0.0	-
9:33	0.0	0.0	9:33	0.0	0.0	9:33	0.0	0.0	-
9:34	0.0	0.0	9:34	0.0	0.0	9:34	0.0	0.0	-
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	-

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

