AIR MONITORING LOG

Date: 12/31/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 004362

Weather: 23-27 degrees, cloudy, humidity = 48%
Air Monitoring Tech: Chris Repetti
Start time: 0700
End Time: 1115

Station 1				Station 2				Station 3				Station 4						
upwind*				downwind*				downwind				downwind						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
7:15	A-1	0	7.0	7:15	A-4	0	9.5	7:15	E-1	0	6.3	7:15	D-1	0	8.8	NW	23	excav. & stockpile
7:35	A-1	0	7.3	7:30	A-4	0	9.5	7:30	E-1	0	6.5	7:30	D-1	0	9.2	NW	23	excav. & stockpile
7:45	A-1	0	7.5	7:45	A-4	0	9.7	7:45	E-1	0	6.5	7:45	D-1	0	9.6	NW	23	excav. & stockpile
8:00	A-1	0	8.2	8:00	A-4	0	9.7	8:00	E-1	0	6.8	8:00	D-1	0	9.7	NW	23	excav. & stockpile
8:15	A-1	0	10.3	8:15	A-4	0	9.7	8:15	E-1	0	6.8	8:15	D-1	0	9.7	SE	27	excav. & stockpile
8:30	A-1	0	10.1	8:30	A-4	0	9.9	8:30	E-1	0	6.8	8:30	D-1	0	9.6	SE	27	excav. & stockpile
8:45	A-1	0	11.5	8:45	A-4	0	10.0	8:45	E-1	0	6.8	8:45	D-1	0	9.6	SE	27	excav. & stockpile
9:00	A-1	0	13.2	9:00	A-4	0	10.0	9:00	E-1	0	6.8	9:00	D-1	0	9.6	SE	27	excav. & stockpile
9:15	A-1	0	13.3	9:15	A-4	0	10.0	9:15	E-1	0	7.1	9:15	D-1	0	10.0	SE	27	excav. & stockpile
9:30	A-1	0	13.5	9:30	A-4	0	9.9	9:30	E-1	0	7.2	9:30	D-1	0	9.9	S	27	excav. & stockpile
9:47	A-1	0	13.4	9:45	A-4	0	10.0	9:45	E-1	0	7.4	9:45	D-1	0	10.0	S	27	excav. & stockpile
10:00	A-1	0	13.2	10:00	A-4	0	9.9	10:00	E-1	0	7.4	10:00	D-1	0	10.0	S	27	excav. & stockpile
10:15	A-1	0	13.2	10:15	A-4	0	9.7	10:15	E-1	0	7.3	10:15	D-1	0	10.0	S	27	excav. & stockpile
10:30	A-1	0	13.5	10:30	A-4	0	9.7	10:30	E-1	0	7.3	10:30	D-1	0	10.0	S	27	excav. & stockpile
10:45	A-1	0	13.5	10:45	A-4	0	9.6	10:45	E-1	0	7.2	10:45	D-1	0	10.1	S	27	excav. & stockpile
11:00	A-1	0	13.6	11:00	A-4	0	9.5	11:00	E-1	0	7.1	11:00	D-1	0	10.1	S	27	excav. & stockpile
11:15	A-1	0	13.5	11:15	A-4	0	9.5	11:15	E-1	0	7.0	11:15	D-1	0	10.2	S	27	excav. & stockpile

*Station 2 was upwind until 8:15 and downwind 8:15-11:15;
Station 1 was downwind until 8:15 and upwind 8:15-11:15

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/30/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 004362

Weather: 35-46 degrees, p. cloudy, humidity = 76%
Air Monitoring Tech: Chris Repetti
Start time: 0700
End Time: 1430

Station 1				Station 2				Station 3				Station 4						
downwind				upwind				downwind				downwind						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
7:15	A-1	0	12.7	7:15	A-4	0	22.8	7:15	E-1	0	15.6	7:15	D-1	0	22.6	SW	41	load trucks
7:35	A-1	0	14.2	7:30	A-4	0	24.9	7:30	E-1	0	15.5	7:30	D-1	0	22.8	SW	41	load trucks
7:45	A-1	0	14.4	7:45	A-4	0	26.5	7:45	E-1	0	15.3	7:45	D-1	0	23.0	SW	41	load trucks
8:00	A-1	0	14.4	8:00	A-4	0	26.1	8:00	E-1	0	15.6	8:00	D-1	0	24.8	SW	43	load trucks
8:15	A-1	0	14.8	8:15	A-4	0	25.8	8:15	E-1	0	15.6	8:15	D-1	0	24.6	SW	43	load trucks
8:30	A-1	0	15.0	8:30	A-4	0	25.3	8:30	E-1	0	15.9	8:30	D-1	0	24.8	W	43	load trucks
8:45	A-1	0	15.4	8:45	A-4	0	25.3	8:45	E-1	0	16.2	8:45	D-1	0	24.8	W	43	load trucks
9:00	A-1	0	15.7	9:00	A-4	0	25.2	9:00	E-1	0	16.6	9:00	D-1	0	24.8	W	43	excavate
9:15	A-1	0	16.0	9:15	A-4	0	25.0	9:15	E-1	0	16.5	9:15	D-1	0	25.0	W	43	excavate
9:30	A-1	0	16.2	9:30	A-4	0	24.6	9:30	E-1	0	16.9	9:30	D-1	0	25.3	W	43	load trucks
9:47	A-1	0	17.5	9:45	A-4	0	24.1	9:45	E-1	0	16.9	9:45	D-1	0	22.8	W	43	load trucks
10:00	A-1	0	17.6	10:00	A-4	0	23.7	10:00	E-1	0	16.7	10:00	D-1	0	20.5	W	44	load trucks
10:15	A-1	0	17.7	10:15	A-4	0	23.5	10:15	E-1	0	16.7	10:15	D-1	0	20.0	W	44	hi-ram, cutting pipe
10:30	A-1	0	19.1	10:30	A-4	0	23.2	10:30	E-1	0	16.9	10:30	D-1	0	19.6	NW	46	load trucks
10:45	A-1	0	19.0	10:45	A-4	0	22.5	10:45	E-1	0	16.2	10:45	D-1	0	19.0	NW	46	load trucks
11:00	A-1	0	19.6	11:00	A-4	0	21.9	11:00	E-1	0	15.8	11:00	D-1	0	18.8	NW	46	load trucks
11:15	A-1	0	19.6	11:15	A-4	0	20.6	11:15	E-1	0	15.3	11:15	D-1	0	16.2	NW	46	load trucks
11:30	A-1	0	18.9	11:30	A-4	0	19.2	11:30	E-1	0	15.1	11:30	D-1	0	16.0	NW	43	load trucks
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	A-1	0	16.5	12:30	A-4	0	18.3	12:30	E-1	0	13.5	12:30	D-1	0	15.3	NW	40	load trucks
12:45	A-1	0	16.0	12:45	A-4	0	17.7	12:45	E-1	0	13.5	12:45	D-1	0	15.0	NW	40	load trucks
13:00	A-1	0	15.5	13:00	A-4	0	16.6	13:00	E-1	0	12.9	13:00	D-1	0	14.9	NW	40	load trucks
13:15	A-1	0	15.1	13:15	A-4	0	16.6	13:15	E-1	0	12.4	13:15	D-1	0	12.6	NW	40	excavate & cut pipe
13:30	A-1	0	14.8	13:30	A-4	0	16.6	13:30	E-1	0	12.3	13:30	D-1	0	11.0	NW	38	excavate & cut pipe
13:45	A-1	0	14.5	13:45	A-4	0	15.8	13:45	E-1	0	11.7	13:45	D-1	0	10.5	NW	38	excavate & cut pipe
14:00	A-1	0	14.2	14:00	A-4	0	15.2	14:00	E-1	0	11.4	14:00	D-1	0	9.7	NW	38	excavate & cut pipe
14:17	A-1	0	13.8	14:17	A-4	0	14.7	14:17	E-1	0	11.0	14:17	D-1	0	9.4	NW	38	excavate & cut pipe
14:30	A-1	0	13.6	14:30	A-4	0	14.2	14:30	E-1	0	10.6	14:30	D-1	0	9.1	NW	35	excavate & cut pipe

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/27/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 004362

Weather: 33-39 degrees, clear, humidity = 54%
Air Monitoring Tech: Chris Repetti
Start time: 0700
End Time: 1430

Station 1				Station 2				Station 3				Station 4						
downwind				upwind				downwind				downwind						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
7:15	A-1	0	11.6	7:15	A-4	0	15.2	7:15	E-1	0	11.6	7:15	D-1	0	11.3	NW	33	load trucks
7:35	A-1	0	11.9	7:30	A-4	0	15.0	7:30	E-1	0	11.6	7:30	D-1	0	11.3	NW	33	load trucks
7:45	A-1	0	12.0	7:45	A-4	0	15.0	7:45	E-1	0	11.9	7:45	D-1	0	11.6	NW	33	load trucks
8:00	A-1	0	12.0	8:00	A-4	0	15.2	8:00	E-1	0	12.2	8:00	*	*	*	NW	33	load trucks
8:15	A-1	0	12.3	8:15	A-4	0	15.5	8:15	E-1	0	12.6	8:15	*	*	*	NW	33	load trucks
8:30	A-1	0	12.5	8:30	A-4	0	15.8	8:30	E-1	0	12.6	8:30	*	*	*	NW	33	load trucks
8:45	A-1	0	12.9	8:45	A-4	0	15.8	8:45	E-1	0	12.9	8:45	*	*	*	NW	35	load trucks
9:00	A-1	0	13.3	9:00	A-4	0	16.1	9:00	E-1	0	13.1	9:00	*	*	*	NW	35	load trucks
9:15	A-1	0	13.7	9:15	A-4	0	16.7	9:15	E-1	0	13.3	9:15	*	*	*	SW	35	load trucks
9:30	A-1	0	14.0	9:30	A-4	0	17.0	9:30	E-1	0	13.3	9:30	*	*	*	SW	35	load trucks
9:47	A-1	0	14.3	9:45	A-4	0	17.1	9:45	E-1	0	13.8	9:45	*	*	*	SW	35	load trucks
10:00	A-1	0	14.6	10:00	A-4	0	17.3	10:00	E-1	0	14.0	10:00	D-1	0	15.6	SW	35	load trucks
10:15	A-1	0	14.8	10:15	A-4	0	17.3	10:15	E-1	0	14.1	10:15	D-1	0	17.3	SW	37	load trucks
10:30	A-1	0	15.3	10:30	A-4	0	17.3	10:30	E-1	0	14.3	10:30	D-1	0	17.9	SW	37	load trucks
10:45	A-1	0	15.6	10:45	A-4	0	17.5	10:45	E-1	0	14.6	10:45	D-1	0	18.2	SW	37	load trucks
11:00	A-1	0	15.8	11:00	A-4	0	17.8	11:00	E-1	0	14.6	11:00	D-1	0	18.4	SW	37	load trucks
11:15	A-1	0	16.0	11:15	A-4	0	18.2	11:15	E-1	0	14.9	11:15	D-1	0	18.7	SW	37	load trucks
11:30	lunch																	
11:45	lunch																	
12:00	lunch																	
12:15	A-1	0	16.5	12:15	A-4	0	17.9	12:15	E-1	0	14.5	12:15	D-1	0	16.2	SW	39	excavate
12:30	A-1	0	16.3	12:30	A-4	0	17.6	12:30	E-1	0	14.5	12:30	D-1	0	15.6	SW	39	excavate
12:45	A-1	0	16.2	12:45	A-4	0	17.3	12:45	E-1	0	14.3	12:45	D-1	0	14.9	SW	39	excavate
13:00	A-1	0	16.2	13:00	A-4	0	17.3	13:00	E-1	0	14.2	13:00	D-1	0	14.7	SW	39	excavate
13:15	A-1	0	16.3	13:15	A-4	0	17.3	13:15	E-1	0	14.2	13:15	D-1	0	14.3	SW	39	excavate
13:30	A-1	0	16.1	13:30	A-4	0	16.8	13:30	E-1	0	14.0	13:30	D-1	0	13.8	SW	39	excavate
13:45	A-1	0	16.0	13:45	A-4	0	16.5	13:45	E-1	0	13.8	13:45	D-1	0	13.2	SW	39	excavate
14:00	A-1	0	16.2	14:00	A-4	0	16.2	14:00	E-1	0	13.5	14:00	D-1	0	12.7	SW	39	excavate
14:15	A-1	0	16.4	14:15	A-4	0	16.2	14:15	E-1	0	13.0	14:15	D-1	0	12.1	SW	39	excavate
14:30	A-1	0	16.4	14:30	A-4	0	15.8	14:30	E-1	0	12.9	14:30	D-1	0	11.7	SW	39	excavate
*Dust monitor at Station 4 had detector failure at 8:00; new unit running normally at 10:00																		

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/26/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 004362

Weather: 31-36 degrees, mostly cloudy, hum. = 60%
Air Monitoring Tech: Chris Repetti
Start time: 0700
End Time: 1430

Station 1				Station 2				Station 3				Station 4						
downwind*				upwind*				downwind				downwind						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
7:15	A-1	0	10.3	7:15	A-4	0	16.5	7:15	E-1	0	9.9	7:15	D-1	0	15.0	E	31	load trucks
7:30	A-1	0	9.9	7:30	A-4	0	15.9	7:30	E-1	0	9.0	7:30	D-1	0	11.9	W	32	load trucks
7:45	A-1	0	9.7	7:45	A-4	0	15.9	7:45	E-1	0	9.0	7:45	D-1	0	11.2	W	32	load trucks
8:00	A-1	0	10.3	8:00	A-4	0	15.9	8:00	E-1	0	9.0	8:00	D-1	0	10.5	W	32	load trucks
8:15	A-1	0	10.7	8:15	A-4	0	15.6	8:15	E-1	0	9.0	8:15	D-1	0	10.0	W	32	load trucks
8:30	A-1	0	10.5	8:30	A-4	0	15.6	8:30	E-1	0	8.9	8:30	D-1	0	10.2	W	32	load trucks
8:45	A-1	0	10.5	8:45	A-4	0	15.3	8:45	E-1	0	8.9	8:45	D-1	0	9.8	NW	33	load trucks
9:00	A-1	0	10.4	9:00	A-4	0	15.3	9:00	E-1	0	8.9	9:00	D-1	0	9.5	NW	33	load trucks
9:15	A-1	0	10.4	9:15	A-4	0	15.3	9:15	E-1	0	9.0	9:15	D-1	0	9.3	NW	33	load trucks
9:30	A-1	0	10.3	9:30	A-4	0	15.0	9:30	E-1	0	9.0	9:30	D-1	0	9.1	NW	33	load trucks
9:47	A-1	0	10.1	9:45	A-4	0	14.9	9:45	E-1	0	8.8	9:45	D-1	0	8.0	NW	33	load trucks
10:00	A-1	0	10.4	10:00	A-4	0	14.3	10:00	E-1	0	8.8	10:00	D-1	0	7.9	NW	33	excavate
10:15	A-1	0	10.7	10:15	A-4	0	14.3	10:15	E-1	0	8.9	10:15	D-1	0	7.9	NW	33	excavate
10:30	A-1	0	11.4	10:30	A-4	0	14.3	10:30	E-1	0	8.9	10:30	D-1	0	7.9	SW	33	load trucks/excavate
10:45	A-1	0	12.6	10:45	A-4	0	14.2	10:45	E-1	0	8.9	10:45	D-1	0	7.8	SW	33	load trucks/excavate
11:00	A-1	0	13.0	11:00	A-4	0	14.2	11:00	E-1	0	8.9	11:00	D-1	0	7.8	SW	36	load trucks/excavate
11:15	A-1	0	13.6	11:15	A-4	0	14.2	11:15	E-1	0	9.0	11:15	D-1	0	7.8	SW	36	load trucks/excavate
11:30	A-1	0	14.3	11:30	A-4	0	14.1	11:30	E-1	0	9.0	11:30	D-1	0	7.8	SW	36	load trucks/excavate
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	A-1	0	13.6	12:30	A-4	0	13.9	12:30	E-1	0	9.3	12:30	D-1	0	7.8	SW	36	excavate
12:45	A-1	0	13.4	12:45	A-4	0	13.6	12:45	E-1	0	9.2	12:45	D-1	0	7.6	SW	36	excavate
13:00	A-1	0	13.3	13:00	A-4	0	13.5	13:00	E-1	0	9.2	13:00	D-1	0	7.6	SW	36	excavate
13:15	A-1	0	13.4	13:15	A-4	0	13.3	13:15	E-1	0	9.2	13:15	D-1	0	7.5	SW	36	excavate
13:30	A-1	0	13.7	13:30	A-4	0	13.3	13:30	E-1	0	9.2	13:30	D-1	0	7.5	SW	36	excavate
13:45	A-1	0	13.7	13:45	A-4	0	13.2	13:45	E-1	0	9.2	13:45	D-1	0	7.5	SW	36	hi-ram/excavate
14:00	A-1	0	13.6	14:00	A-4	0	13.2	14:00	E-1	0	9.2	14:00	D-1	0	7.4	SW	36	hi-ram/excavate
14:15	A-1	0	13.7	14:15	A-4	0	13.0	14:15	E-1	0	9.1	14:15	D-1	0	7.4	SW	36	excavate
14:30	A-1	0	13.7	14:30	A-4	0	13.0	14:30	E-1	0	9.2	14:30	D-1	0	7.4	SW	36	excavate
*At 7:15, Station 1 was upwind and Station 2 downwind																		

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/24/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 004362

Weather: 35 degrees, cloudy, humidity = 54%
Air Monitoring Tech: Chris Repetti
Start time: 0715
End Time: 1130

Station 1				Station 2				Station 3				Station 4						
downwind				downwind				upwind				downwind						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
7:15	A-1	0	5.2	7:15	A-4	0	6.3	7:15	E-1	0	5.2	7:15	D-1	0	4.5	NW	35	spreading stockpile
7:30	A-1	0	6.0	7:30	A-4	0	6.0	7:30	E-1	0	5.2	7:30	D-1	0	5.7	NW	35	hi-ram and excavate
7:45	A-1	0	6.2	7:45	A-4	0	5.9	7:45	E-1	0	5.2	7:45	D-1	0	5.7	NW	35	hi-ram and excavate
8:00	A-1	0	6.4	8:00	A-4	0	5.9	8:00	E-1	0	5.2	8:00	D-1	0	5.5	NW	35	hi-ram and excavate
8:15	A-1	0	7.3	8:15	A-4	0	6.0	8:15	E-1	0	5.3	8:15	D-1	0	5.5	NW	35	hi-ram and excavate
8:30	A-1	0	8.5	8:30	A-4	0	6.0	8:30	E-1	0	5.3	8:30	D-1	0	5.5	N	35	hi-ram and excavate
8:45	A-1	0	9.4	8:45	A-4	0	6.2	8:45	E-1	0	5.5	8:45	D-1	0	5.6	N	35	hi-ram and excavate
9:00	A-1	0	9.2	9:00	A-4	0	6.3	9:00	E-1	0	5.5	9:00	D-1	0	5.7	N	35	hi-ram and excavate
9:15	A-1	0	9.1	9:15	A-4	0	6.3	9:15	E-1	0	5.7	9:15	D-1	0	5.7	N	35	hi-ram and excavate
9:30	A-1	0	9.2	9:30	A-4	0	6.5	9:30	E-1	0	5.7	9:30	D-1	0	5.6	N	35	hi-ram and excavate
9:45	A-1	0	9.5	9:45	A-4	0	6.5	9:45	E-1	0	5.6	9:45	D-1	0	5.6	N	35	hi-ram and excavate
10:00	A-1	0	9.6	10:00	A-4	0	6.6	10:00	E-1	0	5.7	10:00	D-1	0	5.6	N	35	hi-ram and excavate
10:15	A-1	0	9.8	10:15	A-4	0	6.9	10:15	E-1	0	5.8	10:15	D-1	0	5.5	N	35	hi-ram and excavate
10:30	A-1	0	10.1	10:30	A-4	0	7.1	10:30	E-1	0	5.9	10:30	D-1	0	5.6	N	35	hi-ram and excavate
10:45	A-1	0	10.4	10:45	A-4	0	7.0	10:45	E-1	0	5.9	10:45	D-1	0	5.4	N	35	hi-ram and excavate
11:00	A-1	0	10.2	11:00	A-4	0	7.0	11:00	E-1	0	6.0	11:00	D-1	0	5.6	N	35	hi-ram and excavate
11:00-11:30: secured site for holiday																		

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/23/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 004362

Weather: 54-59 degrees, raining, humidity = 90%
Air Monitoring Tech: Chris Repetti
Start time: 0700
End Time: 1430

Station 1				Station 2				Station 3				Station 4						
downwind				varied (see below)				varied (see below)				varied (see below)						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
7:15	A-1	*	*	7:15	A-4	0	37.2	7:15	E-1	0	24.3	7:15	D-1	0	25.0	NE	59	load trucks
7:30	A-1	*	*	7:30	A-4	0	29.4	7:30	E-1	0	25.2	7:30	D-1	0	25.2	NE	59	load trucks
7:45	A-1	*	*	7:45	A-4	0	33.6	7:45	E-1	0	25.8	7:45	D-1	0	28.7	NE	59	load trucks
8:00	A-1	*	*	8:00	A-4	0	37.5	8:00	E-1	0	25.8	8:00	D-1	0	37.3	NE	59	load trucks
8:15	A-1	*	*	8:15	A-4	0	39.2	8:15	E-1	0	26.4	8:15	D-1	0	39.4	N	59	load trucks
8:30	A-1	*	*	8:30	A-4	0	39.6	8:30	E-1	0	26.6	8:30	D-1	0	39.6	N	59	load trucks
8:45	A-1	*	*	8:45	A-4	0	41.2	8:45	E-1	0	28.3	8:45	D-1	0	30.2	N	57	load trucks
9:00	A-1	0	20.6	9:00	A-4	0	41.7	9:00	E-1	0	29.7	9:00	D-1	0	29.1	N	57	load trucks
9:15	A-1	0	21.6	9:15	A-4	0	42.5	9:15	E-1	0	30.0	9:15	D-1	0	29.6	N	57	load trucks
9:30	A-1	0	22.1	9:30	A-4	0	42.5	9:30	E-1	0	29.7	9:30	D-1	0	28.7	S	57	load trucks
9:47	A-1	0	22.3	9:45	A-4	0	41.6	9:45	E-1	0	29.6	9:45	D-1	0	28.3	S	57	load trucks
10:00	A-1	*	*	10:00	A-4	0	40.9	10:00	E-1	0	28.2	10:00	D-1	0	28.0	S	57	load trucks
10:15	A-1	*	*	10:15	A-4	0	40.0	10:15	E-1	0	28.9	10:15	D-1	0	26.9	S	57	load trucks
10:30	A-1	*	*	10:30	A-4	0	39.3	10:30	E-1	0	27.8	10:30	D-1	0	26.0	S	57	load trucks
10:45	A-1	*	*	10:45	A-4	0	38.6	10:45	E-1	0	27.5	10:45	D-1	0	25.2	S	58	load trucks
11:00	A-1	*	*	11:00	A-4	0	38.2	11:00	E-1	0	27.4	11:00	D-1	0	24.7	NW	58	load trucks
11:15	A-1	0	22.6	11:15	A-4	0	38.1	11:15	E-1	0	27.8	11:15	D-1	0	24.0	NW	58	load trucks
11:30	A-1	0	22.1	11:30	A-4	0	37.6	11:30	E-1	0	26.2	11:30	D-1	0	23.6	NW	58	lunch
11:45	A-1	0.031	21.7	11:45	A-4	0	37.5	11:45	E-1	0	26.1	11:45	D-1	0	23.5	NW	58	lunch
12:00	A-1	0.136	21.3	12:00	A-4	0	37.7	12:00	E-1	0	26.3	12:00	D-1	0	23.9	NW	58	lunch
12:15	A-1	0.164	20.8	12:15	A-4	0	37.8	12:15	E-1	0	23.7	12:15	D-1	0	21.8	NW	58	lunch
12:30	A-1	0	20.3	12:30	A-4	0	37.8	12:30	E-1	0	22.5	12:30	D-1	0	20.0	NW	58	excavate
12:45	A-1	0	19.7	12:45	A-4	0	37.2	12:45	E-1	0	22.1	12:45	D-1	0	19.7	NW	58	excavate
13:00	A-1	0	19.2	13:00	A-4	0	36.9	13:00	E-1	0	22.0	13:00	D-1	0	19.6	N	54	excavate
13:15	A-1	0	18.6	13:15	A-4	0	36.2	13:15	E-1	0	22.3	13:15	D-1	0	19.7	N	54	excavate
13:30	A-1	0	18.1	13:30	A-4	0	36.4	13:30	E-1	0	21.9	13:30	D-1	0	19.6	N	54	excavate
13:45	A-1	0	17.6	13:45	A-4	0	30.6	13:45	E-1	0	25.0	13:45	D-1	0	17.9	N	54	excavate
14:00	A-1	0	17.2	14:00	A-4	0	29.2	14:00	E-1	0	24.8	14:00	D-1	0	17.3	N	54	excavate
14:15	A-1	0	16.8	14:15	A-4	0	29.8	14:15	E-1	0	19.8	14:15	D-1	0	17.3	N	54	excavate
14:30	A-1	0	16.3	14:30	A-4	0	29.6	14:30	E-1	0	19.3	14:30	D-1	0	17.1	N	54	excavate

* Maxymillian's circuit breakers were tripping all morning due to inclement weather. Problem was resolved at 11:15 and monitors operated normally the rest of the day.

7:15-8:00: Station 4 upwind
8:15-9:15: Station 3 upwind
9:30-12:45: Station 2 upwind
13:00-14:30: Station 3 upwind

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/20/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 004362

Weather: 40-50 degrees, cloudy, humidity = 71%
Air Monitoring Tech: Chris Repetti
Start time: 0700
End Time: 1430

Station 1				Station 2				Station 3				Station 4						
downwind				upwind				downwind				downwind						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
7:15	A-1	0	23.4	7:15	A-4	0	27.2	7:15	E-1	0	29.9	7:15	D-1	0	29.6	S	40	load trucks
7:30	A-1	0	22.5	7:30	A-4	0	19.2	7:30	E-1	0	22.0	7:30	D-1	0	24.8	S	40	load trucks
7:45	A-1	0	21.4	7:45	A-4	0	18.9	7:45	E-1	0	21.7	7:45	D-1	0	21.6	S	40	load trucks
8:00	A-1	0	21.4	8:00	A-4	0	18.5	8:00	E-1	0	20.1	8:00	D-1	0	18.3	S	40	load trucks
8:15	A-1	0	20.9	8:15	A-4	0	18.4	8:15	E-1	0	18.5	8:15	D-1	0	19.2	SW	40	load trucks
8:30	A-1	0	20.6	8:30	A-4	0	18.2	8:30	E-1	0	17.9	8:30	D-1	0	18.6	S	43	load trucks
8:45	A-1	0	20.0	8:45	A-4	0	17.9	8:45	E-1	0	17.2	8:45	D-1	0	18.1	S	43	load trucks
9:00	A-1	0	19.7	9:00	A-4	0	17.5	9:00	E-1	0	16.6	9:00	D-1	0	17.2	S	43	load trucks
9:15	A-1	0	19.3	9:15	A-4	0	17.2	9:15	E-1	0	16.6	9:15	D-1	0	17.0	S	43	load trucks
9:30	A-1	0	19.0	9:30	A-4	0	17.0	9:30	E-1	0	16.2	9:30	D-1	0	16.8	S	43	load trucks
9:45	A-1	0	18.8	9:45	A-4	0	17.0	9:45	E-1	0	15.9	9:45	D-1	0	16.2	S	45	load trucks
10:00	A-1	0	18.5	10:00	A-4	0	17.0	10:00	E-1	0	15.7	10:00	D-1	0	16.0	S	45	load trucks
10:15	A-1	0	18.3	10:15	A-4	0	17.0	10:15	E-1	0	15.7	10:15	D-1	0	15.8	S	45	load trucks
10:30	A-1	0	18.0	10:30	A-4	0	16.4	10:30	E-1	0	15.5	10:30	D-1	0	15.6	S	45	load trucks
10:45	A-1	0	18.0	10:45	A-4	0	16.6	10:45	E-1	0	15.5	10:45	D-1	0	15.4	S	45	load trucks
11:00	A-1	0	18.9	11:00	A-4	0	16.6	11:00	E-1	0	15.0	11:00	D-1	0	15.1	S	45	load trucks
11:15	A-1	0	18.8	11:15	A-4	0	16.3	11:15	E-1	0	14.8	11:15	D-1	0	14.0	S	47	load trucks/excavate
11:30	A-1	0	18.7	11:30	A-4	0	16.3	11:30	E-1	0	14.6	11:30	D-1	0	13.5	SW	47	load trucks/excavate
11:45	A-1	0	18.7	11:45	A-4	0	16.3	11:45	E-1	0	14.4	11:45	D-1	0	12.5	SW	47	load trucks/excavate
12:00	lunch																	
12:15	lunch																	
12:30	lunch																	
12:45	A-1	0	18.5	12:45	A-4	0	16.4	12:45	E-1	0	14.4	12:45	D-1	0	9.6	SW	49	excavate/stockpile
13:00	A-1	0	18.0	13:00	A-4	0	16.4	13:00	E-1	0	14.5	13:00	D-1	0	9.6	SW	49	excavate/stockpile
13:15	A-1	0	19.5	13:15	A-4	0	16.8	13:15	E-1	0	14.3	13:15	D-1	0	9.4	SW	49	excavate/stockpile
13:30	A-1	0	20.5	13:30	A-4	0	16.5	13:30	E-1	0	14.1	13:30	D-1	0	9.3	SW	49	excavate/stockpile
13:45	A-1	0	21.5	13:45	A-4	0	16.7	13:45	E-1	0	14.1	13:45	D-1	0	9.2	SW	50	excavate/stockpile
14:00	A-1	0	21.7	14:00	A-4	0	17.0	14:00	E-1	0	14.3	14:00	D-1	0	8.7	SW	50	excavate/stockpile
14:15	A-1	0	21.6	14:15	A-4	0	17.2	14:15	E-1	0	14.2	14:15	D-1	0	8.5	SW	50	excavate/stockpile
14:30	A-1	-	-	14:30	A-4	0	17.6	14:30	E-1	0	14.2	14:30	D-1	0	8.1	SW	50	excavate/stockpile
14:30 - no reading on telemetry unit																		

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/19/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 004362

Weather: 31-44 degrees, p.cloudy, humidity = 59%
Air Monitoring Tech: Chris Repetti
Start time: 0700
End Time: 1430

Station 1				Station 2				Station 3				Station 4						
downwind				upwind				downwind				downwind						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
7:00	A-1	0	27.7	7:00	A-4	0	25.8	7:00	E-1	0	21.0	7:00	D-1	0	25.5	SW	31	load trucks
7:15	A-1	0	26.4	7:15	A-4	0	26.2	7:15	E-1	0	20.2	7:15	D-1	0	25.1	SW	32	load trucks
7:30	A-1	0	26.4	7:30	A-4	0	26.9	7:30	E-1	0	20.2	7:30	D-1	0	24.6	SW	32	load trucks
7:45	A-1	0	26.6	7:45	A-4	0	27.4	7:45	E-1	0	20.5	7:45	D-1	0	24.2	SW	32	load trucks
8:00	A-1	0	27.0	8:00	A-4	0	27.7	8:00	E-1	0	20.7	8:00	D-1	0	23.8	SW	34	load trucks
8:15	A-1	0	27.2	8:15	A-4	0	28.5	8:15	E-1	0	21.0	8:15	D-1	0	24.1	SW	34	load trucks
8:30	A-1	0	27.6	8:30	A-4	0	28.4	8:30	E-1	0	21.2	8:30	D-1	0	24.4	SW	34	load trucks
8:45	A-1	0	27.6	8:45	A-4	0	28.2	8:45	E-1	0	21.2	8:45	D-1	0	24.3	SW	34	load trucks
9:00	A-1	0	27.7	9:00	A-4	0	28.0	9:00	E-1	0	21.2	9:00	D-1	0	24.3	SW	35	load trucks
9:15	A-1	0.000	27.9	9:15	A-4	0	27.7	9:15	E-1	0	21.1	9:15	D-1	0	24.3	SW	35	load trucks
9:30	A-1	0	27.5	9:30	A-4	0	27.4	9:30	E-1	0	20.8	9:30	D-1	0	24.0	SW	35	load trucks
9:45	A-1	0	27.1	9:45	A-4	0	26.9	9:45	E-1	0	20.4	9:45	D-1	0	23.7	SW	35	load trucks
10:00	A-1	0	26.9	10:00	A-4	0	26.6	10:00	E-1	0	20.4	10:00	D-1	0	23.4	SW	37	load trucks
10:15	A-1	0	26.8	10:15	A-4	0	26.1	10:15	E-1	0	20.2	10:15	D-1	0	23.4	SW	37	load trucks
10:30	A-1	0	26.4	10:30	A-4	0	26.2	10:30	E-1	0	20.1	10:30	D-1	0	23.0	SW	37	load trucks
10:45	A-1	0	26.3	10:45	A-4	0	27.3	10:45	E-1	0	20.1	10:45	D-1	0	22.3	SW	37	load trucks
11:00	A-1	0	26.0	11:00	A-4	0	25.8	11:00	E-1	0	19.9	11:00	D-1	0	22.6	SW	37	load trucks
11:15	A-1	0	26.0	11:15	A-4	0	25.2	11:15	E-1	0	19.8	11:15	D-1	0	22.4	SW	37	load trucks
11:30	A-1	0	25.7	11:30	A-4	0	25.0	11:30	E-1	0	19.8	11:30	D-1	0	22.2	SW	41	load trucks
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	A-1	0	25.2	12:30	A-4	0	26.2	12:30	E-1	0	19.9	12:30	D-1	0	22.0	SW	42	no intrusive work
12:45	A-1	0	25.1	12:45	A-4	0	26.2	12:45	E-1	0	20.0	12:45	D-1	0	22.0	SW	42	no intrusive work
13:00	A-1	0	25.2	13:00	A-4	0	26.4	13:00	E-1	0	20.0	13:00	D-1	0	22.0	SW	44	load trucks
13:15	A-1	0	25.4	13:15	A-4	0	26.4	13:15	E-1	0	20.4	13:15	D-1	0	22.3	SW	44	load trucks
13:30	A-1	0	25.0	13:30	A-4	0	26.4	13:30	E-1	0	20.0	13:30	D-1	0	21.9	SW	44	cut rebar/excavate
13:45	A-1	0	25.6	13:45	A-4	0	26.4	13:45	E-1	0	20.0	13:45	D-1	0	20.6	SW	44	cut rebar/excavate
14:00	A-1	0	25.6	14:00	A-4	0	26.4	14:00	E-1	0	20.0	14:00	D-1	0	19.5	SW	44	cut rebar/excavate
14:15	A-1	0	25.8	14:15	A-4	0	26.4	14:15	E-1	0	20.0	14:15	D-1	0	19.1	SW	44	cut rebar/excavate
14:30	A-1	0	25.9	14:30	A-4	0	26.3	14:30	E-1	0	19.9	14:30	D-1	0	18.8	SW	44	cut rebar/excavate

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/18/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 004362

Weather: 24-37 degrees, p.cloudy, humidity = 73%
Air Monitoring Tech: Chris Repetti
Start time: 0715
End Time: 1430

Station 1				Station 2				Station 3				Station 4						
downwind				upwind				downwind				downwind						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
7:15	A-1	0	15.4	7:15	A-4	0	18.8	7:15	E-1	0	14.2	7:15	D-1	0	12.5	NW	24	load trucks/excavate
7:30	A-1	0	15.5	7:30	A-4	0	19.4	7:30	E-1	0	14.5	7:30	D-1	0	12.7	NW	24	load trucks/excavate
7:45	A-1	0	17.2	7:45	A-4	0	19.9	7:45	E-1	0	14.7	7:45	D-1	0	13.8	NW	24	load trucks/excavate
8:00	A-1	0	19.4	8:00	A-4	0	20.5	8:00	E-1	0	15.3	8:00	D-1	0	14.9	NW	24	load trucks/excavate
8:15	A-1	0	24.9	8:15	A-4	0	21.2	8:15	E-1	0	15.7	8:15	D-1	0	15.0	NW	24	load trucks/excavate
8:30	A-1	0	27.1	8:30	A-4	0	21.9	8:30	E-1	0	16.0	8:30	D-1	0	15.4	NW	27	load trucks/excavate
8:45	A-1	0	29.0	8:45	A-4	0	21.5	8:45	E-1	0	16.7	8:45	D-1	0	15.8	NW	27	load trucks/excavate
9:00	A-1	0	31.0	9:00	A-4	0	22.7	9:00	E-1	0	17.8	9:00	D-1	0	16.8	NW	27	load trucks/excavate
9:15	A-1	0.002	32.4	9:15	A-4	0	23.0	9:15	E-1	0	18.2	9:15	D-1	0	17.4	NW	27	excavate/cut steel
9:30	A-1	0	34.9	9:30	A-4	0	23.4	9:30	E-1	0	18.5	9:30	D-1	0	17.9	NW	27	excavate/cut steel
9:45	A-1	0	36.1	9:45	A-4	0	24.1	9:45	E-1	0	18.9	9:45	D-1	0	18.4	NW	30	excavate/cut steel
10:00	A-1	0	37.8	10:00	A-4	0	24.7	10:00	E-1	0	19.5	10:00	D-1	0	18.7	NW	30	excavate/cut steel
10:15	A-1	0	37.6	10:15	A-4	0	25.3	10:15	E-1	0	19.6	10:15	D-1	0	19.0	NW	30	excavate/cut steel
10:30	A-1	0	37.9	10:30	A-4	0	25.5	10:30	E-1	0	19.6	10:30	D-1	0	19.2	NW	31	hand clean vault
10:45	A-1	0	37.3	10:45	A-4	0	25.5	10:45	E-1	0	19.6	10:45	D-1	0	19.4	NW	31	hand clean vault
11:00	A-1	0	36.6	11:00	A-4	0	25.5	11:00	E-1	0	19.6	11:00	D-1	0	19.4	NW	31	excavating
11:15	A-1	0	36.0	11:15	A-4	0	25.7	11:15	E-1	0	19.6	11:15	D-1	0	19.7	NW	31	excavating
11:30	A-1	0	35.3	11:30	A-4	0	25.7	11:30	E-1	0	19.9	11:30	D-1	0	19.9	NW	32	no intrusive work
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	A-1	0	32.7	12:30	A-4	0	24.3	12:30	E-1	0	18.6	12:30	D-1	0	18.4	NW	32	excavating
12:45	A-1	0	32.1	12:45	A-4	0	24.2	12:45	E-1	0	18.4	12:45	D-1	0	18.2	NW	32	excavating
13:00	A-1	0	31.5	13:00	A-4	0	24.0	13:00	E-1	0	18.0	13:00	D-1	0	17.8	NW	37	moving stockpile
13:15	A-1	0	31.0	13:15	A-4	0	23.5	13:15	E-1	0	18.0	13:15	D-1	0	17.6	NW	37	moving stockpile
13:30	A-1	0	30.5	13:30	A-4	0	23.3	13:30	E-1	0	17.9	13:30	D-1	0	17.5	NW	37	moving stockpile
13:45	A-1	0	30.0	13:45	A-4	0	23.1	13:45	E-1	0	17.6	13:45	D-1	0	17.3	NW	37	moving stockpile
14:00	A-1	0	29.9	14:00	A-4	0	23.0	14:00	E-1	0	17.2	14:00	D-1	0	17.0	NW	37	moving stockpile
14:15	A-1	0	29.8	14:15	A-4	0	22.8	14:15	E-1	0	17.5	14:15	D-1	0	17.1	NW	37	move stockpile/bkfl
14:30	A-1	0	29.5	14:30	A-4	0	22.4	14:30	E-1	0	17.6	14:30	D-1	0	16.9	NW	37	move stockpile/bkfl

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/17/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 005556

Weather: 27-31 degrees, snowing, humidity = 49-90%
Air Monitoring Tech: Chris Repetti
Start time: 0700
End Time: 1430

Station 1				Station 2				Station 3				Station 4						
upwind				downwind				downwind				downwind						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
7:00	A-1	0	14.4	7:00	A-4	0	21.5	7:00	E-1	0	14.4	7:00	D-1	0	0.0	E	25	load trucks/excavate
7:15	A-1	0	14.9	7:15	A-4	0	21.9	7:15	E-1	0	14.9	7:15	D-1	0	0.0	E	25	load trucks/excavate
7:30	A-1	0	15.4	7:30	A-4	0	22.2	7:30	E-1	0	15.7	7:30	D-1	0	0.0	E	25	load trucks/excavate
7:45	A-1	0	16.1	7:45	A-4	0	22.8	7:45	E-1	0	15.9	7:45	D-1	0	0.0	E	25	load trucks/excavate
8:00	A-1	0	16.6	8:00	A-4	0	23.6	8:00	E-1	0	15.9	8:00	D-1	0	0.0	E	25	load trucks/excavate
8:15	A-1	0	17.3	8:15	A-4	0	21.9	8:15	E-1	0	16.3	8:15	D-1	0	0.0	NE	25	load trucks/excavate
8:30	A-1	0	27.0	8:30	A-4	0	20.7	8:30	E-1	0	16.8	8:30	D-1	0	0.0	NE	25	load trucks/excavate
8:45	A-1	0	26.2	8:45	A-4	0	20.4	8:45	E-1	0	14.5	8:45	D-1	0	0.0	NE	29	load trucks/excavate
9:00	A-1	0	26.8	9:00	A-4	0	19.8	9:00	E-1	0	14.2	9:00	D-1	0	0.0	NE	29	load trucks/excavate
9:15	A-1	0	26.5	9:15	A-4	0	19.2	9:15	E-1	0	14.2	9:15	D-1	0	0.0	NE	29	load trucks/excavate
9:30	A-1	0	26.3	9:30	A-4	0	18.6	9:30	E-1	0	13.9	9:30	D-1	0	0.0	NE	29	load trucks/excavate
9:45	A-1	0	26.0	9:45	A-4	0	18.0	9:45	E-1	0	13.3	9:45	D-1	0	0.0	NE	29	load trucks/excavate
10:00	A-1	0	25.8	10:00	A-4	0	18.8	10:00	E-1	0	13.0	10:00	D-1	0	0.0	NE	29	load trucks/excavate
10:15	A-1	0	25.7	10:15	A-4	0	17.7	10:15	E-1	0	14.5	10:15	D-1	0	0.0	NE	29	load trucks/excavate
10:30	A-1	0	25.9	10:30	A-4	0	17.7	10:30	E-1	0	15.5	10:30	D-1	0	0.0	NE	29	load trucks/excavate
10:45	A-1	0	25.7	10:45	A-4	0	18.4	10:45	E-1	0	15.8	10:45	D-1	0	0.0	NE	29	load trucks/excavate
11:00	A-1	0	26.2	11:00	A-4	0	18.3	11:00	E-1	0	16.2	11:00	D-1	0	0.0	NE	29	load trucks/excavate
11:15	A-1	0	26.3	11:15	A-4	0	17.9	11:15	E-1	0	16.1	11:15	D-1	0	0.0	NE	30	load trucks/excavate
11:30	lunch																	
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	A-1	0	27.1	12:30	A-4	0	24.3	12:30	E-1	0	17.2	12:30	D-1	0	0.0	NE	30	excavating
12:45	A-1	0	27.1	12:45	A-4	0	24.7	12:45	E-1	0	17.5	12:45	D-1	0	0.0	NE	30	excavating
13:00	A-1	0	28.0	13:00	A-4	0	24.3	13:00	E-1	0	17.0	13:00	D-1	0	0.0	NE	31	excavating
13:15	A-1	0	28.0	13:15	A-4	0	24.5	13:15	E-1	0	17.4	13:15	D-1	0	0.0	NE	31	excavating
13:30	A-1	0	29.4	13:30	A-4	0	25.3	13:30	E-1	0	17.8	13:30	D-1	0	0.0	NE	31	excavating
13:45	A-1	0	31.1	13:45	A-4	0	26.5	13:45	E-1	0	18.9	13:45	D-1	0	0.0	NE	31	excavating
14:00	A-1	0	31.6	14:00	A-4	0	27.0	14:00	E-1	0	19.7	14:00	D-1	0	0.0	NE	31	excavating
14:15	A-1	0	31.4	14:15	A-4	0	27.7	14:15	E-1	0	20.3	14:15	D-1	0	0.0	NE	31	excavating
14:30	A-1	0	31.4	14:30	A-4	0	25.4	14:30	E-1	0	21.0	14:30	D-1	0	0.0	NE	31	excavating

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/16/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 005556

Weather: 25-30 degrees, p. cloudy, humidity = 48%
Air Monitoring Tech: Chris Repetti
Start time: 0730
End Time: 1400

Station 1				Station 2				Station 3				Station 4						
downwind				upwind				downwind				downwind						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
8:00	A-1	0	18.8	8:00	A-4	0	14.0	8:00	E-1	0	1.4	8:00	D-1	0	0.9	W	26	load trucks
8:15	A-1	0	19.9	8:15	A-4	0	16.9	8:15	E-1	0	11.3	8:15				W	26	examined monitor
8:30	A-1	0	30.3	8:30	A-4	0	17.3	8:30	E-1	0	11.7	8:30				W	26	at Station 4
8:45	A-1	0	28.4	8:45	A-4	0	20.8	8:45	E-1	0	10.5	8:45	D-1	0	0.4	W	26	re-started Station 4
9:00	A-1	0	28.4	9:00	A-4	0	18.4	9:00	E-1	0	11.4	9:00	D-1	0	0.3	W	26	load trucks/excavate
9:15	A-1	0	26.8	9:15	A-4	0	17.6	9:15	E-1	0	11.4	9:15	D-1	0	0.2	W	26	load trucks/excavate
9:30	A-1	0	25.3	9:30	A-4	0	16.9	9:30	E-1	0	11.3	9:30	D-1	0	0.2	W	25	load trucks/excavate
9:45	A-1	0	24.7	9:45	A-4	0	16.8	9:45	E-1	0	11.3	9:45	D-1	0	0.2	W	25	load trucks/excavate
10:00	A-1	0	23.5	10:00	A-4	0	16.2	10:00	E-1	0	11.2	10:00	D-1	0	0.1	W	25	load trucks/excavate
10:15	A-1	0	23.4	10:15	A-4	0	15.8	10:15	E-1	0	11.2	10:15	D-1	0	0.1	NW	25	excavating
10:30	A-1	0	23.6	10:30	A-4	0	15.7	10:30	E-1	0	11.1	10:30	D-1	0	0.1	NW	25	excavating
10:45	A-1	0	23.2	10:45	A-4	0	15.4	10:45	E-1	0	11.1	10:45	D-1	0	0.1	NW	27	excavating
11:00	A-1	0	22.9	11:00	A-4	0	15.2	11:00	E-1	0	11.1	11:00	D-1	0	0.1	NW	27	excavating
11:15	A-1	0	22.7	11:15	A-4	0	15.2	11:15	E-1	0	11.1	11:15	D-1	0	0.1	NW	27	excavating
11:30	A-1	0	21.9	11:30	A-4	0	15.2	11:30	E-1	0	11.1	11:30	D-1	0	0.1	NW	27	excavating
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	A-1	0	19.3	12:30	A-4	0	14.2	12:30	E-1	0	10.6	12:30	D-1	0	0.0	NW	29	excavating
12:45	A-1	0	18.8	12:45	A-4	0	14.0	12:45	E-1	0	10.5	12:45	D-1	0	0.0	NW	29	excavating
13:00	A-1	0	18.4	13:00	A-4	0	13.6	13:00	E-1	0	10.5	13:00	D-1	0	0.0	NW	29	excavating
13:15	A-1	0	18.0	13:15	A-4	0	13.7	13:15	E-1	0	10.2	13:15	D-1	0	0.0	NW	29	excavating
13:30	A-1	0	17.6	13:30	A-4	0	13.5	13:30	E-1	0	10.0	13:30	D-1	0	0.0	NW	29	excavating
13:45	A-1	0	17.2	13:45	A-4	0	13.4	13:45	E-1	0	9.9	13:45	D-1	0	0.0	NW	30	excavating
14:00	A-1	0	18.1	14:00	A-4	0	13.4	14:00	E-1	0	9.9	14:00	D-1	0	0.0	NW	30	excavating
14:15	A-1	0	18.0	14:15	A-4	0	13.1	14:15	E-1	0	9.8	14:15	D-1	0	0.0	NW	30	excavating

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/13/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 005200 (am) 00556 (pm)

Weather: 24-32 degrees, cloudy, humidity = 43%
Air Monitoring Tech: Chris Repetti
Start time: 0700
End Time: 1400

Station 1				Station 2				Station 3				Station 4						
downwind				upwind				downwind				downwind						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
7:00	A-1	0	13.0	7:00	A-4	0	13.4	7:00	E-1	0	9.9	7:00	D-1	0	18.6	SW	24	excavating
7:15	A-1	0	13.0	7:15	A-4	0	13.8	7:15	E-1	0	10.3	7:15	water damage			SW	24	excavating
7:30	A-1	0	12.4	7:30	A-4	0	14.0	7:30	E-1	0	10.9	7:30	water damage			SW	24	excavating
7:45	A-1	0	13.0	7:45	A-4	0	19.2	7:45	E-1	0	10.9	7:45	water damage			SW	24	excavating
8:00	A-1	0	13.6	8:00	A-4	0	13.6	8:00	E-1	0	11.0	8:00	water damage			SW	25	excavating
8:15	A-1	0	13.6	8:15	A-4	0	13.9	8:15	E-1	0	11.3	8:15	water damage			SW	25	excavating
8:30	A-1	0	16.7	8:30	A-4	0	13.9	8:30	E-1	0	11.3	8:30	water damage			SW	25	excavating
8:45	A-1	0	20.1	8:45	A-4	0	13.9	8:45	E-1	0	11.2	8:45	water damage			SW	25	excavating
9:00	A-1	0	23.0	9:00	A-4	0	13.8	9:00	E-1	0	11.2	9:00	water damage			SW	27	excavating
9:15	A-1	0	21.7	9:15	A-4	0	13.7	9:15	E-1	0	11.4	9:15	water damage			SW	27	excavating
9:30	A-1	0	22.5	9:30	A-4	0	13.7	9:30	E-1	0	11.4	9:30	water damage			SW	27	excavating
9:45	A-1	0	23.8	9:45	A-4	0	13.7	9:45	E-1	0	11.3	9:45	water damage			W	27	excavating
10:00	A-1	0	25.2	10:00	A-4	0	13.7	10:00	E-1	0	11.3	10:00	water damage			W	27	excavating
10:15	A-1	0	26.7	10:15	A-4	0	13.6	10:15	E-1	0	11.3	10:15	water damage			W	27	excavating
10:30	A-1	0	30.2	10:30	A-4	0	13.6	10:30	E-1	0	11.3	10:30	water damage			W	27	excavating
10:45	A-1	0	30.3	10:45	A-4	0	13.5	10:45	E-1	0	11.3	10:45	water damage			W	29	hi-ram and excavate
11:00	A-1	0	30.9	11:00	A-4	0	13.5	11:00	E-1	0	11.4	11:00	water damage			W	29	hi-ram and excavate
11:15	A-1	0	35.3	11:15	A-4	0	13.5	11:15	E-1	0	11.4	11:15	water damage			W	29	hi-ram and excavate
11:30	lunch												water damage					
11:45	lunch												water damage					
12:00	lunch												water damage					
12:15	lunch												water damage					
12:30	A-1	0	29.4	12:30	A-4	0	12.3	12:30	E-1	0	11.2	12:30	D-1	0	1.1	W	32	hi-ram and excavate
12:45	A-1	0	28.6	12:45	A-4	0	12.9	12:45	E-1	0	11.2	12:45	D-1	0	1.3	W	32	hi-ram and excavate
13:00	A-1	0	29.3	13:00	A-4	0	12.8	13:00	E-1	0	11.1	13:00	D-1	0	1.1	W	32	hi-ram and excavate
13:15	A-1	0	29.4	13:15	A-4	0	12.8	13:15	E-1	0	11.1	13:15	D-1	0	0.9	W	32	hi-ram and excavate
13:30	A-1	0	30.0	13:30	A-4	0	12.8	13:30	E-1	0	11.1	13:30	D-1	0	0.8	W	32	hi-ram and excavate
13:45	A-1	0	29.5	13:45	A-4	0	12.6	13:45	E-1	0	10.9	13:45	D-1	0	0.6	W	32	hi-ram and excavate
14:00	A-1	0	28.8	14:00	A-4	0	12.5	14:00	E-1	0	10.8	14:00	D-1	0	0.4	W	32	hi-ram and excavate

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/12/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 005200

Weather: 23-28 degrees, fair, humidity = 40%
Air Monitoring Tech: Chris Repetti
Start time: 0700
End Time: 1445

Station 1				Station 2				Station 3				Station 4						
downwind				downwind				upwind				downwind						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
7:00	A-1	0	10.3	7:00	A-4	0	8.7	7:00	E-1	0	6.5	7:00	D-1	0	9.2	NW	23	backfilling
7:15	A-1	0	10.3	7:15	A-4	0	8.9	7:15	E-1	0	6.8	7:15	D-1	0	8.9	NW	23	received backfill
7:30	A-1	0	7.2	7:30	A-4	0	8.0	7:30	E-1	0	7.3	7:30	D-1	0	8.6	NW	23	backfill/excavating
7:45	A-1	0	8.6	7:45	A-4	0	8.1	7:45	E-1	0	7.3	7:45	D-1	0	8.6	NW	23	backfill/excavating
8:00	A-1	0	8.3	8:00	A-4	0	8.1	8:00	E-1	0	6.9	8:00	D-1	0	8.5	NW	23	moving soil
8:15	A-1	0	8.0	8:15	A-4	0	7.9	8:15	E-1	0	6.4	8:15	D-1	0	8.8	NW	23	moving soil
8:30	A-1	0	8.0	8:30	A-4	0	7.9	8:30	E-1	0	6.5	8:30	D-1	0	8.2	NW	23	backfill
8:45	A-1	0	8.7	8:45	A-4	0	7.4	8:45	E-1	0	7.4	8:45	D-1	0	8.7	NW	23	backfill
9:00	A-1	0	8.4	9:00	A-4	0	7.3	9:00	E-1	0	7.9	9:00	D-1	0	8.7	NW	24	backfill
9:15	A-1	0	8.2	9:15	A-4	0	7.3	9:15	E-1	0	7.9	9:15	D-1	0	8.7	NW	24	backfill
9:30	A-1	0	8.1	9:30	A-4	0	7.0	9:30	E-1	0	8.3	9:30	D-1	0	9.2	NW	24	excavating
9:45	A-1	0	8.4	9:45	A-4	0	7.0	9:45	E-1	0	8.4	9:45	D-1	0	9.2	NW	24	excavating
10:00	A-1	0	8.9	10:00	A-4	0	7.0	10:00	E-1	0	8.4	10:00	D-1	0	9.4	NW	24	excavating
10:15	A-1	0	8.9	10:15	A-4	0	7.0	10:15	E-1	0	8.2	10:15	D-1	0	9.1	NW	24	excavating
10:30	A-1	0	9.6	10:30	A-4	0	6.8	10:30	E-1	0	7.9	10:30	D-1	0	9.0	NW	25	excavating
10:45	A-1	0	10.2	10:45	A-4	0	6.6	10:45	E-1	0	7.6	10:45	D-1	0	8.8	NW	25	excavating
11:00	A-1	0	10.2	11:00	A-4	0	6.5	11:00	E-1	0	7.4	11:00	D-1	0	8.5	NW	26	excavating
11:15	A-1	0	12.0	11:15	A-4	0	6.5	11:15	E-1	0	7.4	11:15	D-1	0	8.4	NW	26	received backfill
11:30	A-1	0	12.3	11:30	A-4	0	6.5	11:30	E-1	0	7.4	11:30	D-1	0	8.4	NW	26	backfill/excavating
11:45	A-1	0	13.3	11:45	A-4	0	6.3	11:45	E-1	0	7.3	11:45	D-1	0	0.3	NW	26	backfill/excavating
12:00	A-1	0	13.0	12:00	A-4	0	6.2	12:00	E-1	0	7.2	12:00	D-1	0	8.1	NW	26	backfill/excavating
12:15	lunch																	
12:30	lunch																	
12:45	lunch																	
13:00	A-1	0	11.4	13:00	A-4	0	5.8	13:00	E-1	0	6.9	13:00	D-1	0	7.6	NW	28	excavating
13:17	A-1	0	11.3	13:15	A-4	0	5.8	13:15	E-1	0	6.8	13:15	D-1	0	7.5	NW	28	excavating
13:30	A-1	0	11.1	13:30	A-4	0	5.7	13:30	E-1	0	6.6	13:30	D-1	0	7.3	NW	28	excavating
13:45	A-1	0	11.4	13:45	A-4	0	5.7	13:45	E-1	0	6.4	13:45	D-1	0	7.0	NW	28	excavating
14:00	A-1	0	12.1	14:00	A-4	0	5.6	14:00	E-1	0	6.6	14:00	D-1	0	7.3	NW	28	received backfill
14:15	A-1	0	16.8	14:15	A-4	0	5.6	14:15	E-1	0	6.5	14:15	D-1	0	7.2	NW	28	excavating
14:30	A-1	0	24.5	14:30	A-4	0	5.6	14:30	E-1	0	6.3	14:30	D-1	0	7.0	NW	28	excavating
14:45	A-1	0	25.0	14:45	A-4	0	5.5	14:45	E-1	0	6.5	14:45	D-1	0	7.2	NW	28	excavating

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/11/2013
MultiRAE-VOC S/N: -
MultiRAE Calibration: -
Dust Meter Station 1 S/N: -
Dust Meter Station 2 S/N: -
Dust Meter Station 3 S/N: -
Dust Meter Station 4 S/N: -

Weather: 25-33 degrees
Air Monitoring Tech: Chris Repetti
Start time: -
End Time: -

Station 1				Station 2				Station 3				Station 4						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
No data collected, as no intrusive work was performed. CAMP equipment was relocated to the south remediation area.																		

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

SHAW ENVIRONMENTAL INFRASTRUCTURE
ENGINEERING OF NY, P.C.

CON EDISON KENT AVENUE SITE REMEDIATION
Brooklyn, NY

AIR MONITORING LOG

Date: 12/10/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 005200

Weather: 33-37 degrees, cloudy, humidity = 84-90%
Air Monitoring Tech: Chris Repetti
Start time: 0815
End Time: 1200

Station 1				Station 2				Station 3				Station 4						
downwind				downwind				downwind				upwind						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
8:15	F-2	0	28.7	8:15	E-1	0	31.0	8:15	D-1	0	23.1	8:15	E-3	0	32.9	NW	37	received backfill
8:30	F-2	0	26.9	8:30	E-1	0	30.7	8:30	D-1	0	23.8	8:30	E-3	0	32.7	NW	37	backfilling
8:45	F-2	0	26.3	8:45	E-1	0	30.4	8:45	D-1	0	22.5	8:45	E-3	0	32.8	NW	37	backfilling
9:00	break																	no intrusive work
9:15	break																	no intrusive work
9:30	F-2	0	24.5	9:30	E-1	0	21.9	9:30	D-1	0	21.9	9:30	E-3	0	32.7	SW	33	received backfill
9:45	F-2	0	24.6	9:45	E-1	0	21.7	9:45	D-1	0	21.7	9:45	E-3	0	32.4	SW	33	received backfill
10:00	F-2	0	22.3	10:00	E-1	0	21.6	10:00	D-1	0	21.6	10:00	E-3	0	32.4	SW	33	no intrusive work
10:15	F-2	0	22.8	10:15	E-1	0	21.6	10:15	D-1	0	21.6	10:15	E-3	0	32.4	SW	33	no intrusive work
10:30	F-2	0	22.8	10:30	E-1	0	21.9	10:30	D-1	0	21.9	10:30	E-3	0	32.4	SW	33	backfilling
10:45	F-2	0	22.6	10:45	E-1	0	21.9	10:45	D-1	0	21.9	10:45	E-3	0	32.6	NW	33	backfilling
11:00	F-2	0	22.5	11:00	E-1	0	22.5	11:00	D-1	0	22.5	11:00	E-3	0	33.6	NW	33	backfill completed
11:15	F-2	0	22.5	11:15	E-1	0	23.2	11:15	D-1	0	23.2	11:15	E-3	0	33.8	NW	33	no intrusive work
11:30	F-2	0	22.4	11:30	E-1	0	22.9	11:30	D-1	0	22.9	11:30	E-3	0	34.0	NW	33	no intrusive work
11:45	F-2	0	22.5	11:45	E-1	0	23.4	11:45	D-1	0	23.4	11:45	E-3	0	34.3	NW	33	no intrusive work
12:00	lunch																	
- 7:00-8:15 - no intrusive work. Mobilizing, running electrical cables, pulled through conduits																		
- no intrusive work performed after 11:00																		

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/9/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 005200

Weather: 34-38 degrees, rain, humidity = 95%
Air Monitoring Tech: Chris Repetti
Start time: 0730
End Time: 1415

Station 1				Station 2				Station 3				Station 4						
upwind				downwind				downwind				downwind						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
7:30	F-2	0	5.6	7:30	E-1	0	7.0	7:30	D-1	0	7.3	7:30	E-3	0	16.5	N	34	loading trucks
7:45	F-2	0	6.1	7:45	E-1	0	7.7	7:45	D-1	0	8.1	7:45	E-3	0	18.4	N	34	backfilling
8:00	F-2	0	6.7	8:00	E-1	0	9.6	8:00	D-1	0	9.3	8:00	E-3	0	21.3	NE	34	compaction
8:15	F-2	0	10.8	8:15	E-1	0	9.6	8:15	D-1	0	9.3	8:15	E-3	0	24.7	NE	34	received backfill
8:30	F-2	0	11.3	8:30	E-1	0	9.6	8:30	D-1	0	9.2	8:30	E-3	0	25.5	NE	34	loading trucks
8:45	F-2	0	12.1	8:45	E-1	0	9.6	8:45	D-1	0	9.3	8:45	E-3	0	26.3	NE	34	loading trucks
9:00	F-2	0	20.7	9:00	E-1	0	9.6	9:00	D-1	0	8.4	9:00	E-3	0	21.1	NE	33	received backfill
9:15	F-2	0	20.2	9:15	E-1	0	10.1	9:15	D-1	0	8.7	9:15	E-3	0	21.5	NE	35	loading trucks
9:30	F-2	0	19.6	9:30	E-1	0	10.3	9:30	D-1	0	8.9	9:30	E-3	0	21.7	NE	35	loading trucks
9:45	F-2	0	23.9	9:45	E-1	0	10.9	9:45	D-1	0	9.4	9:45	E-3	0	22.2	NE	35	loading trucks
10:00	F-2	0	23.3	10:00	E-1	0	10.4	10:00	D-1	0	8.9	10:00	E-3	0	21.7	NE	36	fog/loading trucks
10:15	F-2	0	23.3	10:15	E-1	0	10.3	10:15	D-1	0	8.8	10:15	E-3	0	21.7	N	36	cut rebar
10:30	F-2	0	23.5	10:30	E-1	0	10.4	10:30	D-1	0	8.8	10:30	E-3	0	21.6	N	36	cut rebar/backfill
10:45	F-2	0	23.4	10:45	E-1	0	11.0	10:45	D-1	0	9.2	10:45	E-3	0	21.7	N	36	cut rebar/backfill
11:00	F-2	0	23.9	11:00	E-1	0	11.3	11:00	D-1	0	9.6	11:00	E-3	0	21.7	N	37	cut rebar/backfill
11:15	F-2	0	23.6	12:00	E-2	0	11.5	12:00	D-1	0	9.6	12:00	E-4	0	22.6	N	37	received backfill
11:30	F-2	0	23.5	13:00	E-3	0	11.8	13:00	D-1	0	9.8	13:00	E-5	0	23.1	N	37	cut rebar/backfill
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	lunch																	
12:45	F-2	0	21.8	12:45	E-1	0	12.8	12:45	D-1	0	10.0	12:45	E-3	0	23.7	NW	38	demobilize
13:00	F-2	0	21.6	13:00	E-1	0	13.1	13:00	D-1	0	9.9	13:00	E-3	0	23.9	NW	38	demobilize
13:17	F-2	0	21.4	13:15	E-1	0	13.1	13:15	D-1	0	10.9	13:15	E-3	0	23.7	NW	38	demobilize
13:30	F-2	0	21.4	13:30	E-1	0	13.4	13:30	D-1	0	10.9	13:30	E-3	0	23.9	NW	38	received backfill
13:45	F-2	0	21.4	13:45	E-1	0	14.5	13:45	D-1	0	11.2	13:45	E-3	0	23.9	NW	38	backfilling
14:00	F-2	0	21.6	14:00	E-1	0	15.3	14:00	D-1	0	12.2	14:00	E-3	0	24.1	NW	38	backfilling
14:15	F-2	0	21.9	14:15	E-1	0	16.5	14:15	D-1	0	13.2	14:15	E-3	0	25.7	NW	38	backfilling

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/6/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 005200

Weather: 56-48 degrees, rain, humidity = 87-100%
Air Monitoring Tech: Chris Repetti
Start time: 0658
End Time: 1145

Station 1				Station 2				Station 3				Station 4						
upwind				downwind				downwind				downwind						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
6:58	F-2	0	47.9	7:00	E-1	0	12.7	7:00	D-1	0	9.8	7:00	E-3	0	3.6	SW	56	compaction
7:15	F-2	0	39.9	7:15	E-1	0	11.5	7:15	D-1	0	8.9	7:15	E-3	0	8.4	SW	56	load trucks
7:30	F-2	0	34.5	7:30	E-1	0	11.1	7:30	D-1	0	8.2	7:30	E-3	0	8.5	NW	54	load trucks
7:45	F-2	0	30.7	7:45	E-1	0	10.7	7:45	D-1	0	7.6	7:45	E-3	0	8.8	NW	54	load trucks
8:00	F-2	0	28.4	8:00	E-1	0	9.9	8:00	D-1	0	7.6	8:00	E-3	0	9.0	NW	53	load trucks
8:15	F-2	0	26.7	8:15	E-1	0	9.3	8:15	D-1	0	7.3	8:15	E-3	0	9.1	NW	53	load trucks
8:30	F-2	0	24.9	8:30	E-1	0	9.3	8:30	D-1	0	7.5	8:30	E-3	0	8.8	NW	53	load trucks
8:47	F-2	0	23.2	8:45	E-1	0	9.1	8:45	D-1	0	7.2	8:45	E-3	0	8.6	NW	53	load trucks
8:53	F-2	0	22.6	9:00	E-1	0	9.0	9:00	D-1	0	7.2	9:00	E-3	0	8.6	N	52	load trucks
9:11	F-2	0	21.3	9:15	E-1	0	8.8	9:15	D-1	0	7.1	9:15	E-3	0	8.5	N	52	load trucks
9:26	F-2	0	20.2	9:30	E-1	0	8.3	9:30	D-1	0	7.0	9:30	E-3	0	8.1	N	52	load trucks
9:45	F-2	0.001	19.1	9:45	E-1	0	8.1	9:45	D-1	0	6.9	9:45	E-3	0	8.0	N	52	excavating
10:00	F-2	0	18.4	10:00	E-1	0	8.0	10:00	D-1	0	6.9	10:00	E-3	0	7.8	N	49	excavating
10:15	F-2	0	17.7	10:15	E-1	0	8.0	10:15	D-1	0	6.7	10:15	E-3	0	7.8	N	49	excavating
10:30	F-2	0	17.1	10:30	E-1	0	8.0	10:30	D-1	0	6.8	10:30	E-3	0	7.9	N	49	excavating
10:50	F-2	0.009	16.5	10:45	E-1	0	7.9	10:45	D-1	0	6.6	10:45	E-3	0	7.8	N	49	excavating
11:00	F-2	0.014	16.3	11:00	E-1	0	8.7	11:00	D-1	0	6.8	11:00	E-3	0	8.0	N	48	received backfill
11:12	F-2	0.026	16.0	11:15	E-1	0	9.1	11:15	D-1	0	6.8	11:15	E-3	0	8.0	N	48	backfilling
11:30	F-2	0.147	16.0	11:30	E-1	0	9.0	11:30	D-1	0	6.8	11:30	E-3	0	7.6	N	48	backfilling
11:45	F-2	0.025	16.5	11:45	E-1	0	8.1	11:45	D-1	0	6.8	11:45	E-3	0	8.0	N	48	backfilling

The constant rain periodically caused a momentary interruption in the power to the equipment, disrupting the telemetry on Station #1. Therefore, the time for readings at Station 1 are a couple of minutes before or after the others

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/5/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 005200

Weather: 49-58 degrees, fog/rain, humidity = 96-97%
Air Monitoring Tech: Chris Repetti
Start time: 0700
End Time: 1530

hazy and humid - elevated dust readings due to high humidity

Station 1				Station 2				Station 3				Station 4						
UW before 10:30, then DW				upwind				downwind				DW before 10:30, then UW						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
7:00	F-2	0.011	60.3	7:00	E-1	0	141.5	7:00	D-1	0	115.8	7:00	E-3	0	186.4	NE	49	load trucks
7:15	re-zeroed units																	load trucks
7:30	re-zeroed units																	load trucks
7:45	F-2	0.029	110.9	7:45	E-1	0	147.6	7:45	D-1	0	125.6	7:45	E-3	0	175.3	NE	49	load trucks
8:00	F-2	0.039	107.5	8:00	E-1	0	129.2	8:00	D-1	0	113.4	8:00	E-3	0	156.9	E	50	load trucks
8:15	F-2	0.069	109.1	8:15	E-1	0	138.7	8:15	D-1	0	121.8	8:15	E-3	0	109.2	E	50	load trucks
8:30	F-2	0.103	116.5	8:30	E-1	0	142.6	8:30	D-1	0	130.5	8:30	E-3	0	179.7	E	50	excavating
8:45	F-2	0.105	125.2	8:45	E-1	0	151.5	8:45	D-1	0	132.4	8:45	E-3	0	184.7	NE	51	excavating
9:00	F-2	0.126	133.3	9:00	E-1	0	157.7	9:00	D-1	0	138.2	9:00	E-3	0	190.6	NE	51	break concrete
9:15	F-2	0.140	140.4	9:15	E-1	0	164.8	9:15	D-1	0	143.6	9:15	E-3	0	198.6	NE	51	break concrete
9:30	F-2	0.093	147.2	9:30	E-1	0	169.5	9:30	D-1	0	146.4	9:30	E-3	0	202.1	NE	51	cleaning vault
9:45	F-2	0.086	149.0	9:45	E-1	0	172.9	9:45	D-1	0	149.6	9:45	E-3	0	201.5	NE	51	cleaning vault
10:00	F-2	0.147	151.8	10:00	E-1	0	174.8	10:00	D-1	0	151.3	10:00	E-3	0	202.3	NE	53	clean vault by hand
10:15	F-2	0.142	154.3	10:15	E-1	0	176.1	10:15	D-1	0	152.3	10:15	E-3	0	201.1	NE	53	clean vault by hand
10:30	F-2	0.137	155.6	10:30	E-1	0	177.2	10:30	D-1	0	153.8	10:30	E-3	0	201.3	S	53	clean vault by hand
10:45	F-2	0.123	154.5	10:45	E-1	0	174.4	10:45	D-1	0	150.5	10:45	E-3	0	199.4	S	53	clean vault by hand
11:00	F-2	0.106	150.9	11:00	E-1	0	169.3	11:00	D-1	0	147.9	11:00	E-3	0	195.4	S	55	clean vault by hand
11:15	F-2	0.080	147.8	11:15	E-1	0	163.4	11:15	D-1	0	141.2	11:15	E-3	0	187.1	S	55	received backfill
11:30	F-2	0.094	143.2	11:30	E-1	0	156.2	11:30	D-1	0	134.2	11:30	E-3	0	185.8	S	55	received backfill
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	lunch																	
12:45	F-2	0.022	116.2	12:45	E-1	0	127.1	12:45	D-1	0	109.8	12:45	E-3	0	143.2	S	58	clean vault by hand
13:00	F-2	0.016	112.0	13:00	E-1	0	124.5	13:00	D-1	0	105.9	13:00	E-3	0	140.6	S	58	excavating
13:15	F-2	0.063	108.1	13:15	E-1	0	120.0	13:15	D-1	0	103.3	13:15	E-3	0	139.5	S	58	excavating
13:30	F-2	0	104.5	13:30	E-1	0	114.9	13:30	D-1	0	99.3	13:30	E-3	0	132.3	S	58	excavating
13:45	F-2	0	100.9	13:45	E-1	0	111.6	13:45	D-1	0	96.1	13:45	E-3	0	129.6	S	58	excavating
14:00	F-2	0	97.6	14:00	E-1	0	108.7	14:00	D-1	0	94.0	14:00	E-3	0	125.1	S	58	received backfill
14:15	F-2	0	94.5	14:15	E-1	0	104.6	14:15	D-1	0	90.1	14:15	E-3	0	121.5	S	58	backfilled vault
14:30	F-2	0	91.6	14:30	E-1	0	101.2	14:30	D-1	0	87.3	14:30	E-3	0	117.8	S	58	backfilled vault
14:45	F-2	0	88.9	14:45	E-1	0	95.5	14:45	D-1	0	84.7	14:45	E-3	0	113.2	S	58	backfilled vault
15:00	F-2	0	86.4	15:00	E-1	0	95.2	15:00	D-1	0	82.8	15:00	E-3	0	110.5	S	58	backfill
15:15	F-2	0	84.1	15:15	E-1	0	92.1	15:15	D-1	0	79.8	15:15	E-3	0	106.7	S	58	backfill
15:30	F-2	0	82.1	15:30	E-1	0	91.6	15:30	D-1	0	76.7	15:30	E-3	0	103.4	S	58	backfill
- notified Joe Baratta of Con Edison of elevated but disparate readings at 7:00; was instructed to re-zero all 4 units																		
- rezeroed units and recorded readings. Notified Joe B of Con Edison of new, more consistent readings. Was instructed to leave all units running and wait to see if the weather conditions improve																		
- Levels increased until approximately 1030 and then started to decrease in conjunction with the fog dissipating and humidity levels decreasing. Rich Cosme of Con Edison was alerted to the decrease in dust levels at approximately 1345																		

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/4/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 005200

Weather: 42-51 degrees, p. cloudy, humidity = 74%
Air Monitoring Tech: Chris Repetti
Start time: 0700
End Time: 1500

hazy and humid - elevated dust readings likely due to high humidity

Station 1				Station 2				Station 3				Station 4						
downwind				upwind				downwind				downwind						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
7:00	F-2	0	48.0	7:00	E-1	0	79.8	7:00	D-1	0	48.7	7:00	E-3	0	64.3	NE	42	load trucks
7:15	F-2	0	48.1	7:15	E-1	0	76.8	7:15	D-1	0	54.5	7:15	E-3	0	76.1	NE	42	load trucks
7:30	F-2	0	48.2	7:30	E-1	0	75.3	7:30	D-1	0	54.9	7:30	E-3	0	76.0	NE	42	load trucks
7:45	F-2	0	48.3	7:45	E-1	0	74.6	7:45	D-1	0	54.7	7:45	E-3	0	74.2	NE	42	load trucks
8:00	F-2	0	48.3	8:00	E-1	0	74.0	8:00	D-1	0	54.9	8:00	E-3	0	73.7	NE	42	received backfill
8:15	F-2	0	48.4	8:15	E-1	0	75.9	8:15	D-1	0	54.8	8:15	E-3	0	72.6	NE	42	received backfill
8:30	F-2	0	48.5	8:30	E-1	0	72.6	8:30	D-1	0	54.9	8:30	E-3	0	71.8	NE	45	break concrete
8:45	F-2	0	48.6	8:45	E-1	0	71.8	8:45	D-1	0	54.1	8:45	E-3	0	72.1	NE	45	excavating
9:00	F-2	0	48.6	9:00	E-1	0	70.5	9:00	D-1	0	53.6	9:00	E-3	0	70.8	NE	45	excavating
9:15	F-2	0	48.6	9:15	E-1	0	69.8	9:15	D-1	0	52.7	9:15	E-3	0	68.6	E	45	excavating
9:30	F-2	0	49.2	9:30	E-1	0	69.7	9:30	D-1	0	52.5	9:30	E-3	0	68.4	E	45	excavating
9:45	F-2	0	49.2	9:45	E-1	0	69.6	9:45	D-1	0	52.6	9:45	E-3	0	67.6	E	45	excavating
10:00	F-2	0	49.4	10:00	E-1	0	69.9	10:00	D-1	0	52.8	10:00	E-3	0	67.4	E	48	clean vault by hand
10:15	F-2	0	49.5	10:15	E-1	0	69.9	10:15	D-1	0	53.2	10:15	E-3	0	67.2	E	48	samples
10:30	F-2	0	49.7	10:30	E-1	0	69.7	10:30	D-1	0	53.3	10:30	E-3	0	67.1	E	48	backfill
10:45	F-2	0	50.1	10:45	E-1	0	69.7	10:45	D-1	0	53.5	10:45	E-3	0	67.1	E	48	backfill
11:00	F-2	0	50.5	11:00	E-1	0	69.9	11:00	D-1	0	53.5	11:00	E-3	0	67.2	E	48	backfill
11:15	F-2	0	50.7	11:15	E-1	0	70.2	11:15	D-1	0	54.1	11:15	E-3	0	68.2	E	51	backfill
11:30	F-2	0	51.4	11:30	E-1	0	70.2	11:30	D-1	0	54.2	11:30	E-3	0	68.3	E	51	backfill
11:45	F-2	0	51.8	11:45	E-1	0	70.1	11:45	D-1	0	54.3	11:45	E-3	0	68.7	E	51	backfill
12:00	lunch																	
12:15	lunch																	
12:30	lunch																	
12:45	lunch																	
13:00	F-2	0	52.7	13:00	E-1	0	71.3	13:00	D-1	0	56.0	13:00	E-3	0	71.1	NE	50	compacting/excav.
13:15	F-2	0	52.8	13:15	E-1	0	71.2	13:15	D-1	0	56.1	13:15	E-3	0	71.3	NE	50	compacting/excav.
13:30	F-2	0	52.9	13:30	E-1	0	71.0	13:30	D-1	0	55.9	13:30	E-3	0	71.1	SE	51	received backfill
13:45	F-2	0	53.0	13:45	E-1	0	70.7	13:45	D-1	0	55.6	13:45	E-3	0	70.9	SE	51	compacting/excav.
14:00	F-2	0	53.0	14:00	E-1	0	70.4	14:00	D-1	0	55.4	14:00	E-3	0	70.7	SE	51	break concrete
14:15	F-2	0	53.1	14:15	E-1	0	69.8	14:15	D-1	0	55.0	14:15	E-3	0	70.3	SE	51	break concrete
14:30	F-2	0	53.1	14:30	E-1	0	69.7	14:30	D-1	0	54.9	14:30	E-3	0	70.1	E	51	break concrete
14:45	F-2	0	53.1	14:45	E-1	0	69.0	14:45	D-1	0	54.4	14:45	E-3	0	69.5	E	51	break concrete
15:00	F-2	0	53.1	15:00	E-1	0	68.7	15:00	D-1	0	54.1	15:00	E-3	0	69.2	E	51	break concrete

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/3/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 005200

Weather: 40-52 degrees, p. cloudy, humidity = 84%
Air Monitoring Tech: Chris Repetti
Start time: 0715
End Time: 1500

hazy and humid - elevated dust readings likely due to high humidity

Station 1				Station 2				Station 3				Station 4						
downwind				downwind				upwind				downwind						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
7:15	F-2	0	49.8	7:15	E-1	0	58.8	7:15	D-1	0	96.1	7:15	E-3	0	90.2	N	39	excavating
7:30	F-2	0	50.2	7:30	E-1	0	68.4	7:30	D-1	0	92.3	7:30	E-3	0	86.4	N	40	load trucks
7:45	F-2	0	51.2	7:45	E-1	0	69.8	7:45	D-1	0	91.4	7:45	E-3	0	83.4	N	40	load trucks
8:00	F-2	0	52.7	8:00	E-1	0	67.8	8:00	D-1	0	87.9	8:00	E-3	0	80.5	N	40	load trucks
8:15	F-2	0	52.0	8:15	E-1	0	63.6	8:15	D-1	0	82.4	8:15	E-3	0	74.8	N	40	load trucks
8:33	F-2	0	51.4	8:30	E-1	0	62.8	8:30	D-1	0	80.6	8:30	E-3	0	74.4	N	40	received backfill
8:45	F-2	0	51.1	8:45	E-1	0	61.4	8:45	D-1	0	79.2	8:45	E-3	0	72.0	N	40	load trucks
9:00	F-2	0	51.0	9:00	E-1	0	60.0	9:00	D-1	0	77.4	9:00	E-3	0	70.9	NW	40	load trucks
9:15	F-2	0.009	54.7	9:15	E-1	0	59.1	9:15	D-1	0	76.3	9:15	E-3	0	69.6	NW	44	cut rebar
9:30	F-2	0	55.9	9:30	E-1	0	57.9	9:30	D-1	0	75.3	9:30	E-3	0	67.8	NW	44	cut rebar
9:45	F-2	0	55.1	9:45	E-1	0	56.7	9:45	D-1	0	73.4	9:45	E-3	0	66.0	NW	44	cut rebar
10:00	F-2	0	54.2	10:00	E-1	0	55.3	10:00	D-1	0	71.5	10:00	E-3	0	64.5	NW	44	break concrete
10:15	F-2	0	53.4	10:15	E-1	0	58.6	10:15	D-1	0	72.0	10:15	E-3	0	63.7	NW	44	cut rebar
10:30	F-2	0.003	53.2	10:30	E-1	0	56.9	10:30	D-1	0	72.5	10:30	E-3	0	63.2	SW	44	break concrete
10:45	F-2	0	54.5	10:45	E-1	0	58.3	10:45	D-1	0	72.8	10:45	E-3	0	61.9	SW	46	break concrete
11:00	F-2	0	54.7	11:00	E-1	0	57.5	11:00	D-1	0	72.6	11:00	E-3	0	60.6	SW	46	break concrete
11:15	lunch																	
11:30	lunch																	
11:45	lunch																	
12:00	F-2	0	52.3	12:00	E-1	0	55.0	12:00	D-1	0	68.0	12:00	E-3	0	58.4	SW	49	backfilling
12:15	F-2	0	52.9	12:15	E-1	0	54.5	12:15	D-1	0	67.3	12:15	E-3	0	58.2	SW	49	backfilling
12:30	F-2	0	53.0	12:30	E-1	0	54.0	12:30	D-1	0	66.7	12:30	E-3	0	58.0	SW	49	backfilling
12:45	F-2	0.006	52.7	12:45	E-1	0	53.2	12:45	D-1	0	65.7	12:45	E-3	0	57.7	SW	52	placing riprap
13:00	F-2	0.007	52.6	13:00	E-1	0	52.9	13:00	D-1	0	65.4	13:00	E-3	0	57.6	SW	52	placing riprap
13:15	F-2	0.024	52.7	13:15	E-1	0	52.4	13:15	D-1	0	65.0	13:15	E-3	0	57.7	SW	52	cut rebar
13:30	F-2	0.01	62.6	13:30	E-1	0	52.1	13:30	D-1	0	59.6	13:30	E-3	0	57.7	SW	52	placing riprap
13:45	F-2	0.014	52.5	13:45	E-1	0	51.7	13:45	D-1	0	64.1	13:45	E-3	0	57.7	SW	52	placing riprap
14:00	F-2	0.012	52.6	14:00	E-1	0	51.6	14:00	D-1	0	64.0	14:00	E-3	0	57.9	SW	52	excavating
14:15	F-2	0.011	52.6	14:15	E-1	0	51.5	14:15	D-1	0	63.9	14:15	E-3	0	58.0	SW	52	received backfill
14:30	F-2	0.01	53.3	14:30	E-1	0	51.8	14:30	D-1	0	64.0	14:30	E-3	0	58.1	SW	52	move debris
14:45	F-2	0.01	53.5	14:45	E-1	0	51.3	14:45	D-1	0	63.2	14:45	E-3	0	57.7	SW	52	move debris
15:00	F-2	0.01	53.1	15:00	E-1	0	50.8	15:00	D-1	0	62.5	15:00	E-3	0	57.1	SW	52	move debris

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)

AIR MONITORING LOG

Date: 12/2/2013
MultiRAE-VOC S/N: R19160 (Sta 1) & 19672 (2-4)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: 005423
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 005200

Weather: 43-52 degrees, cloudy, humidity = 64%
Air Monitoring Tech: Chris Repetti
Start time: 0730
End Time: 1500

Station 1				Station 2				Station 3				Station 4						
downwind				downwind				upwind				downwind						
Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Time	Location	VOCs	Dust	Wind	Temp.	Comments
7:30	F-2	0.02	20.4	7:30	E-1	0	27.2	7:30	D-1	0	32.8	7:30	E-3	0	36.7	NE	43	excavating
7:45	F-2	0.03	22.0	7:45	E-1	0	26.3	7:45	D-1	0	31.2	7:45	E-3	0	35.7	NE	43	excavating
8:00	F-2	0.05	23.0	8:00	E-1	0	25.5	8:00	D-1	0	29.5	8:00	E-3	0	34.8	NE	43	excavating
8:15	F-2	0.05	23.9	8:15	E-1	0	25.8	8:15	D-1	0	31.9	8:15	E-3	0	62.4	NE	43	excavating
8:30	F-2	0.07	24.8	8:30	E-1	0	26.2	8:30	D-1	0	31.8	8:30	E-3	0	56.3	NE	43	excavating
8:45	F-2	0.05	23.9	8:45	E-1	0	26.8	8:45	D-1	0	32.6	8:45	E-3	0	52.6	NE	43	excavating
9:00	F-2	0.06	26.3	9:00	E-1	0	27.0	9:00	D-1	0	33.0	9:00	E-3	0	53.7	NE	45	excavating
9:15	F-2	0.07	27.0	9:15	E-1	0.1	27.5	9:15	D-1	0.1	33.6	9:15	E-3	0	66.2	NE	45	break concrete
9:30	F-2	0.08	27.6	9:30	E-1	0.1	28.1	9:30	D-1	0.1	34.3	9:30	E-3	0	124.0	N	45	stop work
9:45	F-2	0.08	28.1	9:45	E-1	0	28.2	9:45	D-1	0	34.5	9:45	E-3	0	147.0	N	45	stop work
10:00	F-2	0.09	28.4	10:00	E-1	0	28.7	10:00	D-1	0	43.8	10:00	E-3	0	87.2	N	45	break concrete
10:15	F-2	0.09	28.9	10:15	E-1	0	28.9	10:15	D-1	0	35.5	10:15	E-3	0	81.2	N	47	break concrete
10:30	F-2	0.1	29.4	10:30	E-1	0.1	29.6	10:30	D-1	0.1	36.2	10:30	E-3	0	47.7	N	47	re-zeroed Sta. 1
10:45	F-2	0	30.0	10:45	E-1	0.1	29.9	10:45	D-1	0.1	36.4	10:45	E-3	0	48.0	N	47	recalibrate Sta. 4
11:00	F-2	0	30.6	11:00	E-1	0	30.0	11:00	D-1	0	37.1	11:00	E-3	0	47.9	N	47	excavating
11:15	F-2	0	31.1	11:15	E-1	0	30.5	11:15	D-1	0	37.6	11:15	E-3	0	49.4	N	47	clean vault by hand
11:30	F-2	0	31.7	11:30	E-1	0	30.9	11:30	D-1	0	38.2	11:30	E-3	0	50.1	N	48	clean vault by hand
11:45	F-2	0.01	32.2	11:45	E-1	0	31.4	11:45	D-1	0	38.9	11:45	E-3	0	50.1	N	48	clean vault by hand
12:00	lunch			12:00	E-1	0.1	31.8	12:00	D-1	0.1	39.4	12:00	E-3	0	50.4	N	48	clean vault by hand
12:15	lunch																	
12:30	lunch																	
12:45	lunch																	
13:00	lunch																	
13:15	F-2	0.01	35.4	13:15	E-1	0	11.2	13:15	D-1	0	42.1	13:15	E-3	0	53.7	NE	50	excavating
13:30	F-2	0.01	35.5	13:30	E-1	0	11.3	13:30	D-1	0	42.0	13:30	E-3	0	52.9	NE	50	excavating
13:45	F-2	0.02	35.5	13:45	E-1	0	11.3	13:45	D-1	0	41.9	13:45	E-3	0	52.5	NE	50	excavating
14:00	F-2	0.02	35.8	14:00	E-1	0	11.6	14:00	D-1	0	42.0	14:00	E-3	0	52..5	NE	50	shovel clean vault
14:15	F-2	0.02	36.0	14:15	E-1	0	11.8	14:15	D-1	0	42.1	14:15	E-3	0	52.4	NE	52	shovel clean vault
14:30	F-2	0.02	36.3	14:30	E-1	0	11.8	14:30	D-1	0	42.2	14:30	E-3	0	52.4	NE	52	shovel clean vault
14:45	F-2	0.01	36.6	14:45	E-1	0	12.0	14:45	D-1	0	42.4	14:45	E-3	0	52.5	NE	52	shovel clean vault
15:00	F-2	0.01	37.0	15:00	E-1	0	12.0	15:00	D-1	0	42.6	15:00	E-3	0	52.7	NE	52	excavating
7:30-8:30 - Trucks were idling on Division Ave.																		
9:30-9:45 - stopped work, repositioned water hoses, resumed work																		
9:45-10:00 - stopped work, added additional hose, resumed work																		

Notes: Per NYSDEC DER-10, Appendix 1A (NYSDOH CAMP), upwind VOC concentrations are measured at the start of each work day and if wind direction changes
VOCs - parts per million (ppm)
Dust - micrograms per cubic meter (µg/m3)