AIR MONITORING LOG

Date: 2/24/2014
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: 11321
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 003610

Weather: 36-39 degrees, fair, humidity = 56%
Air Monitoring Tech: Chris Repetti
Start time: 0700
End Time: 1500

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	0.013	4.3	7:00	A-4	0	4.1	7:00	E-1	0	4.8	7:00	D-1	0	5.1	SW	39	clean-up
7:15	A-1	0	4.8	7:15	A-4	0	4.0	7:15	E-1	0	4.5	7:15	D-1	0	5.3	SW	39	clean-up
7:30	A-1	0.001	4.9	7:30	A-4	0	4.1	7:30	E-1	0	4.5	7:30	D-1	0	5.5	NW	37	clean-up
7:45	A-1	0	5.1	7:45	A-4	0	4.7	7:45	E-1	0	4.7	7:45	D-1	0	7.4	NW	37	clean-up
8:00	A-1	0	5.5	8:00	A-4	0	5.0	8:00	E-1	0	4.7	8:00	D-1	0	9.0	NW	36	clean-up
8:15	A-1	0	6.0	8:15	A-4	0	5.2	8:15	E-1	0	4.9	8:15	D-1	0	10.9	NW	36	clean-up
8:30	A-1	0	6.3	8:30	A-4	0	5.8	8:30	E-1	0	5.3	8:30	D-1	0	11.3	NW	36	clean-up
8:45	A-1	0	6.6	8:45	A-4	0	6.4	8:45	E-1	0	5.9	8:45	D-1	0	16.2	NW	36	clean-up
9:00	A-1	0	7.0	9:00	A-4	0	6.7	9:00	E-1	0	6.2	9:00	D-1	0	18.1	W	36	clean-up
9:15	A-1	0	7.3	9:15	A-4	0	6.7	9:15	E-1	0	6.4	9:15	D-1	0	19.8	W	36	clean-up
9:30	A-1	0	7.6	9:30	A-4	0	7.0	9:30	E-1	0	6.6	9:30	D-1	0	21.0	W	36	backfill
9:45	A-1	0	7.8	9:45	A-4	0	7.2	9:45	E-1	0	6.9	9:45	D-1	0	22.2	W	37	backfill
10:00	A-1	0	8.2	10:00	A-4	0	7.4	10:00	E-1	0	7.5	10:00	D-1	0	22.9	W	37	backfill
10:15	A-1	0	8.4	10:15	A-4	0	7.4	10:15	E-1	0	7.7	10:15	D-1	0	23.7	W	37	no intrusive work
10:30	A-1	0	8.4	10:30	A-4	0	7.6	10:30	E-1	0	7.9	10:30	D-1	0	24.1	W	39	no intrusive work
10:45	A-1	0	8.5	10:45	A-4	0	7.7	10:45	E-1	0	7.9	10:45	D-1	0	23.9	W	39	no intrusive work
11:01	A-1	0	8.5	11:00	A-4	0	7.8	11:00	E-1	0	7.7	11:00	D-1	0	23.6	W	39	no intrusive work
11:15	A-1	0	8.6	11:15	A-4	0	7.9	11:15	E-1	0	7.7	11:15	D-1	0	23.6	W	39	no intrusive work
11:30	A-1	0	8.7	11:30	A-4	0	8.2	11:30	E-1	0	7.5	11:30	D-1	0	24.0	W	39	no intrusive work
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	A-1	0	8.3	12:30	A-4	0	8.1	12:30	E-1	0	7.6	12:30	D-1	0	21.8	W	39	backfill
12:45	A-1	0	8.2	12:45	A-4	0	7.7	12:45	E-1	0	8.0	12:45	D-1	0	22.2	W	39	backfill
13:00	A-1	0	8.1	13:00	A-4	0	7.5	13:00	E-1	0	7.9	13:00	D-1	0	20.7	NW	39	spread backfill
13:15	A-1	0	8.2	13:15	A-4	0	7.5	13:15	E-1	0	7.8	13:15	D-1	0	20.3	NW	39	spread backfill
13:30	A-1	0	8.1	13:30	A-4	0	7.3	13:30	E-1	0	7.7	13:30	D-1	0	19.8	NW	39	spread backfill
13:45	A-1	0	7.9	13:45	A-4	0	7.2	13:45	E-1	0	7.6	13:45	D-1	0	19.3	NW	39	spread backfill
14:00	A-1	0	7.9	14:00	A-4	0	7.2	14:00	E-1	0	7.6	14:00	D-1	0	18.8	NW	37	spread backfill
14:15	A-1	0	7.8	14:15	A-4	0	7.1	14:15	E-1	0	7.5	14:15	D-1	0	18.4	NW	37	spread backfill
14:30	A-1	0	7.8	14:30	A-4	0	7.0	14:30	E-1	0	7.5	14:30	D-1	0	18.0	NW	37	backfill
14:45	A-1	0	7.8	14:45	A-4	0	7.0	14:45	E-1	0	7.5	14:45	D-1	0	17.7	NW	36	spread backfill
15:00	A-1	0	7.7	15:00	A-4	0	6.9	15:00	E-1	0	7.4	15:00	D-1	0	17.3	NW	36	compaction

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: 2/21/2014
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: 11321
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 003610

Weather: 37-40 degrees, fog
Air Monitoring Tech: Chris Repetti
Start time: 0715
End Time: 1400

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
7:15	A-1	0	36.9	7:15	A-4	0	32.3	7:15	E-1	0	17.4	7:15	D-1	0	21.3	NE	37	spread bkfl/demobe
7:30	A-1	0	36.4	7:30	A-4	0	34.7	7:30	E-1	0	18.8	7:30	D-1	0	25.6	NE	37	spread bkfl/demobe
7:45	A-1	0	35.5	7:45	A-4	0	35.7	7:45	E-1	0	19.1	7:45	D-1	0	27.3	NE	37	spread bkfl/demobe
8:00	A-1	0	34.9	8:00	A-4	0	36.4	8:00	E-1	0	18.3	8:00	D-1	0	25.8	NE	37	spread bkfl/demobe
8:15	A-1	0	32.9	8:15	A-4	0	37.0	8:15	E-1	0	17.2	8:15	D-1	0	24.1	NE	37	spread bkfl/demobe
8:30	A-1	0	30.8	8:30	A-4	0	37.5	8:30	E-1	0	16.9	8:30	D-1	0	24.6	NE	37	spread bkfl/demobe
8:45	A-1	0	28.8	8:45	A-4	0	33.5	8:45	E-1	0	14.4	8:45	D-1	0	20.7	NE	37	spread bkfl/demobe
9:00	A-1	0	27.4	9:00	A-4	0	33.8	9:00	E-1	0	14.4	9:00	D-1	0	20.6	NE	37	spread bkfl/demobe
9:15	A-1	0	26.6	9:15	A-4	0	33.8	9:15	E-1	0	14.6	9:15	D-1	0	20.6	NE	37	compacting, clean up, spread backfill, and demobe
9:30	A-1	0	26.3	9:30	A-4	0	34.1	9:30	E-1	0	14.6	9:30	D-1	0	20.5	NE	37	
9:45	A-1	0	26.6	9:45	A-4	0	34.0	9:45	E-1	0	14.2	9:45	D-1	0	20.5	NE	37	
10:00	A-1	0	27.0	10:00	A-4	0	34.0	10:00	E-1	0	14.2	10:00	D-1	0	20.5	NE	37	
10:15	A-1	0	27.2	10:15	A-4	0	35.9	10:15	E-1	0	15.0	10:15	D-1	0	21.6	NE	37	clean up
10:30	A-1	0	27.5	10:30	A-4	0	37.5	10:30	E-1	0	15.3	10:30	D-1	0	22.4	NE	37	clean up
10:45	A-1	0	27.9	10:45	A-4	0	38.9	10:45	E-1	0	16.0	10:45	D-1	0	23.5	NE	37	clean up
11:01	A-1	0	28.0	11:00	A-4	0	40.8	11:00	E-1	0	16.7	11:00	D-1	0	24.3	NE	37	clean up
11:15	A-1	0	28.2	11:15	A-4	0	41.7	11:15	E-1	0	17.4	11:15	D-1	0	25.2	NE	37	clean up
11:30	A-1	0	28.5	11:30	A-4	0	42.1	11:30	E-1	0	27.4	11:30	D-1	0	25.6	NE	37	clean up
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	A-1	0	31.3	12:30	A-4	0	48.2	12:30	E-1	0	20.0	12:30	D-1	0	29.3	NE	39	spread backfill
12:45	A-1	0	32.4	12:45	A-4	0	49.9	12:45	E-1	0	21.3	12:45	D-1	0	30.4	NE	39	spread backfill
13:00	A-1	0	33.9	13:00	A-4	0	51.7	13:00	E-1	0	21.5	13:00	D-1	0	31.6	NE	39	spread backfill
13:15	A-1	0	34.8	13:15	A-4	0	52.2	13:15	E-1	0	21.7	13:15	D-1	0	31.6	NE	39	receive/spread bkfl
13:30	A-1	0	35.9	13:30	A-4	0	56.1	13:30	E-1	0	23.7	13:30	D-1	0	34.6	NE	39	receive/spread bkfl
13:45	A-1	0	36.7	13:45	A-4	0	57.2	13:45	E-1	0	24.5	13:45	D-1	0	35.4	NE	40	compacting
14:00	A-1	0	37.5	14:00	A-4	0	59.1	14:00	E-1	0	24.7	14:00	D-1	0	36.3	NE	40	compacting

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: 2/20/2014
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: 11321
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 003610

Weather: 29-49 degrees, sunny, humidity = 82%
Air Monitoring Tech: Chris Repetti
Start time: 0700
End Time: 1500

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	12.9	7:00	A-4	0	15.0	7:00	E-1	0	16.9	7:00	D-1	0	19.3	W	29	no intrusive work
7:15	A-1	0	15.3	7:15	A-4	0	15.4	7:15	E-1	0	17.6	7:15	D-1	0	21.2	W	29	spread bkfl/demobe
7:30	A-1	0	17.8	7:30	A-4	0	15.5	7:30	E-1	0	18.0	7:30	D-1	0	21.7	SW	37	spread bkfl/demobe
7:45	A-1	0	18.2	7:45	A-4	0	15.1	7:45	E-1	0	19.2	7:45	D-1	0	23.0	SW	37	spread bkfl/demobe
8:00	A-1	0	17.7	8:00	A-4	0	14.5	8:00	E-1	0	19.6	8:00	D-1	0	24.6	SW	37	spread bkfl/demobe
8:15	A-1	0.005	17.6	8:15	A-4	0	14.8	8:15	E-1	0	19.3	8:15	D-1	0	23.9	SW	37	spread bkfl/demobe
8:30	A-1	0	17.6	8:30	A-4	0	14.9	8:30	E-1	0	19.0	8:30	D-1	0	22.2	SW	38	spread bkfl/demobe
8:45	A-1	0	18.4	8:45	A-4	0	15.2	8:45	E-1	0	19.2	8:45	D-1	0	21.7	SW	38	spread bkfl/demobe
9:00	A-1	0	18.5	9:00	A-4	0	16.4	9:00	E-1	0	19.4	9:00	D-1	0	21.5	SW	42	spread bkfl/demobe
9:15	A-1	0	18.7	9:15	A-4	0	16.7	9:15	E-1	0	19.9	9:15	D-1	0	21.6	SW	42	spread bkfl/demobe
9:30	A-1	0	18.9	9:30	A-4	0	16.9	9:30	E-1	0	20.1	9:30	D-1	0	21.1	SW	42	receive backfill, spread backfill, clean up, and demobilize
9:45	A-1	0	19.2	9:45	A-4	0	17.2	9:45	E-1	0	20.4	9:45	D-1	0	21.2	SW	39	
10:00	A-1	0	19.4	10:00	A-4	0	18.0	10:00	E-1	0	19.1	10:00	D-1	0	20.8	SW	39	
10:15	A-1	0.004	19.7	10:15	A-4	0	18.4	10:15	E-1	0	19.4	10:15	D-1	0	20.6	SW	39	
10:30	A-1	0	19.8	10:30	A-4	0	18.7	10:30	E-1	0	19.6	10:30	D-1	0	20.3	SW	39	
10:45	A-1	0	19.8	10:45	A-4	0	18.7	10:45	E-1	0	19.7	10:45	D-1	0	20.3	SW	43	
11:01	A-1	0	19.8	11:00	A-4	0	19.0	11:00	E-1	0	19.5	11:00	D-1	0	20.0	SW	43	
11:15	A-1	0	19.8	11:15	A-4	0	19.0	11:15	E-1	0	19.2	11:15	D-1	0	19.7	SW	43	
11:30	A-1	0	19.9	11:30	A-4	0	19.6	11:30	E-1	0	19.2	11:30	D-1	0	19.4	SW	43	
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	A-1	0.004	19.8	12:30	A-4	0	19.6	12:30	E-1	0	19.0	12:30	D-1	0	19.9	SW	48	spread backfll, clean up, and demobilize
12:45	A-1	0.044	19.7	12:45	A-4	0	19.7	12:45	E-1	0	18.9	12:45	D-1	0	20.4	SW	48	
13:00	A-1	0.020	19.7	13:00	A-4	0	19.6	13:00	E-1	0	18.3	13:00	D-1	0	20.5	S	48	
13:15	A-1	0.003	19.8	13:15	A-4	0	20.0	13:15	E-1	0	18.3	13:15	D-1	0	21.2	S	48	
13:30	A-1	0.003	19.9	13:30	A-4	0	20.3	13:30	E-1	0	18.2	13:30	D-1	0	21.2	S	48	
13:45	A-1	0.014	19.9	13:45	A-4	0	20.3	13:45	E-1	0	18.2	13:45	D-1	0	21.5	W	46	
14:00	A-1	0.014	19.7	14:00	A-4	0	20.3	14:00	E-1	0	18.3	14:00	D-1	0	21.8	W	46	
14:15	A-1	0.015	19.6	14:15	A-4	0	20.2	14:15	E-1	0	18.0	14:15	D-1	0	22.1	W	49	
14:30	A-1	0.014	19.6	14:30	A-4	0	20.1	14:30	E-1	0	18.0	14:30	D-1	0	22.4	W	49	
14:45	A-1	0.011	19.3	14:45	A-4	0	20.1	14:45	E-1	0	17.9	14:45	D-1	0	22.8	W	49	
15:00	A-1	0.013	19.4	15:00	A-4	0	20.0	15:00	E-1	0	17.7	15:00	D-1	0	22.9	SW	47	

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: 2/19/2014
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: 11321
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 003610

Weather: 36-45 degrees, p. cloudy, humidity = 75%
Air Monitoring Tech: Chris Repetti
Start time: 0730
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
7:30	A-1	0	48.5	7:30	A-4	0	28.0	7:30	E-1	0	38.1	7:30	D-1	0	71.5	SE	36	clean up
7:45	A-1	0	47.0	7:45	A-4	0	28.9	7:45	E-1	0	34.8	7:45	D-1	0	67.7	E	38	clean up
8:00	A-1	0	45.1	8:00	A-4	0	28.4	8:00	E-1	0	35.3	8:00	D-1	0	64.2	E	38	clean up
8:15	A-1	0	43.3	8:15	A-4	0	27.3	8:15	E-1	0	35.9	8:15	D-1	0	62.0	E	38	clean up
8:30	A-1	0	41.9	8:30	A-4	0	26.6	8:30	E-1	0	36.2	8:30	D-1	0	62.6	E	38	clean up
8:45	A-1	0	41.5	8:45	A-4	0	26.8	8:45	E-1	0	35.5	8:45	D-1	0	58.3	NE	40	clean up
9:00	A-1	0	40.5	9:00	A-4	0	27.3	9:00	E-1	0	34.2	9:00	D-1	0	51.4	NE	40	clean up
9:15	A-1	0	39.7	9:15	A-4	0	27.7	9:15	E-1	0	34.0	9:15	D-1	0	49.5	NE	40	clean up
9:30	A-1	0	39.7	9:30	A-4	0	28.6	9:30	E-1	0	33.4	9:30	D-1	0	47.9	NE	40	clean up
9:45	A-1	0	39.2	9:45	A-4	0	29.9	9:45	E-1	0	32.1	9:45	D-1	0	42.1	E	43	clean up
10:00	A-1	0	39.0	10:00	A-4	0	30.5	10:00	E-1	0	31.9	10:00	D-1	0	41.9	E	43	clean up
10:15	A-1	0	38.7	10:15	A-4	0	31.2	10:15	E-1	0	31.7	10:15	D-1	0	40.7	E	43	clean up
10:30	A-1	0	38.8	10:30	A-4	0	31.8	10:30	E-1	0	31.7	10:30	D-1	0	39.4	E	45	clean up
10:45	A-1	0	38.8	10:45	A-4	0	33.1	10:45	E-1	0	31.7	10:45	D-1	0	38.3	E	45	clean up
11:00	A-1	0	38.8	11:00	A-4	0	34.2	11:00	E-1	0	31.6	11:00	D-1	0	37.7	E	45	clean up
11:15	A-1	0	38.8	11:15	A-4	0	34.4	11:15	E-1	0	31.6	11:15	D-1	0	37.7	SE	44	clean up
11:30	A-1	0	38.9	11:30	A-4	0	34.5	11:30	E-1	0	31.5	11:30	D-1	0	37.2	SE	44	clean up
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	A-1	0	41.4	12:30	A-4	0	38.9	12:30	E-1	0	33.0	12:30	D-1	0	37.3	NE	41	spread snow and backfll and clean up
12:45	A-1	0	42.4	12:45	A-4	0	42.4	12:45	E-1	0	33.4	12:45	D-1	0	37.3	NE	41	
13:00	A-1	0	43.0	13:00	A-4	0	43.6	13:00	E-1	0	33.8	13:00	D-1	0	37.7	NE	41	
13:15	A-1	0	43.6	13:15	A-4	0	44.8	13:15	E-1	0	34.0	13:15	D-1	0	37.7	NE	39	
13:30	A-1	0	44.3	13:30	A-4	0	45.8	13:30	E-1	0	34.5	13:30	D-1	0	38.0	NE	39	
13:45	A-1	0	45.1	13:45	A-4	0	47.9	13:45	E-1	0	34.5	13:45	D-1	0	38.2	NE	39	
14:00	A-1	0	46.1	14:00	A-4	0	50.0	14:00	E-1	0	35.3	14:00	D-1	0	39.1	NE	39	
14:15	A-1	0	47.0	14:15	A-4	0	51.6	14:15	E-1	0	35.9	14:15	D-1	0	39.6	NE	39	
14:30	A-1	0	47.8	14:30	A-4	0	52.2	14:30	E-1	0	36.4	14:30	D-1	0	40.0	NE	39	

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: 2/18/2014
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: 11321
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 003610

Weather: 30-39 degrees, snowing, humidity = 93%
Air Monitoring Tech: Chris Repetti
Start time: 0700
End Time: 1430

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
7:00	A-1	0	15.6	7:00	A-4	0	32.1	7:00	E-1	0	26.0	7:00	D-1	0	51.3	NE	30	general clean-up and spread backfill
7:15	A-1	0	17.3	7:15	A-4	0	29.6	7:15	E-1	0	26.2	7:15	D-1	0	52.2	NE	30	
7:30	A-1	0	19.9	7:30	A-4	0	30.9	7:30	E-1	0	26.8	7:30	D-1	0	53.1	NE	30	
7:45	A-1	0	22.1	7:45	A-4	0	29.9	7:45	E-1	0	27.4	7:45	D-1	0	53.7	NE	30	
8:00	A-1	0	23.2	8:00	A-4	0	31.2	8:00	E-1	0	25.5	8:00	D-1	0	50.2	NE	32	
8:15	A-1	0	23.6	8:15	A-4	0	32.0	8:15	E-1	0	24.1	8:15	D-1	0	44.8	NE	32	
8:30	A-1	0	23.9	8:30	A-4	0	32.6	8:30	E-1	0	24.5	8:30	D-1	0	43.9	NE	32	no intrusive work
8:45	A-1	0	24.4	8:45	A-4	0	33.1	8:45	E-1	0	25.8	8:45	D-1	0	43.7	NE	32	no intrusive work
9:00	A-1	0	25.0	9:00	A-4	0	33.7	9:00	E-1	0	25.3	9:00	D-1	0	43.3	NE	32	no intrusive work
9:15	A-1	0	26.0	9:15	A-4	0	34.2	9:15	E-1	0	24.9	9:15	D-1	0	42.9	NE	34	no intrusive work
9:30	A-1	0	26.7	9:30	A-4	0	35.0	9:30	E-1	0	25.0	9:30	D-1	0	42.2	NE	34	no intrusive work
9:45	A-1	0	27.8	9:45	A-4	0	34.6	9:45	E-1	0	25.0	9:45	D-1	0	41.5	NE	34	no intrusive work
10:00	A-1	0	28.9	10:00	A-4	0	34.5	10:00	E-1	0	25.0	10:00	D-1	0	40.6	NE	34	no intrusive work
10:15	A-1	0	29.8	10:15	A-4	0	35.7	10:15	E-1	0	26.8	10:15	D-1	0	41.3	NE	34	receive/spread bkfl
10:30	A-1	0	30.6	10:30	A-4	0	36.4	10:30	E-1	0	27.2	10:30	D-1	0	42.0	NE	34	receive/spread bkfl
10:45	A-1	0	32.0	10:45	A-4	0	36.3	10:45	E-1	0	27.4	10:45	D-1	0	41.5	NE	36	receive/spread bkfl
11:00	A-1	0	31.4	11:00	A-4	0	36.3	11:00	E-1	0	27.4	11:00	D-1	0	41.3	NE	36	receive/spread bkfl
11:15	A-1	0	31.5	11:15	A-4	0	36.0	11:15	E-1	0	27.4	11:15	D-1	0	41.3	NE	36	receive/spread bkfl
11:30	A-1	0	31.7	11:30	A-4	0	36.0	11:30	E-1	0	27.5	11:30	D-1	0	40.9	NE	36	receive/spread bkfl
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	A-1	0	33.3	12:30	A-4	0	37.8	12:30	E-1	0	28.1	12:30	D-1	0	40.6	NW	36	spread backfll and clean up
12:45	A-1	0	34.1	12:45	A-4	0	38.0	12:45	E-1	0	28.9	12:45	D-1	0	41.4	NW	36	
13:00	A-1	0	35.0	13:00	A-4	0	38.4	13:00	E-1	0	29.3	13:00	D-1	0	41.9	E	37	
13:15	A-1	0	35.7	13:15	A-4	0	39.5	13:15	E-1	0	29.3	13:15	D-1	0	41.2	E	37	
13:30	A-1	0	36.2	13:30	A-4	0	40.7	13:30	E-1	0	29.6	13:30	D-1	0	40.7	NE	39	
13:45	A-1	0	36.6	13:45	A-4	0	40.9	13:45	E-1	0	29.6	13:45	D-1	0	41.4	NE	39	load trucks, spread backfill, and clean up
14:00	A-1	0	37.1	14:00	A-4	0	41.2	14:00	E-1	0	29.8	14:00	D-1	0	42.4	SW	39	
14:15	A-1	0	37.4	14:15	A-4	0	41.9	14:15	E-1	0	30.2	14:15	D-1	0	42.4	SW	39	
14:30	A-1	0	37.5	14:30	A-4	0	42.9	14:30	E-1	0	30.8	14:30	D-1	0	42.9	SW	39	

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: 2/14/2014
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: 11321
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 003610

Weather: 34-41 degrees, cloudy, humidity = 87%
Air Monitoring Tech: Chris Repetti
Start time: 0701
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
7:01	A-1	0	4.4	shoveled pathway between CAMP 3 and 4												W	34	snow removal - shovel pathways to CAMP 2-4
7:15	A-1	0	5.2	shoveled around CAMP 2												W	34	
7:30	A-1	0	5.4	calibrated and dewinterized CAMPs 2-4												W	34	
7:45	A-1	0	5.8													W	34	
8:00	A-1	0	6.0													W	34	
8:15	A-1	0	6.2													W	34	
8:30	A-1	0	6.4	8:30	A-4	0	3.9	8:30	E-1	0	4.0	8:30	D-1	0	12.4	W	35	spread backfill
8:45	A-1	0	6.5	8:45	A-4	0	3.7	8:45	E-1	0	4.0	8:45	D-1	0	8.7	W	35	spread backfill
9:00	A-1	0	6.6	9:00	A-4	0	3.3	9:00	E-1	0	4.0	9:00	D-1	0	5.9	W	35	spread backfill
9:15	A-1	0	6.7	9:15	A-4	0	3.2	9:15	E-1	0	4.0	9:15	D-1	0	5.2	W	35	no intrusive work
9:30	A-1	0	6.6	9:30	A-4	0	2.7	9:30	E-1	0	3.9	9:30	D-1	0	4.4	W	35	spread backfill
9:45	A-1	0	6.5	9:45	A-4	0	2.3	9:45	E-1	0	3.7	9:45	D-1	0	3.5	W	35	spread backfill
10:00	A-1	0	6.5	10:00	A-4	0	2.1	10:00	E-1	0	3.6	10:00	D-1	0	2.7	W	35	spread backfill
10:15	A-1	0	6.4	10:15	A-4	0	2.7	10:15	E-1	0	3.5	10:15	D-1	0	2.7	W	35	spread backfill
10:30	A-1	0	6.4	10:30	A-4	0	2.6	10:30	E-1	0	3.3	10:30	D-1	0	2.5	W	35	spread backfill
10:45	A-1	0	6.3	10:45	A-4	0	2.5	10:45	E-1	0	3.3	10:45	D-1	0	2.5	W	35	spread backfill
11:00	A-1	0	6.3	11:00	A-4	0	2.5	11:00	E-1	0	3.2	11:00	D-1	0	2.4	W	37	spread backfill
11:15	A-1	0	6.3	11:15	A-4	0	2.8	11:15	E-1	0	3.3	11:15	D-1	0	2.4	W	37	spread backfill
11:30	A-1	0	6.3	11:30	A-4	0	2.8	11:30	E-1	0	3.3	11:30	D-1	0	2.4	W	37	spread backfill
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	A-1	0	7.6	12:30	A-4	0	3.9	12:30	E-1	0	5.2	12:30	D-1	0	2.0	W	37	no intrusive work
12:45	A-1	0	8.3	12:45	A-4	0	4.1	12:45	E-1	0	5.2	12:45	D-1	0	1.9	W	37	spread backfill
13:00	A-1	0	9.7	13:00	A-4	0	4.1	13:00	E-1	0	5.3	13:00	D-1	0	2.0	W	37	spread backfill
13:15	A-1	0	9.9	13:15	A-4	0	4.5	13:15	E-1	0	5.4	13:15	D-1	0	2.0	W	37	spread backfill
13:30	A-1	0	10.5	13:30	A-4	0	4.9	13:30	E-1	0	6.8	13:30	D-1	0	2.4	W	41	spread backfill
13:45	A-1	0	11.2	13:45	A-4	0	5.6	13:45	E-1	0	7.1	13:45	D-1	0	2.9	W	41	spread backfill
14:00	A-1	0	11.7	14:00	A-4	0	6.1	14:00	E-1	0	7.0	14:00	D-1	0	3.1	W	41	spread backfill

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: 2/13/2014
MultiRAE-VOC S/N: R19160 (Sta 1)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: -
Dust Meter Station 3 S/N: -
Dust Meter Station 4 S/N: -

Weather: 32-37 degrees, snow/wind, humidity = 93%
Air Monitoring Tech: Chris Repetti
Start time: 0700
End Time: 1500

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	11.7	no monitoring performed; site conditions due to snow/sleet were too hazardous to set up and monitor equipment. No dust visible.												NE	32	snow and turbidity curtain removal
7:15	A-1	0	10.7													NE	32	
7:30	A-1	0	14.6													NE	32	
7:45	A-1	0	14.2													NE	32	
8:00	A-1	0	13.9													NE	32	snow removal
8:15	A-1	0	13.2													NE	32	snow removal
8:30	A-1	0	12.9													NE	32	snow removal
8:45	A-1	0	12.5													NE	32	snow removal
9:00	A-1	0	11.9													NE	32	snow removal
9:15	A-1	0	11.5													NE	32	snow removal
9:30	A-1	0	11.2													NE	32	snow removal
9:45	A-1	0	10.9													NE	34	snow removal
10:00	A-1	0	10.6													NE	34	snow removal
10:15	A-1	0	10.3													NE	34	snow removal
10:30	A-1	0	10.1													NE	34	snow removal
10:45	A-1	0	9.9													NE	34	snow removal
11:00	A-1	0	9.7													NE	34	snow removal
11:15	A-1	0	9.6													NE	34	snow removal
11:30	A-1	0	9.5													NE	34	snow removal
11:45	A-1	0	9.4													NE	34	snow removal
12:00	A-1	0	9.4													NE	35	snow removal
12:15	A-1	0	9.3													NE	35	snow removal
12:30	A-1	0	9.1													NE	35	snow removal
12:45	A-1	0	8.8													NE	35	snow removal
13:00	A-1	0	8.6													NE	35	snow removal
13:15	A-1	0	8.4													NE	35	snow removal
13:30	A-1	0	8.1													NE	35	snow removal
13:45	A-1	0	8.0													NE	35	snow removal
14:00	A-1	0	7.8													NE	37	snow removal
14:15	A-1	0	7.6													NE	37	snow removal
14:30	A-1	0	7.5													NE	37	snow removal
14:45	A-1	0	7.3													NE	37	snow removal
15:00	A-1	0	7.2													NE	37	snow removal

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: 2/12/2014
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: 11321
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 003610

Weather: 19-27 degrees, sunny, humidity = 84%
Air Monitoring Tech: Chris Repetti
Start time: 0730
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
7:30	A-1	0	10..9	7:30	A-4	0	37.1	7:30	E-1	0	15.1	7:30	D-1	0	20.7	E	19	remove gravel from haul road, demobilize, and clean up site
7:45	A-1	0	11.0	7:45	A-4	0	33.0	7:45	E-1	0	14.2	7:45	D-1	0	18.6	E	19	
8:00	A-1	0	10.9	8:00	A-4	0	29.3	8:00	E-1	0	13.8	8:00	D-1	0	18.1	E	19	
8:15	A-1	0	10.5	8:15	A-4	0	27.1	8:15	E-1	0	13.0	8:15	D-1	0	17.5	E	19	
8:30	A-1	0	10.5	8:30	A-4	0	20.4	8:30	E-1	0	12.2	8:30	D-1	0	16.9	E	19	
8:45	A-1	0	10.4	8:45	A-4	0	14.6	8:45	E-1	0	11.9	8:45	D-1	0	16.2	E	19	
9:00	A-1	0	10.6	9:00	A-4	0	14.6	9:00	E-1	0	10.3	9:00	D-1	0	16.0	E	19	
9:15	A-1	0.003	10.7	9:15	A-4	0	14.4	9:15	E-1	0	11.9	9:15	D-1	0	16.7	E	19	
9:30	A-1	0	10.8	9:30	A-4	0	14.2	9:30	E-1	0	11.5	9:30	D-1	0	17.0	E	19	receive amd spread backfill, demobilize
9:45	A-1	0	10.8	9:45	A-4	0	13.9	9:45	E-1	0	11.2	9:45	D-1	0	17.1	NE	19	
10:00	A-1	0	10.8	10:00	A-4	0	13.4	10:00	E-1	0	11.2	10:00	D-1	0	17.2	NE	25	
10:15	A-1	0	10.8	10:15	A-4	0	13.5	10:15	E-1	0	11.2	10:15	D-1	0	17.3	NE	25	
10:30	A-1	0	10.8	10:30	A-4	0	13.6	10:30	E-1	0	11.5	10:30	D-1	0	17.7	NE	25	
10:45	A-1	0	10.7	10:45	A-4	0	13.9	10:45	E-1	0	11.5	10:45	D-1	0	17.2	NE	25	rolling compaction, demobilize, and cleaning haul road
11:00	A-1	0	10.6	11:00	A-4	0	14.0	11:00	E-1	0	11.4	11:00	D-1	0	16.5	NE	25	
11:15	A-1	0	11.1	11:15	A-4	0	13.9	11:15	E-1	0	11.5	11:15	D-1	0	16.1	NE	25	
11:30	A-1	0	11.1	11:30	A-4	0	14.1	11:30	E-1	0	11.7	11:30	D-1	0	16.0	NE	25	
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	A-1	0	10.8	12:30	A-4	0	12.3	12:30	E-1	0	11.2	12:30	D-1	0	15.8	NE	25	receive backfill
12:45	A-1	0	10.8	12:45	A-4	0	12.0	12:45	E-1	0	11.2	12:45	D-1	0	15.8	NE	25	spread backfill
13:00	A-1	0	10.7	13:00	A-4	0	11.9	13:00	E-1	0	10.9	13:00	D-1	0	15.6	NE	25	scrape gravel from haul road
13:15	A-1	0	10.7	13:15	A-4	0	11.5	13:15	E-1	0	10.4	13:15	D-1	0	15.3	NE	25	
13:30	A-1	0	10.6	13:30	A-4	0	11.5	13:30	E-1	0	10.6	13:30	D-1	0	15.3	NE	25	
13:45	A-1	0	10.5	13:45	A-4	0	11.6	13:45	E-1	0	10.5	13:45	D-1	0	15.3	NE	25	
14:00	A-1	0	10.4	14:00	A-4	0	11.6	14:00	E-1	0	10.5	14:00	D-1	0	15.3	NE	25	
14:15	A-1	0	10.4	14:15	A-4	0	11.3	14:15	E-1	0	10.2	14:15	D-1	0	15.3	NE	25	
14:30	A-1	0	10.3	14:30	A-4	0	11.3	14:30	E-1	0	10.3	14:30	D-1	0	15.3	NE	27	winterize equip.

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: 2/11/2014
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: 11321
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 003610

Weather: 19-28 degrees, sunny, humidity = 63%
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
7:30	A-1	0	14.3	7:30	A-4	0	15.3	7:30	E-1	0	13.0	7:30	D-1	0	17.8	W	19	receive and spread backfill, demobilize equipment
7:45	A-1	0	23.7	7:45	A-4	0	15.3	7:45	E-1	0	13.8	7:45	D-1	0	19.2	W	19	
8:00	A-1	0.02	22.2	8:00	A-4	0	14.7	8:00	E-1	0	13.8	8:00	D-1	0	19.9	W	19	
8:15	A-1	0.03	21.2	8:15	A-4	0	14.5	8:15	E-1	0	14.0	8:15	D-1	0	21.0	W	19	spread backfill and demobilize Delta and Maxymillian equipment
8:30	A-1	0.04	20.5	8:30	A-4	0	14.9	8:30	E-1	0	14.1	8:30	D-1	0	22.0	W	19	
8:45	A-1	0.04	19.8	8:45	A-4	0	15.1	8:45	E-1	0	14.2	8:45	D-1	0	21.0	W	19	
9:00	A-1	0.05	19.3	9:00	A-4	0	14.6	9:00	E-1	0	14.2	9:00	D-1	0	21.2	W	19	
9:15	A-1	0.054	18.6	9:15	A-4	0	14.3	9:15	E-1	0	14.1	9:15	D-1	0	21.2	W	19	
9:30	A-1	0.06	18.1	9:30	A-4	0	14.2	9:30	E-1	0	13.8	9:30	D-1	0	21.2	W	22	
9:45	A-1	0.06	17.6	9:45	A-4	0	14.0	9:45	E-1	0	13.2	9:45	D-1	0	20.8	W	22	
10:00	A-1	0.06	17.2	10:00	A-4	0	13.7	10:00	E-1	0	12.0	10:00	D-1	0	20.6	W	22	
10:15	A-1	0.07	16.8	10:15	A-4	0	13.4	10:15	E-1	0	12.0	10:15	D-1	0	20.6	W	22	
10:30	A-1	0.06	16.5	10:30	A-4	0	13.2	10:30	E-1	0	12.3	10:30	D-1	0	19.5	W	22	
10:45	A-1	0.06	16.1	10:45	A-4	0	13.2	10:45	E-1	0	12.7	10:45	D-1	0	18.7	SW	22	
11:00	A-1	0.06	15.8	11:00	A-4	0	13.0	11:00	E-1	0	12.7	11:00	D-1	0	18.1	SW	22	
11:15	A-1	0.06	15.5	11:15	A-4	0	12.9	11:15	E-1	0	12.8	11:15	D-1	0	16.7	SW	25	receive and spread backfill, demobilize equipment
11:30	A-1	0.05	15.2	11:30	A-4	0	12.6	11:30	E-1	0	12.9	11:30	D-1	0	16.2	SW	25	
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	A-1	0.05	14.1	12:30	A-4	0	12.1	12:30	E-1	0	12.7	12:30	D-1	0	16.7	W	25	backfill
12:45	A-1	0.05	13.8	12:45	A-4	0	12.6	12:45	E-1	0	12.5	12:45	D-1	0	16.5	W	28	receive backfill
13:00	A-1	0.05	13.6	13:00	A-4	0	12.7	13:00	E-1	0	12.5	13:00	D-1	0	16.3	W	28	demob decon shed
13:15	A-1	0.06	13.4	see note				13:15	E-1	0	12.3	13:15	D-1	0	16.4	W	28	demob decon shed
13:30	A-1	0.05	13.2	see note				13:30	E-1	0	12.2	13:30	D-1	0	16.0	W	28	demob decon shed
13:45	A-1	0.06	13.0	see note				13:45	E-1	0	11.8	13:45	D-1	0	15.7	W	28	demob decon shed
14:00	A-1	0.06	12.8	see note				14:00	E-1	0	11.5	14:00	D-1	0	15.2	W	28	demob decon shed

Note: CAMP 2 was disconnected from AC power due to demobilization. It ran on battery until it ran out of power. Was brought inside to recharge overnight. Will be put back into service on 2/12/14

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: 2/10/2014
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: 11321
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 003610

Weather: 25-32 degrees, fair, humidity = 70%
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	14.4	7:00	A-4	0	18.0	7:00	E-1	0	19.1	7:00	D-1	0	21.5	W	25	spread backfill, hand clean, and excavate
7:15	A-1	0	14.8	7:15	A-4	0	18.6	7:15	E-1	0	19.7	7:15	D-1	0	20.9	W	25	
7:30	A-1	0	15.2	7:30	A-4	0	19.0	7:30	E-1	0	20.0	7:30	D-1	0	20.8	W	25	
7:45	A-1	0	15.8	7:45	A-4	0	19.2	7:45	E-1	0	20.0	7:45	D-1	0	20.8	W	25	
8:00	A-1	0	16.5	8:00	A-4	0	19.2	8:00	E-1	0	20.2	8:00	D-1	0	20.8	W	25	
8:15	A-1	0	16.7	8:15	A-4	0	19.0	8:15	E-1	0	19.9	8:15	D-1	0	21.7	W	25	
8:30	A-1	0	16.9	8:30	A-4	0	18.9	8:30	E-1	0	19.6	8:30	D-1	0	24.6	W	25	
8:45	A-1	0	17.0	8:45	A-4	0	18.4	8:45	E-1	0	19.6	8:45	D-1	0	28.8	W	25	
9:00	A-1	0	17.1	9:00	A-4	0	18.1	9:00	E-1	0	19.6	9:00	D-1	0	30.1	W	25	
9:15	A-1	0	17.1	9:15	A-4	0	17.5	9:15	E-1	0	18.7	9:15	D-1	0	29.2	W	25	
9:30	A-1	0	17.0	9:30	A-4	0	16.8	9:30	E-1	0	17.9	9:30	D-1	0	27.6	W	27	
9:45	A-1	0	16.8	9:45	A-4	0	16.4	9:45	E-1	0	17.5	9:45	D-1	0	27.1	W	27	
10:00	A-1	0	16.8	10:00	A-4	0	16.0	10:00	E-1	0	16.7	10:00	D-1	0	26.0	W	27	load trucks/bkfl
10:15	A-1	0	16.7	10:15	A-4	0	15.9	10:15	E-1	0	16.3	10:15	D-1	0	25.7	W	27	load trucks/bkfl
10:30	A-1	0	16.6	10:30	A-4	0	15.6	10:30	E-1	0	16.0	10:30	D-1	0	24.5	NW	27	load trucks/bkfl
10:45	A-1	0	16.4	10:45	A-4	0	14.9	10:45	E-1	0	16.0	10:45	D-1	0	23.7	NW	27	load trucks/bkfl
11:00	A-1	0	16.2	11:00	A-4	0	14.9	11:00	E-1	0	15.8	11:00	D-1	0	23.4	NW	27	load trucks/bkfl
11:15	A-1	0	16.0	11:15	A-4	0	14.6	11:15	E-1	0	15.4	11:15	D-1	0	23.2	NW	27	load trucks/bkfl
11:30	A-1	0	15.8	11:30	A-4	0	13.8	11:30	E-1	0	15.0	11:30	D-1	0	22.8	W	29	load trucks/bkfl
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	A-1	0	15.2	12:30	A-4	0	13.6	12:30	E-1	0	14.6	12:30	D-1	0	22.9	W	32	load trucks/bkfl
12:45	A-1	0	15.1	12:45	A-4	0	12.9	12:45	E-1	0	14.0	12:45	D-1	0	21.8	W	32	load trucks/bkfl
13:00	A-1	0	14.9	13:00	A-4	0	12.8	13:00	E-1	0	13.7	13:00	D-1	0	21.3	W	32	load trucks/bkfl
13:15	A-1	0	14.8	13:15	A-4	0	12.5	13:15	E-1	0	13.4	13:15	D-1	0	20.7	W	32	load trucks/bkfl
13:30	A-1	0	14.7	13:30	A-4	0	12.2	13:30	E-1	0	12.8	13:30	D-1	0	19.2	W	32	load trucks/bkfl
13:45	A-1	0	14.6	13:45	A-4	0	11.9	13:45	E-1	0	12.3	13:45	D-1	0	18.7	W	32	hand cleaning
14:00	A-1	0	14.5	14:00	A-4	0	11.7	14:00	E-1	0	12.3	14:00	D-1	0	18.4	W	32	hand cleaning
14:15	A-1	0	14.4	14:15	A-4	0	11.5	14:15	E-1	0	12.1	14:15	D-1	0	18.2	W	32	hand cleaning
14:30	A-1	0	14.3	14:30	A-4	0	11.2	14:30	E-1	0	11.7	14:30	D-1	0	18.2	W	32	load truck with truck wash gravel

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: 2/7/2014
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: 11321
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 003610

Weather: 24-34 degrees, sunny, humidity = 70%
Air Monitoring Tech: Chris Repetti
Start time: 0730
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
7:30	A-1	0	11.9	7:30	A-4	0	15.2	7:30	E-1	0	13.7	7:30	D-1	0	14.9	W	24	no intrusive work
7:45	A-1	0	11.8	7:45	A-4	0	14.3	7:45	E-1	0	12.2	7:45	D-1	0	14.5	W	24	no intrusive work
8:00	A-1	0	12.2	8:00	A-4	0	14.3	8:00	E-1	0	11.0	8:00	D-1	0	14.3	W	25	no intrusive work
8:15	A-1	0	12.8	8:15	A-4	0	14.4	8:15	E-1	0	11.6	8:15	D-1	0	14.7	W	25	spread backfill
8:30	A-1	0	13.5	8:30	A-4	0	14.4	8:30	E-1	0	11.9	8:30	D-1	0	15.2	W	25	spread backfill
8:45	A-1	0	14.0	8:45	A-4	0	14.8	8:45	E-1	0	11.9	8:45	D-1	0	15.8	W	25	spread backfill
9:00	A-1	0	14.5	9:00	A-4	0	14.8	9:00	E-1	0	12.4	9:00	D-1	0	16.6	W	25	spread backfill
9:15	A-1	0	14.7	9:15	A-4	0	14.8	9:15	E-1	0	12.7	9:15	D-1	0	16.9	W	27	spread backfill
9:30	A-1	0	14.8	9:30	A-4	0	14.4	9:30	E-1	0	13.0	9:30	D-1	0	17.0	W	27	load trucks/bkfl
9:45	A-1	0	15.1	9:45	A-4	0	14.2	9:45	E-1	0	13.5	9:45	D-1	0	17.3	W	29	load trucks/bkfl
10:00	A-1	0	15.3	10:00	A-4	0	13.9	10:00	E-1	0	13.6	10:00	D-1	0	17.3	W	29	load trucks/bkfl
10:15	A-1	0	15.2	10:15	A-4	0	13.5	10:15	E-1	0	15.3	10:15	D-1	0	17.4	W	29	load trucks/bkfl
10:30	A-1	0	15.1	10:30	A-4	0	13.3	10:30	E-1	0	17.6	10:30	D-1	0	17.4	W	29	load trucks/bkfl
10:45	A-1	0	15.2	10:45	A-4	0	12.9	10:45	E-1	0	17.6	10:45	D-1	0	17.4	W	29	load trucks/bkfl
11:00	A-1	0	15.1	11:00	A-4	0	12.6	11:00	E-1	0	17.5	11:00	D-1	0	17.5	W	30	load trucks/bkfl
11:15	A-1	0	15.2	11:15	A-4	0	12.5	11:15	E-1	0	17.6	11:15	D-1	0	17.5	W	30	load trucks/bkfl
11:30	A-1	0	15.5	11:30	A-4	0	12.6	11:30	E-1	0	17.5	11:30	D-1	0	17.5	SW	30	load trucks/bkfl
11:45	A-1	0	15.5	11:45	A-4	0	12.4	11:45	E-2	0	17.3	11:45	D-1	0	17.3	SW	30	load trucks/bkfl
12:00	A-1	0	15.6	12:00	A-4	0	12.3	12:00	E-2	0	17.3	12:00	D-1	0	17.3	SW	30	spread backfill
12:15	A-1	0	15.7	12:15	A-4	0	12.3	12:15	E-3	0	16.8	12:15	D-1	0	17.3	SW	30	spread backfill
12:30	A-1	0	15.4	12:30	A-4	0	12.3	12:30	E-1	0	16.4	12:30	D-1	0	17.3	SW	30	spread backfill
12:45	A-1	0	15.2	12:45	A-4	0	12.0	12:45	E-1	0	16.3	12:45	D-1	0	17.3	W	30	spread backfill
13:00	A-1	0	14.9	13:00	A-4	0	11.7	13:00	E-1	0	16.1	13:00	D-1	0	17.1	W	30	spread backfill
13:15	A-1	0	14.7	13:15	A-4	0	11.7	13:15	E-1	0	15.8	13:15	D-1	0	16.9	W	34	spread backfill
13:30	A-1	0	14.5	13:30	A-4	0	11.5	13:30	E-1	0	15.1	13:30	D-1	0	16.3	W	34	spread backfill
13:45	A-1	0	14.4	13:45	A-4	0	11.4	13:45	E-1	0	14.8	13:45	D-1	0	16.3	W	34	load trucks/bkfl
14:00	A-1	0	14.4	14:00	A-4	0	11.4	14:00	E-1	0	14.7	14:00	D-1	0	15.9	W	34	load trucks/bkfl
14:15	A-1	0	14.4	14:15	A-4	0	11.3	14:15	E-1	0	14.5	14:15	D-1	0	15.7	W	34	load trucks/bkfl
14:30	A-1	0	14.3	14:30	A-4	0	11.3	14:30	E-1	0	14.2	14:30	D-1	0	15.7	W	34	load trucks/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: 2/6/2014
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: 11321
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 003610

Weather: 26-32 degrees, cloudy, humidity = 76%
Air Monitoring Tech: Chris Repetti
Start time: 0745
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
7:45	A-1	0	10.0	7:45	A-4	0	6.5	7:45	E-1	0	4.9	7:45	D-1	0	9.2	W	26	spread backfill, rolling, and compaction testing
8:00	A-1	0	11.0	8:00	A-4	0	7.1	8:00	E-1	0	5.2	8:00	D-1	0	9.9	W	26	
8:15	A-1	0	10.9	8:15	A-4	0	7.9	8:15	E-1	0	5.9	8:15	D-1	0	10.4	W	26	
8:30	A-1	0	10.7	8:30	A-4	0	8.2	8:30	E-1	0	7.3	8:30	D-1	0	10.7	W	26	
8:45	A-1	0	11.0	8:45	A-4	0	8.2	8:45	E-1	0	7.7	8:45	D-1	0	11.2	SE	26	
9:00	A-1	0	11.4	9:00	A-4	0	8.6	9:00	E-1	0	8.4	9:00	D-1	0	11.8	SE	27	
9:15	A-1	0	11.4	9:15	A-4	0	8.6	9:15	E-1	0	9.2	9:15	D-1	0	12.4	SE	27	
9:30	A-1	0	11.3	9:30	A-4	0	8.8	9:30	E-1	0	9.1	9:30	D-1	0	12.9	SE	27	
9:45	A-1	0	11.5	9:45	A-4	0	8.8	9:45	E-1	0	9.2	9:45	D-1	0	13.1	SE	27	
10:00	A-1	0	11.5	10:00	A-4	0	8.7	10:00	E-1	0	10.2	10:00	D-1	0	13.4	SE	27	
10:15	A-1	0	11.6	10:15	A-4	0	9.8	10:15	E-1	0	10.0	10:15	D-1	0	13.2	SE	27	load trucks/bkfl
10:30	A-1	0	11.7	10:30	A-4	0	11.2	10:30	E-1	0	9.8	10:30	D-1	0	13.2	W	27	load trucks/bkfl
10:45	A-1	0	11.7	10:45	A-4	0	11.0	10:45	E-1	0	9.8	10:45	D-1	0	13.2	W	27	load trucks/bkfl
11:00	A-1	0	11.8	11:00	A-4	0	10.8	11:00	E-1	0	9.8	11:00	D-1	0	13.1	W	30	load trucks/bkfl
11:15	A-1	0	11.8	11:15	A-4	0	10.8	11:15	E-1	0	9.8	11:15	D-1	0	13.2	W	30	load trucks/bkfl
11:30	A-1	0	11.8	11:30	A-4	0	10.7	11:30	E-1	0	9.8	11:30	D-1	0	13.2	W	30	load trucks/bkfl
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	A-1	0	11.9	11:45	A-4	0	10.4	11:45	E-1	0	9.8	11:45	D-1	0	13.2	NW	32	excavate, hand clean, and spread backfill
12:45	A-1	0	11.9	12:45	A-4	0	10.4	12:45	E-1	0	9.8	12:45	D-1	0	13.2	NW	32	
13:00	A-1	0	11.9	13:00	A-4	0	10.4	13:00	E-1	0	9.7	13:00	D-1	0	13.1	NW	32	
13:15	A-1	0	11.9	13:15	A-4	0	10.4	13:15	E-1	0	9.7	13:15	D-1	0	13.2	NW	32	
13:30	A-1	0	11.9	13:30	A-4	0	10.2	13:30	E-1	0	9.7	13:30	D-1	0	13.1	NW	32	
13:45	A-1	0	12.1	13:45	A-4	0	10.2	13:45	E-1	0	9.7	13:45	D-1	0	13.0	NW	32	hi-ram, spread backfill, a nd hand clean
14:00	A-1	0	12.1	14:00	A-4	0	10.2	14:00	E-1	0	9.7	14:00	D-1	0	13.2	NW	30	
14:15	A-1	0	12.2	14:15	A-4	0	10.0	14:15	E-1	0	9.7	14:15	D-1	0	13.2	NW	30	
14:30	A-1	0	12.2	14:30	A-4	0	10.0	14:30	E-1	0	9.6	14:30	D-1	0	13.0	NW	30	

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: 2/5/2014
MultiRAE-VOC S/N: R19160 (Sta 1)
MultiRAE Calibration: 0.0ppm
Dust Meter Station 1 S/N: 012728
Dust Meter Station 2 S/N: -
Dust Meter Station 3 S/N: -
Dust Meter Station 4 S/N: -

Weather: 32-33 degrees, rain, humidity = 88%
Air Monitoring Tech: Sara Shatz
Start time: 0715
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
7:15													no dust visible			NE	32	no intrusive work
7:30													no dust visible			NE	32	no intrusive work
7:45													no dust visible			NE	32	hi-ramming
8:00													no dust visible			NE	32	spread backfill
8:15													no dust visible			NE	32	removing poly
8:30													no dust visible			NE	32	removing poly
8:45													no dust visible			NE	32	removing poly
9:00													no dust visible			E	32	removing poly
9:15													no dust visible			E	32	repaired monitoring well #2
9:30													no dust visible			E	32	removing poly
9:45	A-1	0	12.4	no monitoring performed; site conditions due to snow/sleet were too hazardous to set up and monitor equipment												E	32	removing poly
10:00	A-1	0	12.4													E	32	removing poly
10:15	A-1	0	13.1													E	32	housekeeping
10:30	A-1	0	13.9													E	32	no intrusive work
10:45	A-1	0	14.7													E	32	no intrusive work
11:00	A-1	0	15.5													E	32	no intrusive work
11:15	A-1	0	16.3													E	32	no intrusive work
11:30	A-1	0	17.1													E	32	no intrusive work
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	A-1	0	18.3													E	32	no intrusive work
12:45	A-1	0	18.3													E	33	reinstalling bollards
13:00	A-1	0	18.1													E	33	reinstalling bollards
13:15	A-1	0	17.9													E	33	reinstalling bollards
13:30	A-1	0	17.8													E	33	reinstalling bollards
13:45	A-1	0	17.6													E	33	reinstalling bollards
14:00	A-1	0	17.4													E	33	reinstalling bollards
14:15	A-1	0	17.1													E	33	reinstalling bollards
14:30	A-1	0	16.9													E	33	reinstalling bollards
All CAMP duties were suspended due to heavy freezing rain prior to 9:30 . CAMP 1 was set up when the rain stopped. CAMPs 2-4 were not set up at all due to hazardous site conditions.																		

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: 2/4/2014
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: 11321
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 004362

Weather: 25-33 degrees, m. cloudy, humidity = 65%
Air Monitoring Tech: Chris Repetti
Start time: 0745
End Time: 1345

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
7:45	A-1	0	18.4	7:45	A-4	0	35.2	7:45	E-1	0	16.8	7:45	D-1	0	29.5	N	25	excavate, spread backfill, and hand clean
8:00	A-1	0	18.0	8:00	A-4	0	28.7	8:00	E-1	0	16.8	8:00	D-1	0	28.9	N	25	
8:15	A-1	0	18.0	8:15	A-4	0	23.4	8:15	E-1	0	16.7	8:15	D-1	0	28.0	N	25	
8:30	A-1	0	18.0	8:30	A-4	0	19.8	8:30	E-1	0	16.3	8:30	D-1	0	27.2	N	25	
8:45	A-1	0	17.9	8:45	A-4	0	19.1	8:45	E-1	0	15.9	8:45	D-1	0	26.6	N	25	
9:00	A-1	0	18.0	9:00	A-4	0	18.2	9:00	E-1	0	15.5	9:00	D-1	0	27.3	N	25	
9:15	A-1	0	18.1	9:15	A-4	0	17.7	9:15	E-1	0	15.5	9:15	D-1	0	27.9	N	25	
9:30	A-1	0	18.4	9:30	A-4	0	17.4	9:30	E-1	0	15.4	9:30	D-1	0	28.0	N	25	load trucks and spread backfill
9:45	A-1	0	18.5	9:45	A-4	0	17.4	9:45	E-1	0	15.4	9:45	D-1	0	27.8	N	25	
10:00	A-1	0	18.7	10:00	A-4	0	17.4	10:00	E-1	0	15.4	10:00	D-1	0	27.1	N	30	
10:15	A-1	0	18.9	10:15	A-4	0	16.9	10:15	E-1	0	15.4	10:15	D-1	0	26.2	N	30	
10:30	A-1	0	19.0	10:30	A-4	0	16.7	10:30	E-1	0	15.1	10:30	D-1	0	25.7	NE	30	
10:45	A-1	0	19.0	10:45	A-4	0	16.7	10:45	E-1	0	15.1	10:45	D-1	0	24.6	NE	30	
11:00	A-1	0	19.0	11:00	A-4	0	16.4	11:00	E-1	0	15.1	11:00	D-1	0	23.8	NE	30	
11:15	A-1	0	19.1	11:15	A-4	0	16.4	11:15	E-1	0	15.1	11:15	D-1	0	23.8	NE	30	spread backfill and hand clean
11:30	A-1	0	19.2	11:30	A-4	0	16.4	11:30	E-1	0	15.1	11:30	D-1	0	22.5	NE	30	
11:45	lunch																	
12:00	lunch																	
12:15	lunch																	
12:30	A-1	0	19.2	11:45	A-4	0	16.1	11:45	E-1	0	15.3	11:45	D-1	0	20.2	NE	33	spread backfill, excavate, and hand clean
12:45	A-1	0	19.2	12:45	A-4	0	15.7	12:45	E-1	0	14.7	12:45	D-1	0	19.4	NE	33	
13:00	A-1	0	19.2	13:00	A-4	0	15.6	13:00	E-1	0	14.6	13:00	D-1	0	19.0	NE	33	
13:15	A-1	0	19.2	13:15	A-4	0	15.5	13:15	E-1	0	14.6	13:15	D-1	0	19.0	NE	33	
13:30	A-1	0	19.2	13:30	A-4	0	15.6	13:30	E-1	0	14.4	13:30	D-1	0	18.9	NE	33	
13:45	A-1	0	19.2	13:45	A-4	0	15.5	13:45	E-1	0	14.4	13:45	D-1	0	18.3	NE	33	
Winterized equipment for the night																		

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: 2/3/2014
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: 11321
Dust Meter Station 3 S/N: 010310
Dust Meter Station 4 S/N: 004362

Weather: 34-35 degrees, snowing
Air Monitoring Tech: Chris Repetti
Start time: 0715
End Time: 1130

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
7:15	A-1	0	21.5	7:15	A-4	0	28.0	7:15	E-1	0	16.7	7:15	D-1	0	24.6	NE	35	spread backfill
7:30	A-1	0	20.8	7:30	A-4	0	28.7	7:30	E-1	0	16.4	7:30	D-1	0	24.4	NE	34	excavate/backfill
7:45	A-1	0	20.6	7:45	A-4	0	29.2	7:45	E-1	0	16.1	7:45	D-1	0	23.9	NE	34	excavate/backfill
8:00	A-1	0	20.7	8:00	A-4	0	29.6	8:00	E-1	0	16.1	8:00	D-1	0	23.3	NE	34	excavate/backfill
8:15	A-1	0	21.0	8:15	A-4	0	29.8	8:15	E-1	0	16.1	8:15	D-1	0	23.3	NE	34	excavate/backfill
8:30	A-1	0	21.2	8:30	A-4	0	30.7	8:30	E-1	0	16.1	8:30	D-1	0	23.3	NE	34	excavate/backfill
8:45	A-1	0	21.2	8:45	A-4	0	31.3	8:45	E-1	0	16.1	8:45	D-1	0	23.4	NE	34	excavate/backfill
9:00	A-1	0	21.1	9:00	A-4	0	31.3	9:00	E-1	0	16.0	9:00	D-1	0	23.0	NE	34	excavate/backfill
9:15	A-1	0	21.2	9:15	A-4	0	31.4	9:15	E-1	0	16.0	9:15	D-1	0	22.9	NE	34	excavate/backfill
9:30	A-1	0	21.4	9:30	A-4	0	31.0	9:30	E-1	0	16.1	9:30	D-1	0	23.0	NE	34	excavate/backfill
9:45	A-1	0	21.5	9:45	A-4	0	30.9	9:45	E-1	0	16.1	9:45	D-1	0	23.0	NE	34	excavate/backfill
10:00	A-1	0	21.7	10:00	A-4	0	30.6	10:00	E-1	0	16.2	10:00	D-1	0	23.0	NE	34	excavate/backfill
10:15	A-1	0	21.9	10:15	A-4	0	30.8	10:15	E-1	0	18.6	10:15	D-1	0	23.9	NE	34	excavate/backfill
10:30	A-1	0	21.9	10:30	A-4	0	30.0	10:30	E-1	0	17.1	10:30	D-1	0	23.9	NE	34	excavate/backfill
10:45	A-1	0	22.2	10:45	A-4	0	29.2	10:45	E-1	0	16.2	10:45	D-1	0	23.9	NE	34	excavate/backfill
11:00	A-1	0	22.3	11:00	A-4	0	28.4	11:00	E-1	0	16.5	11:00	D-1	0	23.8	NE	34	excavate/backfill
11:15	A-1	0	22.5	11:15	A-4	0	28.0	11:15	E-1	0	16.2	11:15	D-1	0	23.8	NE	34	excavate/backfill
11:30	A-1	0	22.5	11:30	A-4	0	27.6	11:30	E-1	0	16.0	11:30	D-1	0	23.7	NE	34	excavate/backfill
-Shutdown and winterized equipment due to inclement weather																		
-Maxymillian is shutting the site down at 1400 hours																		

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)