





**AIR MONITORING LOG**

Date: 9/26/2011  
 MultiRAE-VOC S/N: 110-007945  
 MultiRAE Calibration: 99.5 ppm  
 Dust Track S/N: D837  
 Dust Track Calibratic 7:45

Weather: Clear 65°F  
 Air Monitoring Tech: Yegana Jafarova  
 Start time: 7:40  
 End Time: 16:30

UW DW

Station 1			Station 2			Station 3			Wind Direct.	Temp.	Comments
Time	VOCs	Dust	Time	VOCs	Dust	Time	VOCs	Dust			
8:15		24.1			25.1				Variable	65°	No activities disturbing soil
8:50					25.2				Variable	65°	Two trucks unloading soil
9:32					27.8				Variable	65°	Flattening soil
9:47					41.0				Variable	65°	Flattening soil
10:02					21.7				Variable	65°	Flattening soil
10:17					20.1				Variable	65°	Flattening soil; Stopped
10:40					23.5				Variable	65°	Flattening soil
10:55					26.0				Variable	65°	Flattening soil
11:10					24.0				Variable	65°	Flattening soil
11:25					18.7				Variable	65°	Flattening soil
11:40				0.0	61.2				Variable	65°	Flattening soil, sampling ash pit
11:55				0.0	63.7				Variable	65°	Flattening soil, sampling ash pit
12:50					48.5				Variable	65°	Break; Flattening soil
13:05					62.2				Variable	65°	Flattening soil
13:20					56.4				Variable	65°	Flattening soil
13:35					60.3				Variable	65°	Flattening soil
13:50					39.4				Variable	65°	Flattening soil
14:05					34.1				Variable	65°	Flattening soil
14:20					24.6				Variable	65°	Flattening soil
14.35					17.6				Variable	65°	Flattening soil
14.50					21.8				Variable	65°	Flattening soil
15.05					13.3				Variable	65°	Flattening soil
15:20					12.2				Variable	65°	Flattening soil
15:35					21.0				Variable	65°	Flattening soil
15:50					45.5				Variable	65°	Flattening soil
16:05					26.5				Variable	65°	Flattening soil
16:20					15.5				Variable	65°	Flattening soil

**Notes:** Gaps in times = Equipment not operating.  
 VOCs - parts per million (ppm)  
 Dust - micrograms per cubic meter (µg/m<sup>3</sup>)

**AIR MONITORING LOG**

Date: 9/27/2011  
 MultiRAE-VOC S/N: NA  
 MultiRAE Calibration: NA  
 Dust Track S/N: D837  
 Dust Track Calibration: 6:30 am

Weather: Clear, 70°F, Humid  
 Air Monitoring Tech: Yegana Jafarova  
 Start time: 6:30  
 End Time: 16:32

UP DW

Station 1			Station 2			Station 3			Wind Direct.	Temp.	Comments
Time	VOCs	Dust	Time	VOCs	Dust	Time	VOCs	Dust			
6:45		72.8	6:46		75.0				Variable	70°	Soil flattening
7:00			7:00		71.9				Variable	70°	Soil flattening
			7:15		45.8				Variable	70°	Soil flattening
			7:30		41.5				Variable	70°	Soil flattening
			7:45		42.4				Variable	70°	Soil flattening
			8:00		53.9				Variable	70°	Soil flattening
			8:15		55.9				Variable	70°	Soil flattening
			8:30		52.7				Variable	70°	Soil flattening
			8:45		56.1				Variable	70°	Soil flattening
			9:00		56.4				Variable	70°	Soil flattening
			9:15		61.0				Variable	70°	Soil flattening
			9:30		58.4				Variable	70°	Soil flattening; Break
			10:00		39.9				Variable	70°	Soil flattening
			10:15		63.0				Variable	70°	Soil flattening
			10:30		61.9				Variable	70°	Soil flattening
			10:45		65.5				Variable	70°	Soil flattening
			11:00		62.1				Variable	70°	Soil flattening
			11:15		75.2				Variable	70°	Soil flattening
			11:30		58.8				Variable	70°	Soil flattening
			11:45		23.1				Variable	70°	Soil flattening
			12:35		18.3				Variable	70°	11:55 Break
			12:50		17.8				Variable	70°	Flattening soil
			13:05		16.5				Variable	70°	Flattening soil
			13:20		15.0				Variable	70°	Flattening soil
			13:35		35.0				Variable	70°	Flattening soil
			13:50		38.8				Variable	70°	Flattening soil
			14:05		49.0				Variable	70°	Flattening soil
			14:20		33.8				Variable	70°	Flattening soil
			14:35		21.1				Variable	70°	Flattening soil
			14:50		27.4				Variable	70°	Flattening soil
			15:05		28.9				Variable	70°	Flattening soil
			15:20		18.0				Variable	70°	Flattening soil

**Notes:**  
 VOCs - parts per million (ppm)  
 Dust - micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ )



**AIR MONITORING LOG**

Date: 9/28/2011  
 MultiRAE-VOC S/N: 110-007945  
 MultiRAE Calibration: 99.5 ppm  
 Dust Track S/N: D837  
 Dust Track Calibration: \_\_\_\_\_

Weather: Cloudy, 65-70°F  
 Air Monitoring Tech: Yegana Jafarova  
 Start time: 6:00  
 End Time: 15:08

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UW

DW

Station 1			Station 2			Station 3			Wind Direct.	Temp.	Comments
Time	VOCs	Dust	Time	VOCs	Dust	Time	VOCs	Dust			
6:15		22.6	6:16		20.6				Variable	65-70°	Building berms
6:30			6:30		30.1				Variable	65-70°	Building berms
			6:45		23.3				Variable	65-70°	Building berms
			7:00		24.0				Variable	65-70°	Building berms
			7:15		22.0				Variable	65-70°	Building berms
			7:30		23.2				Variable	65-70°	Building berms
			7:45		24.6				Variable	65-70°	Building berms
			8:00		22/3				Variable	65-70°	Building berms
			8:15		23.0				Variable	65-70°	Building berms
			8:30		23.8				Variable	65-70°	Building berms
			8:45		23.2				Variable	65-70°	Building berms
			9:00		21.4				Variable	65-70°	Building berms
			9:15		21.2				Variable	65-70°	Building berms
			9:30		21.6				Variable	65-70°	Building berms; Break
			10:00		19.9				Variable	65-70°	Building berm
			10:15		18.1				Variable	65-70°	Building berm
			10:30		18.3				Variable	65-70°	Building berm
			10:45		17.5				Variable	65-70°	Building berm
			11:00		17.0				Variable	65-70°	Building berm
			11:15		17.2				Variable	65-70°	Building berm
			11:30		20.4				Variable	65-70°	Building berm
			11:45		21.9				Variable	65-70°	Building berm
			12:00		20.9				Variable	65-70°	Building berm
			12:15	0.0	17.6				Variable	65-70°	Building berm
			12:30	0.0	18.5				Variable	65-70°	Building berm
			12:45	0.0	21.6				Variable	65-70°	Building berm
			13:00	0.0	19.1				Variable	65-70°	Building berm
			13:15	0.0	12.3				Variable	65-70°	Building berm
			13:30	0.0	10.7				Variable	65-70°	Building berm
			13:53	0.0	13.6				Variable	65-70°	Building berm; Break
			14:08	0.0	13.7				Variable	65-70°	Building berm
			14.23	0.0	16.7				Variable	65-70°	Building berm

**Notes:**

VOCs - parts per million (ppm)

Dust - micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ )





**AIR MONITORING LOG**

Date: 9/29/2011  
 MultiRAE-VOC S/N: 110-007945  
 MultiRAE Calibration: 99.3 ppm  
 Dust Track S/N: D837  
 Dust Track Calibration: \_\_\_\_\_

Weather: 68°F  
 Air Monitoring Tech: Yegana Jafarova  
 Start time: 6:30  
 End Time: 15:20

UW DW

Station 1			Station 2			Station 3			Wind Direct.	Temp.	Comments
Time	VOCs	Dust	Time	VOCs	Dust	Time	VOCs	Dust			
6:30	0.0	14.4	6:31	0.0	17.1				South	68°	Building berm
			6:45	0.0	17.9				South	68°	Building berm
			7:00	0.0	13.3				South	68°	Building berm
			7:15	0.0	12.7				South	68°	Building berm
			7:30	0.0	14.2				South	68°	Building berm
			7:45	0.0	13.9				South	68°	Building berm
			8:00	0.0	13.2				South	68°	Building berm
			8:15	0.0	13.9				South	68°	Building berm
			8:30	0.0	13.1				South	68°	Building berm
			8:45	0.0	14.1				South	68°	Building berm
			9:00	0.0	13.1				South	68°	Building berm
			9:15	0.0	13.5				South	68°	Building berm
			9:30	0.0	14.0				South	68°	Building berm
			9:45	0.0	14.9				South	68°	Building berm
			10:00	0.0	14.1				South	68°	Building berm
			10:15	0.0	15.2				South	68°	Building berm
			10:30	0.0	17.3				South	68°	Building berm
			10:45	0.0	17.5				South	68°	Building berm
			11:00	0.0	18.5				South	68°	Building berm
			11:15	0.0	17.4				South	68°	Building berm
			11:30	0.0	17.9				South	68°	Building berm
			11:45	0.0	19.9				South	68°	Building berm; Break
			12:40	0.0	18.5				South	68°	Building berm
			12:55	0.0	16.2				South	68°	Building berm
			13:10	0.0	14.3				South	68°	Building berm
			13:25	0.0	10.3				South	68°	Building berm
			13:40	0.0	11.4				South	68°	Building berm
			13:55	0.0	12.7				South	68°	Building berm
			14:10	0.0	11.6				South	68°	Building berm
			14:25	0.0	11.6				South	68°	Building berm
			14:40	0.0	11.5				South	68°	Building berm
			14:55	0.0	8.8				South	68°	Building berm
			15:10	0.0	9.3				South	68°	Building berm

**Notes:**  
 VOCs - parts per million (ppm)  
 Dust - micrograms per cubic meter (µg/m<sup>3</sup>)

