

**FORMER GORHAM MANUFACTURING SITE  
PARCEL C-1 PHASE I CAP**

**WEEKLY MONITORING REPORT (WEEK OF 10/15/12 - 10/19/12)**

DATE	TIME	DUST						MULTI GAS METER			WEATHER / WIND	COMMENTS / WORK ACTIVITY
		Hand Held		Fixed Point				VOC (ppm)	LEL (%)	Oxygen (%)		
		peak (mg/m3)	avg (mg/m3)	Station 1 peak/avg (mg/m3)	Station 2 peak/avg (mg/m3)	Station 3 peak/avg (mg/m3)	Station 4 peak/avg (mg/m3)					
10/15/2012	800	0.034	0.018	NA	NA	NA	NA	NR	NR	NR	mostly cloudy, 65°F/S 14	grading area 4
10/15/2012	930	0.110	0.021	NA	NA	NA	NA	NR	NR	NR	mostly cloudy, 68°F/S 14	grading area 4
10/15/2012	1030	0.122	0.019	NA	NA	NA	NA	NR	NR	NR	mostly cloudy, 69°F/SSW 18	grading area 4
10/15/2012	1130	0.059	0.022	NA	NA	NA	NA	NR	NR	NR	mostly cloudy, 70°F/SSW 20	compacting area 4
10/15/2012	1230	0.045	0.011	NA	NA	NA	NA	NR	NR	NR	mostly cloudy, 70°F/SSW 13	grading and compacting area 4
10/15/2012	all day	NA	NA	0.031/0.016	0.043/0.014	0.027/0.021	0.001/0.000	NR	NR	NR	-	-
10/16/2012	820	0.082	0.018	NA	NA	NA	NA	NR	NR	NR	scattered clouds, 52°F/NW 15	grading toe of slope
10/16/2012	1030	0.231	0.013	NA	NA	NA	NA	NR	NR	NR	scattered clouds, 53°F/WNW 21	topsoil placement area 5
10/16/2012	1130	0.059	0.000	NA	NA	NA	NA	NR	NR	NR	scattered clouds, 54°F/WNW 16	topsoil placement area 5
10/16/2012	1230	0.109	0.036	NA	NA	NA	NA	NR	NR	NR	partly cloudy, 56°F/NNW 14	topsoil placement area 5
10/16/2012	1430	0.117	0.021	NA	NA	NA	NA	NR	NR	NR	partly cloudy, 58°F/NW 10	cover soil placement area 5
10/16/2012	all day	NA	NA	0.017/0.001	0.008/0.000	0.039/0.001	0.008/0.002	NR	NR	NR	-	-
10/17/2012	800	0.037	0.001	NA	NA	NA	NA	NR	NR	NR	mostly cloudy, 40°F/calm	buffer sand placement area 4
10/17/2012	1000	0.141	0.002	NA	NA	NA	NA	NR	NR	NR	scattered clouds, 50°F/calm	buffer sand placement area 4
10/17/2012	1100	0.046	0.010	NA	NA	NA	NA	NR	NR	NR	mostly cloudy, 53°F/N 6	buffer sand placement area 4
10/17/2012	1330	0.080	0.001	NA	NA	NA	NA	NR	NR	NR	mostly cloudy, 61°F/NNW 6	buffer sand placement area 4
10/17/2012	all day	NA	NA	0.050/0.005	0.051/0.006	0.009/0.004	0.002/0.001	NR	NR	NR	-	-
10/18/2012	800	0.047	0.005	NA	NA	NA	NA	NR	NR	NR	fog, 43°F/calm	topsoil placement area 5
10/18/2012	930	0.043	0.011	NA	NA	NA	NA	NR	NR	NR	scattered clouds, 55°F/calm	topsoil placement area 5
10/18/2012	1000	0.120	0.002	NA	NA	NA	NA	NR	NR	NR	scattered clouds, 55°F/calm	topsoil placement area 5
10/18/2012	1300	0.182	0.010	NA	NA	NA	NA	NR	NR	NR	partly cloudy, 62°F/SSE 12	topsoil placement area 5
10/18/2012	1400	0.255	0.040	NA	NA	NA	NA	NR	NR	NR	scattered clouds, 63°F/SE 12	topsoil placement area 5
10/18/2012	all day	NA	NA	0.032/0.013	0.055/0.017	0.009/0.004	0.002/0.001	NR	NR	NR	-	-
10/19/2012	800	0.098	0.038	NA	NA	NA	NA	NR	NR	NR	mostly cloudy, 56°F/NE 5	grading area 3
10/19/2012	930	0.051	0.007	NA	NA	NA	NA	NR	NR	NR	overcast, 63°F/SE 7	grading area 3
10/19/2012	1115	0.107	0.011	NA	NA	NA	NA	NR	NR	NR	light rain, 68°F/ESE 16	grading area 4, rain begins, fixed point air stations removed

NR - Not Recorded

VOC - Volatile Organic Compounds

LEL - Lower Explosive Limit

NA - Not Applicable

Fixed point station data includes only the peak and time weighted average dust concentrations for the day. Additional data (collected every minute) are available.

Station 1 was located at the western side of the High School fence, near the Site entrance and immediately north of Adelaide Ave.

Station 2 was located outside the northwest corner of the High School fence

Station 3 was located between work area 2 and work area 3 at the edge of the woods

Station 4 was located at the northeast of the Site

**Dust suppression was applied (water spraying with water truck) in the work area, travel area, and laydown area hourly or every other hour during construction activity.**

**Perimeter air monitoring was suspended on 10/19/12 due to rain**

**Action Level = 0.29 mg/m3; response action required**

Prepared by: PJM 10/24/12

Checked by: DEH 10/24/12