

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

WEEKLY MONITORING REPORT (WEEK OF 10/08/12 - 10/12/12)

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)					
10/8/2012	900	NR	0.000	NA	NA	NA	NA	NR	NR	NR	scattered clouds, 49°F/NNW 7	general activities
10/8/2012	1000	NR	0.006	NA	NA	NA	NA	NR	NR	NR	scattered clouds, 53°F/N 8	installation of barrier wall
10/8/2012	1100	NR	0.001	NA	NA	NA	NA	NR	NR	NR	mostly cloudy, 54°F/N 8	installation of barrier wall
10/8/2012	1159	NR	0.000	NA	NA	NA	NA	NR	NR	NR	mostly cloudy, 56°F/NNE 5	installation of barrier wall
10/8/2012	1300	NR	0.004	NA	NA	NA	NA	NR	NR	NR	mostly cloudy, 55°F/NE 4	grading area 4
10/8/2012	1400	NR	0.007	NA	NA	NA	NA	NR	NR	NR	overcast, 55°F/SSE 7	grading area 4
10/8/2012	all day	NA	NA	0.041/0.003	0.017/0.003	0.006/0.001	0.010/0.007	NR	NR	NR	-	all activities above
10/9/2012	1030	0.069	0.019	NA	NA	NA	NA	NR	NR	NR	overcast, 55°F/NE 9	excavation (sub-grade) at area 5
10/9/2012	1245	NR	NR	NA	NA	NA	NA	0.0	0	20.9	overcast, 57°F/NE 13	grading top of slope, area 5
10/9/2012	1345	1.628	0.031	NA	NA	NA	NA	NR	NR	NR	overcast, 57°F/NE 10	grading top of slope, area 5; excavator scraped against a large block of concrete, dissipated quickly, no further action
10/9/2012	1410	0.024	0.013	NA	NA	NA	NA	NR	NR	NR	overcast, 57°F/NE 10	grading top of slope, area 5
10/9/2012	all day	NA	NA	NR	NR	NR	NR	NR	NR	NR	overcast, 57°F/NE 10	all activities above
10/10/2012	all day	NA	NA	NR	NR	NR	NR	NR	NR	NR	rain all day	no monitoring due to continual rain
10/11/2012	915	0.150	0.042	NA	NA	NA	NA	NR	NR	NR	partly cloudy, 49°F/W 15	placing cover soil, area 5
10/11/2012	1330	0.106	0.046	NA	NA	NA	NA	NR	NR	NR	partly cloudy, 57°F/W 7	placing cover soil, area 5
10/11/2012	all day	NA	NA	0.011/0.002	0.030/0.004	0.011/0.003	0.027/0.013	NR	NR	NR	-	all activities above
10/12/2012	845	0.069	0.021	NR	NR	NR	NR	NR	NR	NR	scattered clouds, 52°F/W 9	compaction, area 5
10/12/2012	930	0.138	0.013	NR	NR	NR	NR	0.0	0	20.9	mostly cloudy, 55°F/W 9	excavation (sub-grade) at area 3
10/12/2012	1100	0.108	0.007	NR	NR	NR	NR	0.0	0	20.9	mostly cloudy, 54°F/NNW 13	excavation (sub-grade) at area 3
10/12/2012	1200	NA	NA	0.027/0.007	0.043/0.014	0.049/0.008	0.010/0.003	NR	NR	NR	light rain, 46°F/N 6	rain begins, fixed point air stations removed
10/12/2012	1315	0.196	0.020	NR	NR	NR	NR	0.0	0	20.9	light rain, 46°F/N 6	excavation and grading at area 4

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 consistently applied (water spraying with water truck) in the work area, travel area, and laydown area hourly or every other hour

Air monitoring was suspended on 10/10/12 due to rain

Action Level = 0.29 mg/m3; response action required

Prepared by: PJM 10/17/12

Checked by: DEH 10/17/12