

ATTACHMENT TO RIDEM LETTER - 28 MARCH 2007

Former Gorham Manufacturing Facility - Parcel B (School Development Site) - Monitoring and Sampling Comparison Table

Source of Sampling/Monitoring Frequency and Number of Samples	Sample Location	2007																								2008				
		March				April				May					June	July	August				September***				October	November	December	January	February	March
		Week 1*	Week 2**	Week 3	Week 4	Week 1	Week 2	Week 3	Week 4	Week 1	Week 2	Week 3	Week 4	Week 5			Week 1	Week 2	Week 3	Week 4	Week 1	Week 2	Week 3	Week 4						
RIDEM Order of Approval (OA) dated 9 June 2006	Ambient/exterior air	1S + M	1S + M	M	M	M	M	M	M	M	M	M	M	M	1S + M	M	M				1S + M				M	M	1S + M	M	M	1S + M
	Sub-slab	3S + M	3S + M	M	M	M	M	M	M	M	M	M	M	M	3S + M	M	M				3S + M				M	M	3S + M	M	M	3S + M
	Indoor air	3S + M	3S + M	M	M	M	M	M	M	M	M	M	M	M	3S + M	M	M				3S + M				M	M	3S + M	M	M	3S + M
	Rooftop Effluent SSV		3S + M	M	M	M	M	M	M	M	M	M	M	M	M	M	M				M				M	M	3S + M	M	M	3S + M
Total # samples based on June OA = 48. Estimated Lab & Engineering Cost = \$23K																														
RIDEM Interpretation of 6/06 OA (references to "monitoring" were intended to mean "sampling")	Ambient/exterior air	1S	1S	1S	1S	1S	1S	1S	1S	1S	1S	1S	1S	1S	1S	1S			1S				1S		1S	1S	1S	1S	1S	1S
	Sub-slab	3S	3S	3S	3S	3S	3S	3S	3S	3S	3S	3S	3S	3S	3S	3S			3S				3S		3S	3S	3S	3S	3S	3S
	Indoor air	3S	3S	3S	3S	3S	3S	3S	3S	3S	3S	3S	3S	3S	3S	3S			3S				3S		3S	3S	3S	3S	3S	3S
	Rooftop Effluent SSV		3S																											3S
Total # of samples based on RIDEM Interpretation of June OA = 166. Estimated Lab and Engineering Cost = \$79K																														
EA Compromise Offered on 2/9/07	Ambient/exterior air	1S + M	1S + M	M	M	1S + M	M	M	M	M	M	M	M	M	1S + M	M	M				1S + M				M	M	1S + M	M	M	1S + M
	Sub-slab	4S + M	4S + M	M	M	4S + M	M	M	M	M	M	M	M	M	4S + M	M	M				4S + M				M	M	4S + M	M	M	4S + M
	Indoor air	4S + M	4S + M	M	M	4S + M	M	M	M	M	M	M	M	M	4S + M	M	M				4S + M				M	M	4S + M	M	M	4S + M
	Rooftop Effluent SSV		3S + M	M	M	M	M	M	M	M	M	M	M	M	M	M	M				M				M	M	M	M	M	3S + M
Total # samples in EA Compromise Offer = 69. Estimated Lab & Engineering Cost = \$33K																														
RIDEM Amended OA - Feb. 2007	Ambient/exterior air	1S + M	1S + M				1S + M				1S + M			1S + M	1S + M	1S + M	1S + M	1S + M	1S + M	1S + M	1S + M	1S + M	1S + M	1S + M	1S + M	1S + M	1S + M	1S + M	1S + M	
	Sub-slab	8S + M	8S + M				8S + M				8S + M			8S + M	8S + M	8S + M	8S + M	8S + M	8S + M	8S + M	8S + M	8S + M	8S + M	8S + M	8S + M	8S + M	8S + M	8S + M	8S + M	
	Indoor Air	4S + M	4S + M				4S + M				4S + M			4S + M	4S + M	4S + M	4S + M	4S + M	4S + M	4S + M	4S + M	4S + M	4S + M	4S + M	4S + M	4S + M	4S + M	4S + M	4S + M	
	Rooftop Effluent SSV		3S + M											3S + M												3S + M			3S + M	
Total # samples in RIDEM Feb. 2007 Amended OA = 275 - 535****. Estimated Lab & Engineering Cost = \$131K - \$254K																														

Notes:

This table does not include consideration of the continuous indoor methane monitoring and alarm system to be implemented within indoor air per RIDEM OA. Monitoring as referenced in this table only applies to monitoring of VOC compounds.

The estimated laboratory and engineering cost per sample is estimated to be \$475.

* Week 1 is prior to Sub-Slab Venting System Start-up.

** Sub-Slab Venting System Start-up is in between Week 1 and 2 sampling event.

*** School opening assumed to be first week of September.

**** The high end of the range is based upon language in the Amended OA that states that if any Action Level is exceeded, the frequency shall remain weekly after occupancy (i.e., could be 43 additional samples per month for Oct. 2007 - March 2008).

S = sample collection for VOCs and/or methane for laboratory analysis. The # preceeding "S" indicates the number of samples to be collected and analyzed.

M = indicates monitoring for sub-slab vacuum in all 8 sub-slab monitoring locations, and monitoring for VOCs and methane in all 8 sub-slab locations and roof-top exhaust to be performed in between sampling events.