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Sent: Wednesday, May 16, 2007 9:49 AM
To: 'Don Bryan'; 'John_Lague@URSCorp.com'
Subject: Table 9 revised

Table 9 was revised to include worst-case potential HAP totals for the boiler based on continuous firing on wood vs. fuel oil no. 2, without any permit limits.

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Table 7: Boiler Emissions - Wood Fuel					
Pollutant	Emission Factor (lb/MMBTU)	Reference	(lb/hr)	(g/sec)	at 8,760 hr/yr (tpy)
CO	0.305	manufacturer	41.18	5.188	180.35
NOx	0.230	manufacturer	31.05	3.912	35.71
PM	0.029	AP-42, App B	3.88	0.489	4.46
PM-10	0.025	manufacturer	3.38	0.425	3.88
PM-2.5	0.020	AP-42, App B	2.72	0.342	3.12
SO2	0.025	manufacturer	3.38	0.425	3.88
VOC	0.017	manufacturer	2.30	0.289	2.64

Notes:

1. Manufacturer guaranteed emission factors per 11/10/06 application, App. B, §E9(b).
2. PM = 1.15 * PM-10, based on AP-42 Appendix B, Table B.2.2, Category 2, 1/95.
3. PM-2.5 = 0.7 * PM, based on AP-42 Appendix B, Table B.2.2, Category 2, 1/95.

Table 8: Boiler Emissions - Fuel Oil No. 2					
Pollutant	Emission Factor (lb/MMBTU)	Reference	(lb/hr)	(g/sec)	at 8,760 hr/yr (tpy)
CO	0.0400	manufacturer	5.40	0.680	23.65
NOx	0.1700	manufacturer	22.95	2.892	26.39
PM	0.0161	AP-42, App B	2.17	0.274	2.50
PM-10	0.0140	manufacturer	1.89	0.238	2.17
PM-2.5	0.0113	AP-42, App B	1.52	0.192	1.75
SO2	0.4500	manufacturer	60.75	7.654	69.86
VOC	0.0014	manufacturer	0.19	0.024	0.22

Notes:

1. Manufacturer guaranteed emission factors per 11/10/06 application, App. B, §E9(b).
2. PM = 1.15 * PM-10, based on AP-42 Appendix B, Table B.2.2, Category 2, 1/95.
3. PM-2.5 = 0.7 * PM, based on AP-42 Appendix B, Table B.2.2, Category 2, 1/95.

Table 9: Worst-case Boiler Emissions (tpy)			
Pollutant	Wood Fuel at 8,760 hr/yr	Fuel Oil No. 2 at 8,760 hr/yr	Maximum at 8,760 hr/yr
CO	180.3	23.7	180.3
NOx	35.7	26.4	35.7
PM	4.5	2.5	4.5
PM-10	3.9	2.2	3.9
PM-2.5	3.1	1.7	3.1
SO2	3.9	69.9	69.9
VOC	2.6	0.2	2.6
HAPs	30.5	0.3	30.5