

## SUMMARY REPORT - GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

**COMPANY:** Wheelabrator North Andover Inc.  
**ADDRESS:** 285 Holt Road  
 North Andover, MA 01845

**IMPLEMENTING DISMISSAL AND EXCLUSION OF DATA DURING STARTUP,  
 SHUTDOWN AND MALFUNCTION IN ACCORDANCE WITH TITLE V AIR QUALITY  
 OPERATING PERMIT TABLE 3, FOOTNOTE 10 AND TABLE 6, ITEM 4**

**QUARTER:** Fourth Quarter 2013

**PROCESS UNIT DESCRIPTION:** MUNICIPAL SOLID WASTE RESOURCE RECOVERY FACILITY

	POLLUTANT:	UNIT #2 SO2 OUTLET	UNIT #2 NOx	UNIT #2 CO	UNIT #2 SO2 RE	UNIT #2 OPACITY
	<b>REPORTING PERIOD DATES:</b>	<b>10/1/2013 through 12/31/2013</b>				
	<b>EMISSION LIMITATION:</b>	75% or 29 ppmc SO <sub>2</sub>	205 ppmc NOx	69 ppmc CO	75% or 29 ppmc SO <sub>2</sub>	10%
	<b>MONITOR MFG. &amp; PRIMARY COMPONENTS:</b>	EcoChem MC3	EcoChem MC3	EcoChem MC3	Western Research 721AT2	Land MK4500II
	<b>DATE OF LATEST CEMS CERTIFICATION AUDIT:</b>	December 2010	December 2010	December 2010		
	<b>TOTAL SOURCE OPERATING TIME IN REPORTING PERIOD:</b>	2204.6	2204.6	2204.6	2204.6	132278
<b>EMISSION DATA SUMMARY *</b>						
<b>DURATION OF EXCESS EMISSIONS IN REPORTING DUE TO:</b>						
A. STARTUP/SHUTDOWN		0	0	0	N/A	0
B. CONTROL EQUIPMENT PROBLEMS		0	0	0	N/A	0
C. PROCESS PROBLEMS		0	0	0	N/A	0
D. OTHER KNOWN CAUSES		0	0	0	N/A	0
E. UNKNOWN CAUSES		0	0	0	N/A	0
<b>TOTAL DURATION OF EXCESS EMISSION</b>		0	0	0	N/A	0
<b>TOTAL DURATION OF EXCESS EMISSION</b>		0.0%	0.0%	0.0%	N/A	0.0%
<b>TOTAL SOURCE OPERATING TIME</b>						
<b>CEMS PERFORMANCE SUMMARY</b>						
<b>CEMS DOWNTIME IN REPORTING PERIOD DUE TO:</b>						
A. MONITOR EQUIPMENT MALFUNCTIONS		0	0	0	0	0
B. NON-MONITOR EQUIPMENT MALFUNCTIONS		0	0	0	0	0
C. QUALITY ASSURANCE CALIBRATION		1	1	1	1	138
D. OTHER KNOWN CAUSES		0	0	0	4	48
E. UNKNOWN CAUSES		0	0	0	0	0
<b>TOTAL CEMS DOWNTIME</b>		1	1	1	5	186
<b>TOTAL CEMS DOWNTIME</b>		0.0%	0.0%	0.0%	0.2%	0.14%
<b>TOTAL SOURCE OPERATING TIME</b>						
<b>DESCRIBE ANY CHANGES SINCE LAST QUARTER IN CEMS, PROCESS OR CONTROLS:</b>						

\* Record gaseous excess emissions in hours. Record excess opacity emissions in minutes