

# 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 2011

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

	<b>POLLUTANT:</b>	<b>UNIT #2 SO2 OUTLET</b>	<b>UNIT #2 NOx</b>	<b>UNIT #2 CO</b>	<b>UNIT #2 OPACITY</b>
	<b>REPORTING PERIOD DATES:</b>	<b>10/1/2011 through 12/31/2011</b>			
	<b>EMISSION LIMITATION:</b>	75% or 29 ppmc SO <sub>2</sub>	205 ppmc NOx	100 ppmc CO	10%
<b>MONITOR MFG. &amp; PRIMARY COMPONENTS:</b>		EcoChem MC3	EcoChem MC3	EcoChem MC3	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>		2208.0	2208.0	2208.0	132480
<b>EMISSION DATA SUMMARY *</b>					
<b>DURATION OF EXCESS EMISSIONS IN REPORTING DUE TO:</b>					
A. STARTUP/SHUTDOWN		0	0	0	0
B. CONTROL EQUIPMENT PROBLEMS		0	0	0	0
C. PROCESS PROBLEMS		0	0	0	0
D. OTHER KNOWN CAUSES		0	0	0	0
E. UNKNOWN CAUSES		0	0	0	0
<b>TOTAL DURATION OF EXCESS EMISSION</b>		0	0	0	0
<b>TOTAL DURATION OF EXCESS EMISSION</b>		0.0%	0.0%	0.0%	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
B. NON-MONITOR EQUIPMENT MALFUNCTIONS		0	0	0	1386
C. QUALITY ASSURANCE CALIBRATION		2	2	2	168
D. OTHER KNOWN CAUSES		1	1	1	228
E. UNKNOWN CAUSES		0	0	0	0
<b>TOTAL CEMS DOWNTIME</b>		3	3	3	1782
<b>TOTAL CEMS DOWNTIME</b>		0.1%	0.1%	0.1%	1.35%
<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