

# 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 2010

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

POLLUTANT:	UNIT #2 SO <sub>2</sub> OUTLET	UNIT #2 NO <sub>x</sub>	UNIT #2 CO	UNIT #2 OPACITY
<b>REPORTING PERIOD DATES:</b>	<b>10/1/2010 through 12/31/2010</b>			
<b>EMISSION LIMITATION:</b>	75% or 29 ppmc SO <sub>2</sub>	205 ppmc NO <sub>x</sub>	100 ppmc CO	10%
<b>MONITOR MFG. &amp; PRIMARY COMPONENTS:</b>	Western Research 921 & EcoChem MC3	Thermo Environmental 42CHL & EcoChem MC3	Thermo Environmental 48C & 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>	2164.1	2164.1	2164.1	129844
<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> <b>TOTAL SOURCE OPERATING TIME</b>	0.0%	0.0%	0.0%	0.0%
<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	10	10	10	0
C. QUALITY ASSURANCE CALIBRATION	0	0	0	102
D. OTHER KNOWN CAUSES	7	7	7	2034
E. UNKNOWN CAUSES	0	0	0	0
<b>TOTAL CEMS DOWNTIME</b>	17	17	17	2136
<b>TOTAL CEMS DOWNTIME</b> <b>TOTAL SOURCE OPERATING TIME</b>	0.8%	0.8%	0.8%	1.65%
<b>DESCRIBE ANY CHANGES SINCE LAST QUARTER IN CEMS, PROCESS OR CONTROLS:</b>	Upgraded outlet CEMS to EcoChem MC3s in November	Upgraded outlet CEMS to EcoChem MC3s in November	Upgraded outlet CEMS to EcoChem MC3s in November	

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