

# 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 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:** First Quarter 2014  
**PROCESS UNIT DESCRIPTION:** MUNICIPAL SOLID WASTE RESOURCE RECOVERY FACILITY

POLLUTANT:	UNIT #1 SO <sub>2</sub> OUTLET	UNIT #1 NO <sub>x</sub>	UNIT #1 CO	UNIT #1 SO <sub>2</sub> RE	UNIT #1 OPACITY
<b>REPORTING PERIOD DATES:</b>	<b>1/1/2014 through 3/31/2014</b>				
<b>EMISSION LIMITATION:</b>	75% or 29 ppmc SO <sub>2</sub>	205 ppmc NO <sub>x</sub>	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>	2094.8	2094.8	2094.8	2094.8	125689
<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
<u>TOTAL DURATION OF EXCESS EMISSION</u> TOTAL SOURCE OPERATING TIME	0.0%	0.0%	0.0%	N/A	0.0%
<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	1123	0
C. QUALITY ASSURANCE CALIBRATION	0	0	0	0	126
D. OTHER KNOWN CAUSES	1	1	1	2	42
E. UNKNOWN CAUSES	0	0	0	0	0
<b>TOTAL CEMS DOWNTIME</b>	1	1	1	1125	168
<u>TOTAL CEMS DOWNTIME</u> TOTAL SOURCE OPERATING TIME	0.0%	0.0%	0.0%	53.7%	0.13%
<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