

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: Third Quarter 2014

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 |
|--|---|-----------------------------------|---------------|---------------|--------------------------------|-----------------|
| | REPORTING PERIOD DATES: | 7/1/2014 through 9/30/2014 | | | | |
| | EMISSION LIMITATION: | 75% or 29 ppmc SO ₂ | 205 ppmc NOx | 69 ppmc CO | 75% or 29 ppmc SO ₂ | 10% |
| | MONITOR MFG. & PRIMARY COMPONENTS: | EcoChem MC3 | EcoChem MC3 | EcoChem MC3 | Western Research 721AT2 | Land MK4500II |
| | DATE OF LATEST CEMS CERTIFICATION AUDIT: | December 2010 | December 2010 | December 2010 | | |
| | TOTAL SOURCE OPERATING TIME IN REPORTING PERIOD: | 2070.0 | 2070.0 | 2070.0 | 2070.0 | 124202 |
| EMISSION DATA SUMMARY * | | | | | | |
| DURATION OF EXCESS EMISSIONS IN REPORTING DUE TO: | | | | | | |
| A. STARTUP/SHUTDOWN | | 0 | 0 | 0 | N/A | 0 |
| B. CONTROL EQUIPMENT PROBLEMS | | 0 | 0 | 0 | N/A | 0 |
| C. PROCESS PROBLEMS | | 0 | 0 | 1 | N/A | 0 |
| D. OTHER KNOWN CAUSES | | 0 | 0 | 0 | N/A | 0 |
| E. UNKNOWN CAUSES | | 0 | 0 | 4 | N/A | 0 |
| TOTAL DURATION OF EXCESS EMISSION | | 0 | 0 | 5 | N/A | 0 |
| TOTAL DURATION OF EXCESS EMISSION | | 0.0% | 0.0% | 0.2% | N/A | 0.0% |
| TOTAL SOURCE OPERATING TIME | | | | | | |
| CEMS PERFORMANCE SUMMARY | | | | | | |
| CEMS DOWNTIME IN REPORTING PERIOD DUE TO: | | | | | | |
| A. MONITOR EQUIPMENT MALFUNCTIONS | | 0 | 0 | 0 | 9 | 36 |
| B. NON-MONITOR EQUIPMENT MALFUNCTIONS | | 0 | 0 | 0 | 0 | 0 |
| C. QUALITY ASSURANCE CALIBRATION | | 1 | 1 | 1 | 1 | 186 |
| D. OTHER KNOWN CAUSES | | 0 | 0 | 0 | 2 | 384 |
| E. UNKNOWN CAUSES | | 0 | 0 | 0 | 0 | 0 |
| TOTAL CEMS DOWNTIME | | 1 | 1 | 1 | 12 | 606 |
| TOTAL CEMS DOWNTIME | | 0.0% | 0.0% | 0.0% | 0.6% | 0.49% |
| TOTAL SOURCE OPERATING TIME | | | | | | |
| DESCRIBE ANY CHANGES SINCE LAST QUARTER IN CEMS, PROCESS OR CONTROLS: | | | | | | |

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