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

COMPANY: Wheelabrator North Andover Inc.
ADDRESS: 285 Holt Road
North Andover, MA 01845
QUARTER: Fourth Quarter 2015
PROCESS UNIT DESCRIPTION: MUNICIPAL SOLID WASTE RESOURCE RECOVERY FACILITY

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

POLLUTANT:	UNIT #1 SO_2 OUTLET	UNIT #1 NOx	UNIT #1 CO	UNIT #1 SO2 RE	UNIT #1 OPACITY
REPORTING PERIOD DATES:		10/1/2015	through	12/31/2015	
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:	2136.5	2136.5	2136.5	2136.5	128190
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	0	N/A	0
D. OTHER KNOWN CAUSES	0	0	0	N/A	0
E. UNKNOWN CAUSES	0	0	0	N/A	0
TOTAL DURATION OF EXCESS EMISSION	0	0	0	N/A	0
TOTAL DURATION OF EXCESS EMISSION / TOTAL SOURCE OPERATING TIME	0.0%	0.0%	0.0%	N/A	0.0%
CEMS PERFORMANCE SUMMARY					
CEMS DOWNTIME IN REPORTING PERIOD DUE TO:					
A. MONITOR EQUIPMENT MALFUNCTIONS	0	0	0	0	0
B. NON-MONITOR EQUIPMENT MALFUNCTIONS	0	0	0	55	0
C. QUALITY ASSURANCE CALIBRATION	2	2	2	2	156
D. OTHER KNOWN CAUSES	1	1	1	5	18
E. UNKNOWN CAUSES	0	0	0	0	0
TOTAL CEMS DOWNTIME	3	3	3	62	174
TOTAL CEMS DOWNTIME / TOTAL SOURCE OPERATING TIME	0.1%	0.1%	0.1%	2.9%	0.14%
DESCRIBE ANY CHANGES SINCE LAST QUARTER IN CEMS, PROCESS OR CONTROLS:					

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

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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

	POLLUTANT:	UNIT #2 SO2 OUTLET	UNIT #2 NOx	UNIT #2 CO	UNIT #2 SO2 RE	UNIT #2 OPACITY
	REPORTING PERIOD DATES:		10/1/2015	through	12/31/2015	
	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:		2118.0	2118.0	2118.0	2118.0	127080
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	0	N/A	0
D. OTHER KNOWN CAUSES		0	0	0	N/A	0
E. UNKNOWN CAUSES		0	0	0	N/A	0
TOTAL DURATION OF EXCESS EMISSION		0	0	0	N/A	0
TOTAL DURATION OF EXCESS EMISSION / TOTAL SOURCE OPERATING TIME		0.0%	0.0%	0.0%	N/A	0.0%
CEMS PERFORMANCE SUMMARY						
CEMS DOWNTIME IN REPORTING PERIOD DUE TO:						
A. MONITOR EQUIPMENT MALFUNCTIONS		24	24	0	0	0
B. NON-MONITOR EQUIPMENT MALFUNCTIONS		0	0	0	0	0
C. QUALITY ASSURANCE CALIBRATION		2	2	2	2	150
D. OTHER KNOWN CAUSES		7	7	9	39	72
E. UNKNOWN CAUSES		0	0	0	0	0
TOTAL CEMS DOWNTIME		33	33	11	41	222
TOTAL CEMS DOWNTIME / TOTAL SOURCE OPERATING TIME		1.6%	1.6%	0.5%	1.9%	0.17%
DESCRIBE ANY CHANGES SINCE LAST QUARTER IN CEMS, PROCESS OR CONTROLS:						

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