



COMPLIANCE SUMMARY REPORT

Date 1/14/22

Plant Wheelabrator North Andover
 Unit Unit 1
 Source Outlet

FMP

Date	Hour	On-Line Minutes	O2		NOx		SO2				CO				Carbon Feed		FF Temp (deg F)		Steam Klbs/Hr		
			Out Vol % Dry	Status	Outlet ppm 7%O2	Status	Outlet ppm 7%O2	Status	Inlet ppm 7%O2	Status	Removal	Status	Outlet ppm 7%O2	Status	4 Hr Block	Status	Lbs/Hr Avg.	8 Hr Block	1 Hr Avg.	4 Hr Block	1 Hr Avg.
1/14/2022	0	60	10.5		167		14		30		53		7			14		310		158.0	
1/14/2022	1	60	10.4		185		10		25		58		7			14		309		164.5	
1/14/2022	2	60	10.6		173		4		11		68		5			14		310		165.9	
1/14/2022	3	60	10.5		171		4		14		72		5	6		14		309	309	165.8	163.6
1/14/2022	4	60	10.5		176		14		29		52		7			14		309		165.0	
1/14/2022	5	60	10.6		172		10		12		21		7			14		309		163.9	
1/14/2022	6	60	10.4		168		4		8		49		5			14		310		166.7	
1/14/2022	7	60	10.3		174		2		5		64		8	7		14	14	309	309	166.2	165.5
1/14/2022	8	60	10.2		170		2		16		90	IBC	8			14		309		166.3	
1/14/2022	9	60	10.4		179		6		55	IBC	89	IBC	8			14		310		168.0	
1/14/2022	10	60	10.5		181		5		21		76		8			14		309		166.2	
1/14/2022	11	60	10.2		175		3		23		88		9	8		14		310	309	164.9	166.4
1/14/2022	12	60	10.4		167		2		23		90		8			14		309		163.0	
1/14/2022	13	60	10.1		167		1		16		93		8			14		310		165.6	
1/14/2022	14	60	9.9		175		1		16		97		8			14		309		166.3	
1/14/2022	15	60	10.1		176		1		15		94		8	8		14	14	309	309	163.9	164.7
1/14/2022	16	60	10.2		165		1		14		95		7			14		308		164.9	
1/14/2022	17	60	10.4		179		1		15		91		6			14		310		165.2	
1/14/2022	18	60	10.6		185		2		17		88		5			14		309		163.8	
1/14/2022	19	60	10.4		177		2		19		90		8	7		14		309	309	166.4	165.1
1/14/2022	20	60	10.3		171		2		19		88		7			14		309		166.3	
1/14/2022	21	60	10.1		183		4		24		85		8			14		309		167.5	
1/14/2022	22	60	10.1		174		3		19		85		8			14		309		167.1	
1/14/2022	23	60	10.2		173		2		16		85		8	8		14	14	309	309	164.3	166.3

Average:
Geometric Mean Average:

Limit:

174
≤ 205 24-HR Block Avg.

3
≤ 29 24-HR Geometric Mean

OR

84
≥ 75% Removal Efficiency

see above
≤ 69 ppmc 4-HR Block Average

see above
≤ 12 lb/hr 8-HR. Block Average

see above
≤ 345 °F 4-HR Block Average

see above
≤ 173 klb/hr 4-HR Block Average

Status Flags

- I - Invalid
- B - Bad
- C - Calibration
- M - Maintenance
- F - Offline
- P - Purge
- T - Out of Control
- E - Excluded
- ^ - Startup
- * - Shutdown



COMPLIANCE SUMMARY REPORT

Date 1/14/22

Plant Wheelabrator North Andover
 Unit Unit 2
 Source Outlet

FMP

Date	Hour	On-Line Minutes	O2		NOx		SO2				CO			Carbon Feed		FF Temp (deg F)		Steam Klbs/Hr			
			Out Vol % Dry	Status	Outlet ppm 7%O2	Status	Outlet ppm 7%O2	Status	Inlet ppm 7%O2	Status	Removal	Status	Outlet ppm 7%O2	Status	4 Hr Block	Status	Lbs/Hr Avg.	8 Hr Block	1 Hr Avg.	4 Hr Block	1 Hr Avg.
1/14/2022	0	60	8.8		143		1		29		97		2			12		310		158.1	
1/14/2022	1	60	8.7		132		2		39		94		2			12		310		164.6	
1/14/2022	2	60	8.7		132		3		21		88		1			13		310		165.0	
1/14/2022	3	60	8.7		133		0		27		100		2	2		13		310	310	165.4	163.3
1/14/2022	4	60	9.1		164		2		35		93		2			13		310		166.3	
1/14/2022	5	60	9.2		167		5		28		83		1			14		310		166.1	
1/14/2022	6	60	9.3		170		4		25		82		1			14		310		165.6	
1/14/2022	7	60	9.1		169		1		15		92		2	2		14	13	310	310	165.5	165.9
1/14/2022	8	60	8.9		164		0		17		100		3			13		310		166.0	
1/14/2022	9	60	9.1		174		0		48	IBC	100	IBC	3			13		310		166.0	
1/14/2022	10	60	9.2		176		0		29		100		4			13		310		165.8	
1/14/2022	11	60	9.0		170		0		21		99		6	4		13		310	310	165.3	165.8
1/14/2022	12	60	8.7		161		0		34		100		2			13		310		166.2	
1/14/2022	13	60	9.1		182		0		26		100		3			14		310		165.6	
1/14/2022	14	60	8.9		177		0		26		100		3			13		310		165.9	
1/14/2022	15	60	8.9		184		0		31		100		3	3		13	13	310	310	165.4	165.8
1/14/2022	16	60	8.8		184		0		25		100		3			13		310		166.6	
1/14/2022	17	60	8.9		182		0		28		100		2			13		310		165.7	
1/14/2022	18	60	9.0		187		0		24		100		2			14		310		165.3	
1/14/2022	19	60	9.0		182		0		31		100		2	2		13		310	310	166.2	166.0
1/14/2022	20	60	8.9		167		0		37		100		3			13		310		165.3	
1/14/2022	21	60	9.1		185		0		39		100		2			13		310		165.8	
1/14/2022	22	60	9.1		182		0		40		100		2			14		310		165.6	
1/14/2022	23	60	9.2		186		0		35		100		3	2		14	13	310	310	166.0	165.7

Average:
Geometric Mean Average:

Limit:

169	0
≤ 205 24-HR Block Avg.	≤ 29 24-HR Geometric Mean

OR

100
≥ 75% Removal Efficiency

see above
≤ 69 ppmc 4-HR Block Average

see above
≤ 12 lb/hr 8-HR. Block Average

see above
≤ 345 °F 4-HR Block Average

see above
≤ 173 klb/hr 4-HR Block Average

Status Flags

- I - Invalid
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- E - Excluded
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- * - Shutdown

OPACITY REPORT

Date 14-Jan-2022

Plant Wheelabrator North Andover
 Unit Unit 1
 Source Outlet
 PLC 192.168.2.42

Limit 10 %

Time (hr)	1-6 min	7-12 min	13-18 min	19-24 min	25-30 min	31-36 min	37-42 min	43-48 min	49-54 min	55-60 min	Average
0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2
2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2
3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.2
4	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2
5	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3
6	1.9 IC	5.4 IC	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.8
7	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2
8	1.2	1.3	1.2	1.3	1.2	1.2	1.3	1.3	1.3	1.2	1.2
9	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
10	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
11	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.3	1.3
12	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
13	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.3
14	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2
15	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
16	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
17	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.2
18	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.2	1.2	1.2
19	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2
20	1.2	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.2	1.2
21	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2
22	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
23	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

OPACITY REPORT

Date 14-Jan-2022

Plant Wheelabrator North Andover
 Unit Unit 2
 Source Outlet
 PLC 192.168.2.44

Limit 10 %

Time (hr)	1-6 min	7-12 min	13-18 min	19-24 min	25-30 min	31-36 min	37-42 min	43-48 min	49-54 min	55-60 min	Average
0	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
1	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6
3	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
4	1.7	1.6	1.6	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.7
5	1.7	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
6	2.0 IBC	5.7 IBC	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.6	2.2
7	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
8	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
9	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7
10	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
11	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
12	1.7	1.7	1.7	1.7	1.6	1.7	1.6	1.7	1.6	1.7	1.7
13	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
14	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
15	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
16	1.6	1.6	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.6	1.6
17	1.6	1.6	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5
18	1.6	1.5	1.5	1.6	1.5	1.6	1.6	1.6	1.5	1.5	1.5
19	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6
20	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
21	1.6	1.6	1.6	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5
22	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.6	1.6	1.5
23	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5