



COMPLIANCE SUMMARY REPORT

Date 1/13/22

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.
1/13/2022	0	60	10.2		180		4		16		73		7			13		309		165.8	
1/13/2022	1	60	10.4		173		2		13		87		5			13		309		168.1	
1/13/2022	2	60	10.4		172		2		16		88		4			13		309		167.0	
1/13/2022	3	60	10.6		181		3		16		83		5	5		12		309	309	163.5	166.1
1/13/2022	4	60	10.6		188		5		21		78		5			13		309		165.2	
1/13/2022	5	60	10.6		185		5		11		57		6			13		310		163.0	
1/13/2022	6	60	10.6		184		4		6		37		7			13		309		163.9	
1/13/2022	7	60	10.4		174		3		5		45		6	6		13	13	309	309	165.1	164.3
1/13/2022	8	60	10.5		189		14		15		8		6			13		310		164.9	
1/13/2022	9	60	10.7		182		10		13		18		6			13		309		164.1	
1/13/2022	10	60	10.7		183		16		20		19		6			13		310		163.2	
1/13/2022	11	60	10.5		185		11		16		30		7	6		13		310	310	165.7	164.5
1/13/2022	12	60	10.2		188		14		23		38		7			13		319		169.2	
1/13/2022	13	60	10.5		180		10		16		39		7			13		309		166.4	
1/13/2022	14	60	10.4		180		4		8		52		6			13		309		165.4	
1/13/2022	15	60	10.2		181		2		5		67		6	7		13	13	310	312	165.0	166.5
1/13/2022	16	60	10.5		175		3		10		73		7			13		309		163.5	
1/13/2022	17	60	10.5		181		22		68		67		6			13		310		163.7	
1/13/2022	18	60	10.3		179		11		31		63		6			13		310		165.4	
1/13/2022	19	60	10.7		179		8		21		62		6	6		14		309	309	155.9	162.1
1/13/2022	20	60	10.8		178		12		31		62		6			14		309		148.5	
1/13/2022	21	60	10.6		172		7		22		67		5			14		309		149.3	
1/13/2022	22	60	10.6		177		11		23		51		5			14		309		150.5	
1/13/2022	23	60	10.7		165		17		36		54		6	5		14	14	310	309	150.2	149.6

Average:
Geometric Mean Average:

Limit:

180	6
≤ 205 24-HR Block Avg.	≤ 29 24-HR Geometric Mean

OR

61
≥ 75% Removal Efficiency

see above
≤ 69 4-HR Block Average ppmc

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

see above
≤ 345 4-HR Block Average °F

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

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 1/13/22

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.
1/13/2022	0	60	9.2		166		0		19		100		3			13		310		165.7	
1/13/2022	1	60	9.0		167		0		19		100		2			13		310		167.1	
1/13/2022	2	60	9.2		149		1		37		98		1			13		310		165.9	
1/13/2022	3	60	9.3		153		0		22		100		2	2		14		310	310	164.7	165.9
1/13/2022	4	60	9.1		160		0		19		100		2			13		310		166.6	
1/13/2022	5	60	9.3		160		0		14		100		2			13		310		165.7	
1/13/2022	6	60	9.4		168		0		15		100		4			13		310		165.2	
1/13/2022	7	60	9.2		158		0		14		100		3	2		13	13	310	310	165.8	165.8
1/13/2022	8	60	9.3		158		0		15		100		2			14		310		165.7	
1/13/2022	9	60	9.3		169		1		24		95		3			13		310		166.2	
1/13/2022	10	60	9.1		164		1		23		94		4			13		310		165.5	
1/13/2022	11	60	8.9		170		5		38		88		3	3		13		310	310	165.9	165.8
1/13/2022	12	60	9.0		162		1		20		96		4			13		310		165.7	
1/13/2022	13	60	9.1		166		1		19		93		3			13		310		165.9	
1/13/2022	14	60	9.1		167		1		12		96		2			13		310		166.0	
1/13/2022	15	60	8.8		166		1		13		93		3	3		12	13	310	310	166.3	166.0
1/13/2022	16	60	9.1		169		0		13		100		1			11		310		165.1	
1/13/2022	17	60	9.0		164		35		132		74		3			12		310		165.3	
1/13/2022	18	60	8.9		162		13		56		77		3			12		310		165.5	
1/13/2022	19	60	9.2		138		3		32		91		3	3		14		309	310	153.1	162.3
1/13/2022	20	60	9.0		114		1		26		97		5			14		309		149.1	
1/13/2022	21	60	8.9		123		0		24		100		3			14		310		149.6	
1/13/2022	22	60	8.9		146		2		32		95		2			15		310		150.6	
1/13/2022	23	60	9.1		140		1		32		96		2	3		13	13	310	310	150.3	149.9

Average:
Geometric Mean Average:

Limit:

157	0
≤ 205 24-HR Block Avg.	≤ 29 24-HR Geometric Mean

OR

99
≥ 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
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- E - Excluded
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- * - Shutdown

OPACITY REPORT

Date 13-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	1.3	1.2
1	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
3	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2
4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
6	1.8 IC	5.3 IC	1.2	1.2	1.2	1.3	1.2	1.3	1.3	1.3	1.8
7	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.3	1.2
8	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	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	1.3	1.3	1.4	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	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
14	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2
15	1.3	1.3	1.2	1.3	1.3	1.2	1.3	1.3	1.2	1.2	1.3
16	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2
17	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
18	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2
19	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
20	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2
21	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2
22	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
23	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2

OPACITY REPORT

Date 13-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	1.6	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	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6
5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
6	2.0 IBC	5.7 IBC	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.1
7	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6
8	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.7	1.7	1.7
9	1.7	1.6	1.7	1.6	1.7	1.6	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	1.6	1.7	1.7
11	1.7	1.7	1.6	1.7	1.7	1.6	1.6	1.7	1.7	1.7	1.7
12	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.6	1.6	1.6	1.7
13	1.7	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.6
14	1.6	1.6	1.6	1.6	1.7	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	1.6	1.5	1.5	1.6	1.6	1.5	1.6	1.6	1.6
17	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
18	1.6	1.6	1.6	1.5	1.5	1.6	1.5	1.6	1.6	1.6	1.6
19	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
20	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6
21	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
22	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
23	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6