



COMPLIANCE SUMMARY REPORT

Date 1/7/22

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.
1/7/2022	0	60	10.4		187		3		22		86		7			13		309		163.5	
1/7/2022	1	60	10.1		175		2		27		91		7			13		309		168.8	
1/7/2022	2	60	10.7		193		4		23		85		6			13		309		164.0	
1/7/2022	3	60	10.4		186		2		24		91		7	7		13		310	309	164.8	165.3
1/7/2022	4	60	10.2		186		1		21		93		5			13		309		167.2	
1/7/2022	5	60	10.3		189		3		24		86		6			13		309		166.4	
1/7/2022	6	60	10.5		187		5		23		81		5			13		309		165.3	
1/7/2022	7	60	10.5		179		6		34		81		7	6		13	13	310	309	164.6	165.9
1/7/2022	8	60	10.6		181		5		34		85		7			12		309		165.7	
1/7/2022	9	60	10.4		182		5		33		86		7			12		309		167.2	
1/7/2022	10	60	10.4		173		1		21		94		7			12		309		167.2	
1/7/2022	11	60	10.3		171		1		24		96		8	7		12		309	309	167.0	166.8
1/7/2022	12	60	10.6		184		2		22		92		8			13		309		164.8	
1/7/2022	13	60	10.5		190		1		17		95		7			13		310		166.0	
1/7/2022	14	60	10.4		181		1		13		95		6			13		309		167.1	
1/7/2022	15	60	10.5		180		0		14		97		6	7		13	12	309	309	165.4	165.8
1/7/2022	16	60	10.1		168		1		18		97		6			14		309		166.7	
1/7/2022	17	60	10.3		174		2		28		91		6			13		309		166.4	
1/7/2022	18	60	10.1		181		3		30		89		6			13		309		165.9	
1/7/2022	19	60	10.1		182		2		24		91		5	6		13		309	309	165.3	166.1
1/7/2022	20	60	10.4		183		1		20		94		6			13		309		163.3	
1/7/2022	21	60	10.4		178		1		18		93		5			13		309		164.6	
1/7/2022	22	60	10.3		182		2		19		91		6			13		310		167.1	
1/7/2022	23	60	10.3		185		5		32		85		6	6		13	13	309	309	166.9	165.5

Average:
Geometric Mean Average:

Limit:

182	2
≤ 205 24-HR Block Avg.	≤ 29 24-HR Geometric Mean

OR

91
≥ 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 1/7/22

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.
1/7/2022	0	60	9.9		185		1		28		97		4			13		310		165.3	
1/7/2022	1	60	9.8		187		0		24		100		4			13		310		165.7	
1/7/2022	2	60	9.6		182		1		30		96		3			13		310		166.3	
1/7/2022	3	60	9.7		191		0		21		100		4	4		14		310	310	165.4	165.7
1/7/2022	4	60	9.8		182		0		20		100		4			13		309		165.3	
1/7/2022	5	60	9.8		178		1		20		95		3			13		310		165.5	
1/7/2022	6	60	10.1		182		0		21		99		3			14		310		165.8	
1/7/2022	7	60	10.0		184		0		31		98		6	4		12	13	310	310	165.6	165.6
1/7/2022	8	60	10.0		173		0		20		100		5			11		310		166.0	
1/7/2022	9	60	9.9		176		0		18		100		6			11		310		165.8	
1/7/2022	10	60	10.0		175		0		17		100		5			12		310		165.6	
1/7/2022	11	60	9.9		173		0		14		100		6	5		12		310	310	164.4	165.5
1/7/2022	12	60	9.8		174		0		16		100		5			12		310		165.8	
1/7/2022	13	60	9.8		186		0		16		100		5			13		310		166.5	
1/7/2022	14	60	9.8		175		0		15		100		4			13		310		166.1	
1/7/2022	15	60	9.8		175		0		18		100		5	4		13	12	310	310	165.4	166.0
1/7/2022	16	60	9.6		172		0		16		100		4			14		310		165.8	
1/7/2022	17	60	9.6		179		0		31		99		4			13		310		166.1	
1/7/2022	18	60	9.9		179		0		34		99		4			13		311		165.3	
1/7/2022	19	60	9.8		177		0		28		100		4	4		13		310	310	165.0	165.5
1/7/2022	20	60	9.9		176		0		22		100		4			13		310		165.6	
1/7/2022	21	60	10.0		177		0		25		100		4			13		310		165.0	
1/7/2022	22	60	10.1		183		0		23		100		4			13		310		165.7	
1/7/2022	23	60	9.9		183		1		37		96		5	4		13	13	310	310	166.3	165.6

Average:
Geometric Mean Average:

179	0
≤ 205 24-HR Block Avg.	≤ 29 24-HR Geometric Mean

100
≥ 75% Removal Efficiency

OR

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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- * - Shutdown

OPACITY REPORT

Date 07-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	1.3	1.3	1.4	1.3	1.2	1.2	1.2	1.2	1.3
1	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2
2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3
3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	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	1.1	1.2	1.2	1.2	1.2	1.2
6	1.8 IC	5.4 IC	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.7
7	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
8	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2
9	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2
10	1.2	1.2	1.1	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2
11	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2
12	1.3	1.3	1.2	1.2	1.1	1.1	1.2	1.1	1.2	1.2	1.2
13	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.3
14	1.3	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.3
15	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2
16	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.3	1.2	1.2	1.2
17	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.2
18	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2
19	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
20	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
21	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2
22	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2
23	1.1	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.2

OPACITY REPORT

Date 07-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	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7
1	1.6	1.6	1.7	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6
2	1.6	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
3	1.7	1.7	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	1.6	1.6	1.6	1.7	1.6	1.7	1.6
5	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.7
6	1.9 IBC	5.7 IBC	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	2.1
7	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
8	1.7	1.7	1.7	1.8	1.7	1.8	1.7	1.7	1.7	1.7	1.7
9	1.7	1.7	1.7	1.7	1.7	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	1.6	1.7	1.6	1.6	1.6	1.6	1.7	1.6	1.6
12	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.7	1.7	1.7	1.6
13	1.7	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.6
14	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
15	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
16	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7
17	1.7	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6
18	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
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	1.6	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