



COMPLIANCE SUMMARY REPORT

Date 1/4/22

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.
1/4/2022	0	60	10.2		186		11		18		42		6			13		302		167.9	
1/4/2022	1	60	10.4		188		24		17		0		5			13		300		162.8	
1/4/2022	2	60	10.2		195		28		17		0		4			13		310		167.2	
1/4/2022	3	60	10.3		196		27		13		0		4	5		14		312	306	166.8	166.2
1/4/2022	4	60	10.2		194		25		12		0		4			13		307		164.9	
1/4/2022	5	60	10.2		191		30		6		0		5			13		312		166.4	
1/4/2022	6	60	10.3		193		32		7		0		5			12		310		167.1	
1/4/2022	7	60	10.4		191		28		8		0		5	5		13	13	311	310	164.4	165.7
1/4/2022	8	60	10.2		196		27		8		0		5			14		311		165.1	
1/4/2022	9	60	10.4		193		31		6		0		5			14		308		165.6	
1/4/2022	10	60	10.6		194		44		15		0		7			15		308		165.0	
1/4/2022	11	60	10.3		187		16		13		0		5	6		14		308	309	164.9	165.1
1/4/2022	12	60	10.4		178		2		6		68		5			14		309		164.0	
1/4/2022	13	60	10.4		189		5		6		18		4			14		310		164.5	
1/4/2022	14	60	10.4		187		4		10		65		6			14		309		159.1	
1/4/2022	15	60	10.1		191		2		7		79		5	5		14	14	309	309	165.4	163.2
1/4/2022	16	60	10.4		189		4		10		57		5			14		309		164.1	
1/4/2022	17	60	10.4		195		3		12		78		5			14		310		163.4	
1/4/2022	18	60	10.4		193		2		11		85		5			14		309		163.6	
1/4/2022	19	60	10.3		192		2		13		86		4	5		14		309	309	165.7	164.2
1/4/2022	20	60	10.4		189		5		23		79		4			13		309		165.6	
1/4/2022	21	60	10.2		190		6		14		60		5			14		309		167.0	
1/4/2022	22	60	10.3		182		6		12		52		4			14		309		167.7	
1/4/2022	23	60	10.4		191		6		12		48		4	4		14	14	309	309	166.1	166.6

Average:
Geometric Mean Average:

Limit:

190
≤ 205 24-HR Block Avg.

9
≤ 29 24-HR Geometric Mean

OR

14
≥ 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 1/4/22

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
1/4/2022	0	60	10.3		186		12		23		49		4		11		310		165.8	
1/4/2022	1	60	10.2		188		14		29		51		2		15		310		165.0	
1/4/2022	2	60	10.2		182		15		30		51		2		15		310		165.8	
1/4/2022	3	60	10.2		186		18		27		32		2	3	15		310	310	165.9	165.6
1/4/2022	4	60	10.2		190		13		31		58		2		14		310		166.4	
1/4/2022	5	60	10.2		187		16		19		14		3		12		310		166.1	
1/4/2022	6	60	10.3		187		19		14		0		2		12		310		166.1	
1/4/2022	7	60	10.4		191		23		20		0		2	2	15	14	310	310	165.2	165.9
1/4/2022	8	60	10.2		192		20		26		20		2		12		310		166.0	
1/4/2022	9	60	10.3		193		26		32		18		3		11		310		165.6	
1/4/2022	10	60	10.3		191		24		33		29		2		12		310		166.0	
1/4/2022	11	60	10.2		186		15		28		46		2	2	12		310	310	165.6	165.8
1/4/2022	12	60	10.2		193		3		27		90		2		13		310		165.6	
1/4/2022	13	60	10.0		189		5		28		80		2		12		310		166.6	
1/4/2022	14	60	10.0		191		1		32		96		2		12		310		166.0	
1/4/2022	15	60	10.0		188		2		43		96		55	15	12	12	310	310	166.0	166.1
1/4/2022	16	60	10.2		190		0		30		100		2		12		310		164.7	
1/4/2022	17	60	10.0		193		0		27		100		2		12		310		165.7	
1/4/2022	18	60	10.1		190		0		30		100		2		12		310		165.8	
1/4/2022	19	60	10.1		177		0		38		100		2	2	12		310	310	167.3	165.9
1/4/2022	20	60	10.2		186		0		43		100		3		14		309		165.5	
1/4/2022	21	60	10.0		189		0		47		99		3		14		310		166.1	
1/4/2022	22	60	10.1		174		0		44		99		2		13		310		166.5	
1/4/2022	23	60	10.1		184		0		39		99		2	2	14	13	310	310	165.5	165.9

Average:
Geometric Mean Average:

Limit:

188	3
≤ 205 24-HR Block Avg.	≤ 29 24-HR Geometric Mean

OR

95
≥ 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

OPACITY REPORT

Date 04-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	1.3	1.2	1.2	1.2	1.1	1.2	1.2	1.2
1	1.2	1.2	1.3	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3
2	1.3	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.2	1.3
3	1.2	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
4	1.2	1.2	1.2	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3
5	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
6	1.8 IC	5.4 IC	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.7
7	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.3	1.3	1.3	1.2
8	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4
9	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.4	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	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.1	1.2
12	1.1	1.2	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	1.4	1.3	1.3	1.3	1.2	1.3	1.3
14	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.2	1.2	1.2	1.3
15	1.2	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
16	1.3	1.2	1.2	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3
17	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2
18	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	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	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.3
21	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.3	1.2	1.2
22	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.3	1.3	1.3	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 01-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	1.7	1.6	1.7	1.6	1.6	1.7	1.6	1.7	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	1.6	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	1.9 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	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
8	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
9	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.7	1.6
10	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
11	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.6
12	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
13	1.6	1.6	1.6	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	1.7	1.6
15	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6
16	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
17	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	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	1.7	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