



COMPLIANCE SUMMARY REPORT

Date 1/8/22

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.
1/8/2022	0	60	10.3		178		6		35		82		6			13		309		164.8	
1/8/2022	1	60	10.3		180		1		19		94		6			13		309		166.4	
1/8/2022	2	60	10.4		187		2		22		90		6			13		309		166.5	
1/8/2022	3	60	10.5		183		8		34		78		6	6		13		309	309	164.3	165.5
1/8/2022	4	60	10.4		183		4		25		83		6			13		310		165.3	
1/8/2022	5	60	10.5		187		5		23		78		6			13		309		163.7	
1/8/2022	6	60	10.5		186		24		81		71		6			13		310		164.8	
1/8/2022	7	60	10.5		187		10		33		70		6	6		14	13	309	309	165.6	164.9
1/8/2022	8	60	10.7		184		4		21		79		5			14		309		163.1	
1/8/2022	9	60	10.6		188		7		31		78		5			14		309		163.4	
1/8/2022	10	60	10.6		198		13		43		68		6			14		309		165.9	
1/8/2022	11	60	10.5		193		6		30		79		7	6		14		310	309	164.7	164.3
1/8/2022	12	60	10.4		183		14		51		72		7			14		309		166.5	
1/8/2022	13	60	10.6		188		9		34		73		6			14		309		164.6	
1/8/2022	14	60	10.5		183		1		16		92		5			14		309		164.2	
1/8/2022	15	60	10.5		182		2		21		88		5	6		14	14	309	309	164.6	165.0
1/8/2022	16	60	10.5		178		7		24		73		6			13		309		164.5	
1/8/2022	17	60	10.7		183		17		49		65		6			14		309		163.0	
1/8/2022	18	60	10.5		185		7		29		75		7			14		309		164.6	
1/8/2022	19	60	10.4		186		6		24		75		6	6		14		309	309	164.9	164.3
1/8/2022	20	60	10.5		188		8		28		71		6			15		309		165.0	
1/8/2022	21	60	10.5		185		5		20		73		6			14		309		164.4	
1/8/2022	22	60	10.5		188		4		15		76		6			14		310		165.0	
1/8/2022	23	60	10.4		184		5		17		73		6	6		14	14	309	309	166.9	165.3

Average:
Geometric Mean Average:

Limit:

185	6
≤ 205 24-HR Block Avg.	≤ 29 24-HR Geometric Mean

OR

79
≥ 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 1/8/22

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.
1/8/2022	0	60	9.9		181		6		48		87		4			12		310		165.5	
1/8/2022	1	60	10.0		178		0		17		100		5			12		310		165.2	
1/8/2022	2	60	9.9		183		0		19		100		4			12		310		166.1	
1/8/2022	3	60	9.9		182		0		25		100		4	4		12		310	310	166.1	165.7
1/8/2022	4	60	10.1		187		1		36		96		4			12		310		166.1	
1/8/2022	5	60	10.1		180		2		32		93		3			12		310		165.7	
1/8/2022	6	60	11.1		194		28		104		73		4			13		310		152.6	
1/8/2022	7	60	11.2		187		7		45		84		4	4		12	12	310	310	150.0	158.6
1/8/2022	8	60	10.9		181		0		18		99		6			12		311		159.7	
1/8/2022	9	60	10.3		177		0		30		100		4			12		309		163.0	
1/8/2022	10	60	10.8		186		0		20		100		6			12		310		157.8	
1/8/2022	11	60	10.3		181		0		21		99		6	5		12		310	310	156.4	159.2
1/8/2022	12	60	9.9		187		0		10		100		4			13		309		164.4	
1/8/2022	13	60	10.0		181		0		14		100		3			13		310		165.6	
1/8/2022	14	60	10.0		181		0		17		100		3			13		310		166.0	
1/8/2022	15	60	10.2		183		0		19		100		3	3		13	12	310	310	165.8	165.5
1/8/2022	16	60	11.0		191		3		41		93		6			13		310		158.0	
1/8/2022	17	60	10.2		186		3		45		94		4			13		310		163.5	
1/8/2022	18	60	10.1		186		2		37		94		4			13		310		165.9	
1/8/2022	19	60	10.2		186		0		24		99		4	4		13		310	310	166.2	163.4
1/8/2022	20	60	10.2		182		0		19		98		4			13		309		165.4	
1/8/2022	21	60	10.2		181		0		16		100		3			13		310		166.2	
1/8/2022	22	60	10.2		179		0		15		100		3			13		310		165.8	
1/8/2022	23	60	10.2		175		0		23		98		4	4		13	13	310	310	165.9	165.8

Average:
Geometric Mean Average:

Limit:

183	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
- M - Maintenance
- F - Offline
- P - Purge
- T - Out of Control
- E - Excluded
- ^ - Startup
- * - Shutdown

OPACITY REPORT

Date 08-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	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1
1	1.1	1.1	1.1	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.2
2	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2
3	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
4	1.1	1.1	1.1	1.2	1.1	1.2	1.2	1.2	1.1	1.2	1.1
5	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2
6	1.9 IC	5.2 IC	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.7
7	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2
8	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.4	1.3
9	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3
10	1.4	1.3	1.3	1.3	1.3	1.4	1.4	1.3	1.3	1.3	1.3
11	1.3	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
12	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.3
13	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
14	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3
15	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
16	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.3
17	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2
18	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
19	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1
20	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.1	1.0
21	1.1	1.1	1.3	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.3
22	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3
23	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.3

OPACITY REPORT

Date 08-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	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5
1	1.5	1.5	1.5	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	1.5	1.6	1.6	1.6	1.6	1.6
3	1.5	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6
4	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
5	1.5	1.5	1.5	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	1.7	1.7	1.6	1.7	2.1
7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6
8	1.6	1.7	1.6	1.6	1.7	1.7	1.7	1.6	1.6	1.6	1.6
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	1.8	1.7	1.7	1.7	1.7
11	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
12	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
13	1.6	1.6	1.7	1.7	1.7	1.6	1.7	1.7	1.6	1.7	1.7
14	1.7	1.7	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6
15	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7
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	1.5	1.6	1.6	1.6
18	1.6	1.6	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.4	1.5
19	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5
20	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
21	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6
22	1.7	1.7	1.7	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6
23	1.6	1.6	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.7	1.7