



COMPLIANCE SUMMARY REPORT

Date 1/5/22

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
1/5/2022	0	60	10.4		181		7		12		37		6		14		309		164.4	
1/5/2022	1	60	10.3		191		5		11		57		5		14		310		164.9	
1/5/2022	2	60	10.4		184		4		11		68		4		13		310		166.1	
1/5/2022	3	60	10.4		186		2		12		79		4	5	13		309	309	164.4	165.0
1/5/2022	4	60	10.4		183		5		11		53		4		14		309		164.1	
1/5/2022	5	60	10.2		182		4		5		24		4		14		309		163.9	
1/5/2022	6	60	10.2		176		4		4		0		6		11		309		166.3	
1/5/2022	7	60	10.5		192		7		5		0		6	5	13	13	309	309	164.7	164.8
1/5/2022	8	60	10.5		192		8		19		60		5		12		309		164.2	
1/5/2022	9	60	10.5		190		14		37		63		6		12		310		164.4	
1/5/2022	10	60	10.4		181		1		8		83		5		12		309		164.6	
1/5/2022	11	60	10.1		180		0		6		95		6	5	12		310	310	165.9	164.8
1/5/2022	12	60	10.2		184		0		7		94		6		12		309		165.8	
1/5/2022	13	60	10.3		185		1		13		89		6		12		310		164.6	
1/5/2022	14	60	10.3		188		4		16		77		7		12		309		164.3	
1/5/2022	15	60	10.1		187		7		10		27		7	6	12	12	309	309	167.8	165.6
1/5/2022	16	60	10.2		191		3		18		85		6		12		309		166.7	
1/5/2022	17	60	10.2		188		2		12		81		6		12		309		165.2	
1/5/2022	18	60	10.2		189		6		14		55		4		12		309		168.2	
1/5/2022	19	60	10.2		188		3		19		86		5	5	13		309	309	167.2	166.8
1/5/2022	20	60	10.5		179		2		24		92		5		13		309		164.6	
1/5/2022	21	60	10.7		183		3		27	IBM	89	IBM	5		13		309		162.7	
1/5/2022	22	60	10.4		190		4		37		90		6		13		309		164.1	
1/5/2022	23	60	10.3		189		2		31		94		6	6	13	13	309	309	164.3	163.9

Average:
Geometric Mean Average:

Limit:

186
3
≤ 205 24-HR Block Avg.
≤ 29 24-HR Geometric Mean

OR

75
≥ 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 1/5/22

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.
1/5/2022	0	60	10.2		192		1		42		98		2			15		310		165.0	
1/5/2022	1	60	10.1		183		0		33		100		2			14		310		164.8	
1/5/2022	2	60	9.9		187		0		34		100		2			13		310		166.0	
1/5/2022	3	60	10.0		189		0		40		99		2	2		13		310	310	165.7	165.4
1/5/2022	4	60	10.0		181		2		37		95		2			13		310		166.7	
1/5/2022	5	60	10.0		189		2		31		93		2			11		310		166.1	
1/5/2022	6	60	10.1		187		2		29		95		2			16		310		165.2	
1/5/2022	7	60	10.2		188		7		38		82		3	2		12	13	310	310	162.9	165.2
1/5/2022	8	60	10.1		186		9		51		81		2			12		310		165.7	
1/5/2022	9	60	10.1		190		8		49		84		3			12		310		165.5	
1/5/2022	10	60	10.1		182		1		32		98		4			12		310		165.9	
1/5/2022	11	60	10.0		178		0		18		100		5	3		12		310	310	166.2	165.8
1/5/2022	12	60	9.7		184		0		22		100		3			12		310		165.9	
1/5/2022	13	60	9.7		190		4		30		88		2			12		310		165.8	
1/5/2022	14	60	9.6		192		0		21		98		3			12		310		164.8	
1/5/2022	15	60	9.7		187		0		23		98		3	3		12	12	310	310	165.8	165.6
1/5/2022	16	60	9.7		192		0		21		100		3			12		310		166.2	
1/5/2022	17	60	9.5		193		5		62		92		3			12		310		166.0	
1/5/2022	18	60	9.9		171		1		39		98		3			14		310		166.6	
1/5/2022	19	60	9.7		185		2		46		97		1	3		12		310	310	166.3	166.3
1/5/2022	20	60	9.7		189		3		45		94		2			13		310		165.0	
1/5/2022	21	60	9.7		187		0		30		99		2			14		310		165.6	
1/5/2022	22	60	9.8		183		0		33		100		2			14		310		165.5	
1/5/2022	23	60	9.6		190		2		37		95		3	2		14	13	310	310	166.0	165.5

Average:
Geometric Mean Average:

Limit:

186	1
≤ 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
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- ^ - Startup
- * - Shutdown

OPACITY REPORT

Date 05-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	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.3	1.2	1.3
1	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3
2	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.3
3	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.3
4	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.2
5	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.2
6	1.8 IC	5.5 IC	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.8
7	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.3
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	1.3	1.2	1.2	1.3
10	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3
11	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.2	1.2	1.3	1.2
12	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.2
13	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
14	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.2	1.3	1.3	1.3
15	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.3
16	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.3
17	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3
18	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
19	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.3	1.3
20	1.3	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2
21	1.3	1.3	1.3	1.3	1.2	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	1.2	1.2
23	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2

OPACITY REPORT

Date 02-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	1.6	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	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	1.6	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	1.6	1.6	1.6	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	1.6	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	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6
14	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.5	1.6
15	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.6	1.6	1.5
16	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6
17	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.5	1.6
18	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
19	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
20	1.5	1.5	1.5	1.6	1.5	1.6	1.6	1.6	1.5	1.5	1.5
21	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5
22	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
23	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5