



COMPLIANCE SUMMARY REPORT

Date 1/11/22

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
1/11/2022	0	60	10.2		168		9		9		0		6		13		309		165.1	
1/11/2022	1	60	10.1		153		5		7		17		6		14		309		164.9	
1/11/2022	2	60	10.3		170		9		6		0		6		13		324		163.5	
1/11/2022	3	60	10.3		165		12		23		50		6	6	13		309	313	164.5	164.5
1/11/2022	4	60	10.1		165		5		7		29		6		13		309		168.7	
1/11/2022	5	60	10.2		166		3		6		44		6		14		309		167.2	
1/11/2022	6	60	10.2		163		2		1		0		7		13		309		165.1	
1/11/2022	7	60	10.2		155		5		17	IBM	69	IBM	6	6	13	13	309	309	166.1	166.8
1/11/2022	8	60	10.2		155		1		11	IBM	95	IBM	6		13		310		164.3	
1/11/2022	9	60	10.7		172		9		20		55		7		13		309		162.6	
1/11/2022	10	60	10.6		169		9		15		38		6		13		309		164.7	
1/11/2022	11	60	10.4		169		3		16		79		8	7	13		310	309	166.3	164.5
1/11/2022	12	60	10.6		168		10		27		64		8		13		309		166.3	
1/11/2022	13	60	10.3		162		4		19		78		7		13		310		165.1	
1/11/2022	14	60	10.7		168		3		16		81		6		14		309		165.1	
1/11/2022	15	60	10.4		162		6		17		65		8	7	13	13	309	309	164.7	165.3
1/11/2022	16	60	10.3		151		1		14		95		7		13		310		165.1	
1/11/2022	17	60	10.5		168		4		27		85		7		13		309		163.2	
1/11/2022	18	60	10.3		168		5		24		81		7		13		310		165.3	
1/11/2022	19	60	10.3		159		4		18		80		6	7	13		309	309	165.1	164.7
1/11/2022	20	60	10.3		156		2		16		88		7		14		310		165.6	
1/11/2022	21	60	10.3		164		4		20		79		6		13		309		165.8	
1/11/2022	22	60	10.4		163		2		15		84		7		13		309		166.2	
1/11/2022	23	60	10.2		150		4		17		76		6	7	13	13	309	309	165.2	165.7

Average:
Geometric Mean Average:

Limit:

163	4
≤ 205 24-HR Block Avg.	≤ 29 24-HR Geometric Mean

OR

66
≥ 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 1/11/22

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.
1/11/2022	0	60	9.3		190		2		41		96		2			13		310		165.9	
1/11/2022	1	60	9.4		194		1		35		98		2			13		310		165.5	
1/11/2022	2	60	9.4		189		1		24		97		2			13		310		165.5	
1/11/2022	3	60	9.3		183		0		23		100		2	2		13		310	310	166.0	165.7
1/11/2022	4	60	9.4		183		0		22		100		2			13		310		166.2	
1/11/2022	5	60	9.7		172		0		17		97		1			13		309		165.4	
1/11/2022	6	60	9.5		188		0		14		100		1			13		310		165.6	
1/11/2022	7	60	9.4		186		0	IBM	19	IBM	100	IBM	1	1		12	13	310	310	166.9	166.0
1/11/2022	8	60	9.6		186		0	IBM	17	IBM	100	IBM	1			14		310		164.9	
1/11/2022	9	60	9.7		181		0		26		100		2			14		310		165.7	
1/11/2022	10	60	9.7		179		0		22		100		2			15		310		165.7	
1/11/2022	11	60	9.7		174		0		22		100		2	2		15		309	310	166.3	165.6
1/11/2022	12	60	9.7		178		0		25		100		2			15		310		166.2	
1/11/2022	13	60	9.6		177		0		31		100		2			15		310		165.7	
1/11/2022	14	60	9.7		179		0		18		100		1			14		310		165.8	
1/11/2022	15	60	9.6		183		1		48		98		3	2		14	14	310	310	165.8	165.9
1/11/2022	16	60	9.5		188		0		23		100		2			14		310		165.5	
1/11/2022	17	60	9.5		187		0		46		99		2			14		310		166.3	
1/11/2022	18	60	9.5		191		0		32		100		2			14		310		165.4	
1/11/2022	19	60	9.5		189		0		28		100		1	2		14		310	310	166.0	165.8
1/11/2022	20	60	9.5		186		0		25		100		2			15		309		166.2	
1/11/2022	21	60	9.7		180		0		25		100		2			14		310		165.6	
1/11/2022	22	60	9.5		184		0		25		100		2			14		310		165.7	
1/11/2022	23	60	9.5		181		0		21		100		2	2		14	14	310	310	165.5	165.7

Average:
Geometric Mean Average:

Limit:

184	0
≤ 205 24-HR Block Avg.	≤ 29 24-HR Geometric Mean

OR

100
≥ 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

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OPACITY REPORT

Date 11-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	1.3	1.3	1.3	1.3	1.3
1	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2
2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.2	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	1.2
4	1.2	1.3	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2
5	1.2	1.2	1.3	1.3	1.2	1.2	1.3	1.2	1.2	1.2	1.2
6	1.9 IC	5.3 IC	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.7
7	1.2	1.1	1.2	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.2
8	1.3	1.4	1.3	1.4	1.3	1.4	1.4	1.4	1.4	1.3	1.4
9	1.3	1.3	1.3	1.3	1.2	1.3	1.2	1.2	1.2	1.3	1.3
10	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2
11	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.3	1.2	1.3
12	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
13	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
14	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.2
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	1.2	1.3	1.3	1.3	1.2	1.3	1.3
17	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
18	1.2	1.1	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3
19	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.3
20	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
21	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.2
22	1.2	1.3	1.3	1.2	1.2	1.2	1.3	1.2	1.2	1.3	1.2
23	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3

OPACITY REPORT

Date 11-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	1.5	1.5	1.5	1.6	1.5	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	1.5	1.5	1.5	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	1.5	1.6	1.6	1.6	1.5	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	1.5	1.6	1.6	1.6	1.6	1.6	1.6
8	1.6	1.6	1.7	1.7	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	1.7	1.7	1.7	1.7	1.6	1.6
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	1.6	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	1.7	1.6	1.6	1.6
15	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
16	1.7	1.7	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	1.7	1.7	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	1.6	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	1.7	1.6	1.6	1.6	1.6
22	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6
23	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6