



COMPLIANCE SUMMARY REPORT

Date 1/1/22

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.
1/1/2022	0	60	10.2		192		1		39		98		4			15		305		163.6	
1/1/2022	1	60	10.1		194		1		46		99		4			15		308		165.5	
1/1/2022	2	60	10.1		193		1		41		99		4			15		311		166.7	
1/1/2022	3	60	10.1		189		1		34		98		4	4		15		305	308	165.5	165.3
1/1/2022	4	60	10.3		189		5		39		87		4			15		306		163.2	
1/1/2022	5	60	10.3		192		9		25		63		4			15		314		163.2	
1/1/2022	6	60	10.0		184		16		34		52		4			15		314		167.8	
1/1/2022	7	60	10.2		182		11		46		75		4	4		15	15	297	308	163.7	164.5
1/1/2022	8	60	10.2		192		20		55		64		3			15		304		163.3	
1/1/2022	9	60	10.1		160		19		58		68		6			15		303		163.7	
1/1/2022	10	60	10.2		180		15		49		69		3			15		301		166.1	
1/1/2022	11	60	10.1		190		19		47		60		3	4		15		308	304	166.9	165.0
1/1/2022	12	60	10.0		173		24		82		71		4			15		311		167.0	
1/1/2022	13	60	10.2		189		21		78		72		3			15		310		164.7	
1/1/2022	14	60	9.9		186		23		74		69		3			14		310		166.8	
1/1/2022	15	60	10.0		186		13		69		82		4	4		14	15	303	308	167.0	166.4
1/1/2022	16	60	10.0		187		19		59		68		3			15		305		169.1	
1/1/2022	17	60	10.1		179		12		48		74		3			15		298		167.9	
1/1/2022	18	60	10.2		176		20		44		56		3			15		303		164.5	
1/1/2022	19	60	10.2		177		21		59		65		3	3		14		308	304	164.4	166.5
1/1/2022	20	60	10.0		173		14		61		77		5			14		310		167.1	
1/1/2022	21	60	10.2		180		14		52		74		4			16		303		167.2	
1/1/2022	22	60	10.0		182		40		64		37		3			14		302		166.2	
1/1/2022	23	60	10.2		185		63		73		13		3	4		15	15	307	306	169.9	167.6

Average:
Geometric Mean Average:

Limit:

184
≤ 205 24-HR Block Avg.

10
≤ 29 24-HR Geometric Mean

OR

81
≥ 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 1/1/22

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.
1/1/2022	0	60	10.4		178		18		51		64		2			14		310		165.3	
1/1/2022	1	60	10.2		184		16		49		69		2			14		310		165.5	
1/1/2022	2	60	10.0		181		15		44		66		1			14		310		167.0	
1/1/2022	3	60	9.7		170		14		53		74		0	1		14		310	310	165.7	165.9
1/1/2022	4	60	10.1		177		19		59		67		1			14		310		165.1	
1/1/2022	5	60	10.0		177		19		48		60		0			13		310		166.2	
1/1/2022	6	60	10.0		180		22		51		58		0			14		310		167.1	
1/1/2022	7	60	9.8		180		19		59		68		1	0		13	14	310	310	167.2	166.4
1/1/2022	8	60	10.1		181		24		73		67		0			13		310		166.5	
1/1/2022	9	60	9.3		154		26		77		66		3			14		310		172.9	
1/1/2022	10	60	10.0		174		24		66		63		0			14		310		167.4	
1/1/2022	11	60	9.7		174		20		56		65		1	1		13		310	310	168.5	168.8
1/1/2022	12	60	9.8		178		21		65		68		2			14		310		167.9	
1/1/2022	13	60	9.5		171		19		81		77		2			14		310		172.6	
1/1/2022	14	60	10.0		178		21		76		73		1			13		310		168.3	
1/1/2022	15	60	10.1		169		20		65		69		1	1		14	14	310	310	167.0	169.0
1/1/2022	16	60	10.1		178		21		76		73		2			13		311		165.3	
1/1/2022	17	60	9.6		168		21		78		73		2			14		310		169.8	
1/1/2022	18	60	10.3		163		19		61		69		4			14		310		165.7	
1/1/2022	19	60	10.2		179		16		58		73		2	3		13		310	310	162.9	165.9
1/1/2022	20	60	10.3		174		16		53		69		2			13		310		162.4	
1/1/2022	21	60	10.5		180		21		67		69		2			14		310		164.2	
1/1/2022	22	60	10.2		173		25		83		70		1			13		310		166.0	
1/1/2022	23	60	10.7		173		20		60		67		3	2		13	13	310	310	161.3	163.5

Average:
Geometric Mean Average:

Limit:

175
≤ 205 24-HR Block Avg.

20
≤ 29 24-HR Geometric Mean

OR

68
≥ 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 01-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	1.2	1.2	1.2	1.3
1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
2	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
3	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.2
4	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3
5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
6	1.8 IC	5.4 IC	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.8
7	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2
8	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
9	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
10	1.3	1.3	1.2	1.2	1.3	1.2	1.2	1.2	1.3	1.3	1.3
11	1.3	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.2
12	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.3
13	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.3
14	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
15	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3
16	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
17	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
18	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2
19	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
20	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.2	1.3
21	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3
22	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.2
23	1.2	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3

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