



COMPLIANCE SUMMARY REPORT

Date 1/3/22

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.
1/3/2022	0	60	10.3		183		8		42		81		4			15		305		165.0	
1/3/2022	1	60	10.2		173		33		59		43		4			15		298		164.0	
1/3/2022	2	60	10.3		182		58		67		14		4			15		304		166.0	
1/3/2022	3	60	10.3		183		28		51		45		4	4		15		309	304	164.5	164.9
1/3/2022	4	60	10.0		189		19		49		62		4			15		311		167.1	
1/3/2022	5	60	10.2		179		52		19		0		4			14		300		163.6	
1/3/2022	6	60	10.2		190		15		13		0		3			14		305		164.4	
1/3/2022	7	60	10.2		185		34		19		0		5	4		14	15	305	305	166.3	165.3
1/3/2022	8	60	10.2		176		10		15		33		4			15		308		163.9	
1/3/2022	9	60	10.4		185		24		22		0		5			14		306		164.5	
1/3/2022	10	60	10.3		183		31		26		0		7			14		310		164.6	
1/3/2022	11	60	10.2		191		5		20		74		7	6		14		304	307	162.9	164.0
1/3/2022	12	60	10.3		190		24		20		0		6			14		305		164.2	
1/3/2022	13	60	10.4		192		35		16		0		6			14		313		164.4	
1/3/2022	14	60	10.4		190		23		11		0		6			13		306		162.9	
1/3/2022	15	60	10.3		196		30		20		0		6	6		14	14	306	307	165.3	164.2
1/3/2022	16	60	10.4		196		18		19		8		6			13		308		166.6	
1/3/2022	17	60	10.4		197		29		20		0		6			13		309		164.5	
1/3/2022	18	60	10.5		196		29		33		14		5			13		310		165.1	
1/3/2022	19	60	10.6		200		27		25		0		4	5		13		311	310	167.6	165.9
1/3/2022	20	60	10.6		195		13		27		53		5			13		308		164.6	
1/3/2022	21	60	10.5		198		16		34		53		4			13		310		165.0	
1/3/2022	22	60	10.3		193		20		24		18		4			12		311		166.2	
1/3/2022	23	60	10.1		192		14		17		12		5	5		13	13	311	310	168.0	166.0

Average:
Geometric Mean Average:

Limit:

189
≤ 205 24-HR Block Avg.

22
≤ 29 24-HR Geometric Mean

OR

13
≥ 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 1/3/22

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.
1/3/2022	0	60	10.2		174		25		80		69		1			14		310		166.6	
1/3/2022	1	60	9.6		144		32		107		70		21			14		310		168.4	
1/3/2022	2	60	9.9		178		31		102		70		1			15		310		165.6	
1/3/2022	3	60	10.6		189		23		76		70		1	6		15		310	310	160.1	165.2
1/3/2022	4	60	9.2		148		15		67		78		134			15		309		159.5	
1/3/2022	5	60	10.6		192		23		44		49		1			15		311		156.6	
1/3/2022	6	60	10.3		185		21		31		34		2			15		310		166.0	
1/3/2022	7	60	10.6		184		13		24		44		2	35		15	15	310	310	161.6	160.9
1/3/2022	8	60	10.3		183		19		38		50		2			16		310		164.6	
1/3/2022	9	60	10.5		192		42		66		36		3			16		310		164.8	
1/3/2022	10	60	10.4		193		22		45		52		3			16		310		165.6	
1/3/2022	11	60	10.4		189		22		46		53		3	3		15		310	310	164.7	164.9
1/3/2022	12	60	10.5		185		14		39		64		3			15		309		165.9	
1/3/2022	13	60	10.5		193		10		31		69		3			14		310		165.7	
1/3/2022	14	60	10.4		192		11		36		69		3			12		310		165.8	
1/3/2022	15	60	10.5		189		17		46		63		2	3		13	15	310	310	165.9	165.8
1/3/2022	16	60	10.5		188		16		42		62		3			12		310		165.6	
1/3/2022	17	60	10.3		183		15		43		65		3			13		310		165.7	
1/3/2022	18	60	10.4		190		19		62		70		3			13		307		164.5	
1/3/2022	19	60	10.5		189		15		36		60		2	3		13		310	309	166.4	165.6
1/3/2022	20	60	10.4		188		13		38		65		2			13		310		165.7	
1/3/2022	21	60	10.3		187		11		45		75		2			13		298		165.7	
1/3/2022	22	60	10.3		187		14		42		66		2			13		299		166.2	
1/3/2022	23	60	10.2		185		12		33		63		2	2		12	13	305	303	166.0	165.9

Average:
Geometric Mean Average:

Limit:

184	18
≤ 205 24-HR Block Avg.	≤ 29 24-HR Geometric Mean

OR

63
≥ 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
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OPACITY REPORT

Date 03-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	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.2
1	1.3	1.3	1.2	1.3	1.2	1.2	1.3	1.2	1.3	1.2	1.3
2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2
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	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2
5	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
6	1.8 IC	5.5 IC	1.2	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.8
7	1.3	1.3	1.3	1.2	1.3	1.2	1.2	1.3	1.3	1.3	1.3
8	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
10	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.3
11	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.2	1.3
12	1.2	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	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2
14	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3
15	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.2	1.3	1.3
16	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2
17	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
18	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
19	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
20	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.3	1.2
21	1.3	1.2	1.2	1.2	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	1.1	1.1	1.1	1.2	1.2	1.2
23	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.1	1.2

OPACITY REPORT

Date 03-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	1.6	1.5	1.5	1.6	1.5	1.6	1.6	1.5	1.5	1.5
1	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.6	1.5	1.5	1.6
2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5
5	1.6	1.6	1.6	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5
6	1.9 IBC	5.6 IBC	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	2.0
7	1.6	1.6	1.6	1.5	1.6	1.5	1.6	1.6	1.6	1.6	1.6
8	1.6	1.6	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5
9	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.6	1.5	1.5
10	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6
11	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	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	1.6	1.6	1.6	1.6
15	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.6
16	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
17	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.6	1.5
18	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
19	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5
20	1.5	1.6	1.5	1.6	1.6	1.6	1.5	1.6	1.5	1.6	1.6
21	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.5	1.6
22	1.6	1.5	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	1.5	1.5	1.6