



# COMPLIANCE SUMMARY REPORT

Date 1/12/22

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.
1/12/2022	0	60	10.0		140		1		15		92		6			13		309		166.2	
1/12/2022	1	60	10.2		153		2		16		89		5			13		309		165.1	
1/12/2022	2	60	10.5		154		5		16		70		5			13		309		166.5	
1/12/2022	3	60	10.3		149		1		9		89		5	5		13		310	309	164.9	165.7
1/12/2022	4	60	10.2		150		2		13		88		6			13		309		164.3	
1/12/2022	5	60	10.2		139		2		17		85		5			13		310		164.6	
1/12/2022	6	60	10.1		147		2		11		85		6			14		309		164.2	
1/12/2022	7	60	10.2		152		2		13		80		6	6		12	13	309	309	164.8	164.5
1/12/2022	8	60	10.5		141		4		9		52		6			13		310		165.2	
1/12/2022	9	60	10.3		146		7		25		74		8			13		310		163.3	
1/12/2022	10	60	10.2		162		3		16		80		7			13		309		163.8	
1/12/2022	11	60	10.2		173		2		8		80		7	7		13		309	309	164.7	164.3
1/12/2022	12	60	10.1		170		6		14		60		7			13		309		165.7	
1/12/2022	13	60	10.4		156		5		14		64		7			13		309		167.4	
1/12/2022	14	60	10.3		179		5		17		70		7			13		310		166.0	
1/12/2022	15	60	10.2		183		6		22		71		8	7		13	13	309	309	165.1	166.0
1/12/2022	16	60	10.2		184		4		15		73		7			13		309		165.1	
1/12/2022	17	60	10.2		183		5		18		72		7			13		309		165.4	
1/12/2022	18	60	10.2		192		3		13		77		6			13		309		165.1	
1/12/2022	19	60	10.1		187		2		10		76		6	6		13		310	309	164.6	165.0
1/12/2022	20	60	10.2		189		4		12		70		7			13		310		165.5	
1/12/2022	21	60	10.1		178		3		9		63		6			13		309		164.4	
1/12/2022	22	60	10.1		185		2		10		83		6			13		310		164.5	
1/12/2022	23	60	10.1		186		2		11		83		7	6		13	13	309	309	165.4	165.0

Average:  
Geometric Mean Average:

Limit:

<b>166</b>	<b>3</b>
≤ 205 24-HR Block Avg.	≤ 29 24-HR Geometric Mean

OR

<b>78</b>
≥ 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 1/12/22

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.
1/12/2022	0	60	9.3		181		0		20		100		2			14		310		166.2	
1/12/2022	1	60	9.7		173		0		19		100		2			14		310		165.0	
1/12/2022	2	60	9.8		168		0		17		100		1			14		310		166.0	
1/12/2022	3	60	9.6		168		0		18		100		1	1		14		310	310	166.3	165.9
1/12/2022	4	60	9.4		172		0		24		100		2			14		310		166.0	
1/12/2022	5	60	9.4		178		0		26		99		2			15		310		165.7	
1/12/2022	6	60	9.4		183		0		18		100		3			14		310		165.4	
1/12/2022	7	60	9.6		178		0		24		99		2	2		13	14	310	310	165.2	165.6
1/12/2022	8	60	9.7		152		0		14		100		2			14		310		165.2	
1/12/2022	9	60	9.6		166		0		24		100		4			13		310		165.4	
1/12/2022	10	60	9.3		182		1		29		98		3			13		310		166.3	
1/12/2022	11	60	9.3		179		0		17		100		4	3		13		310	310	165.9	165.7
1/12/2022	12	60	9.2		167		0		20		100		4			13		310		165.7	
1/12/2022	13	60	9.2		162		0		23		99		5			13		310		166.9	
1/12/2022	14	60	9.2		172		0		20		100		4			13		310		165.8	
1/12/2022	15	60	9.3		166		1		34		98		4	4		13	13	310	310	165.2	165.9
1/12/2022	16	60	9.1		173		0		24		100		3			13		310		166.0	
1/12/2022	17	60	9.0		163		0		23		100		2			13		310		165.9	
1/12/2022	18	60	9.1		170		0		16		100		3			13		310		165.4	
1/12/2022	19	60	9.0		166		0		16		100		2	2		13		310	310	166.1	165.9
1/12/2022	20	60	9.0		152		0		17		100		2			12		309		166.2	
1/12/2022	21	60	9.2		169		0		17		100		2			13		310		165.9	
1/12/2022	22	60	9.1		171		0		14		100		2			13		310		165.7	
1/12/2022	23	60	9.0		177		0		22		100		3	2		13	13	310	310	166.1	166.0

Average:  
Geometric Mean Average:

Limit:

170
≤ 205 24-HR Block Avg.

0
≤ 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

- I - Invalid
- B - Bad
- C - Calibration
- M - Maintenance
- F - Offline
- P - Purge
- T - Out of Control
- E - Excluded
- ^ - Startup
- \* - Shutdown

# OPACITY REPORT

Date 12-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	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.2	1.3
2	1.3	1.3	1.2	1.3	1.2	1.3	1.3	1.2	1.2	1.2	1.3
3	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.3
4	1.3	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3
5	1.3	1.2	1.2	1.2	1.3	1.2	1.2	1.3	1.2	1.3	1.2
6	1.8 IC	6.4 IC	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.9
7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.4
9	1.3	1.3	1.3	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4
10	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
11	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.4	1.3
12	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
13	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	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	1.2	1.3
15	1.2	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.3
16	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.3	1.2	1.2
17	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2
18	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2
19	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2
20	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2
21	1.2	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	1.2	1.2	1.2	1.2	1.2	1.2
23	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2

# OPACITY REPORT

Date 12-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	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6
2	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.5	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	1.7	1.6
5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
6	2.0 IBC	5.7 IBC	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.6	2.1
7	1.7	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
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	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
11	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
12	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.7
13	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.6
14	1.6	1.7	1.6	1.7	1.6	1.7	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	1.6	1.6	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	1.6	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	1.6	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