



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-05-10

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.089 to 5.458	2943 SE	3061 WSW	2996 NW	2997 NE	Min : 66.92 Max : 98.06	Min : 46.00 Max : 90.60	Min : 29.88 Max : 30.16

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m ³	PM2.5 : 35 µg/m ³	H2S : 10 PPM			
AQ-SN	Avg. PM10 Daily (µg/m ³)	Max. PM10-15-min Avg (µg/m ³)	Avg. PM2.5 Daily (µg/m ³)	Max. PM2.5-15-min Avg (µg/m ³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	22.1	124.5	10.6	90.0	0.005	0.032
2996	20.3	136.8	10.9	100.5	0.002	0.015
2997	24.5	88.7	10.1	61.8	0.003	0.036
3061	21.6	89.4	9.9	59.9	0.001	0.005



Figure 1 : Monitoring Locations

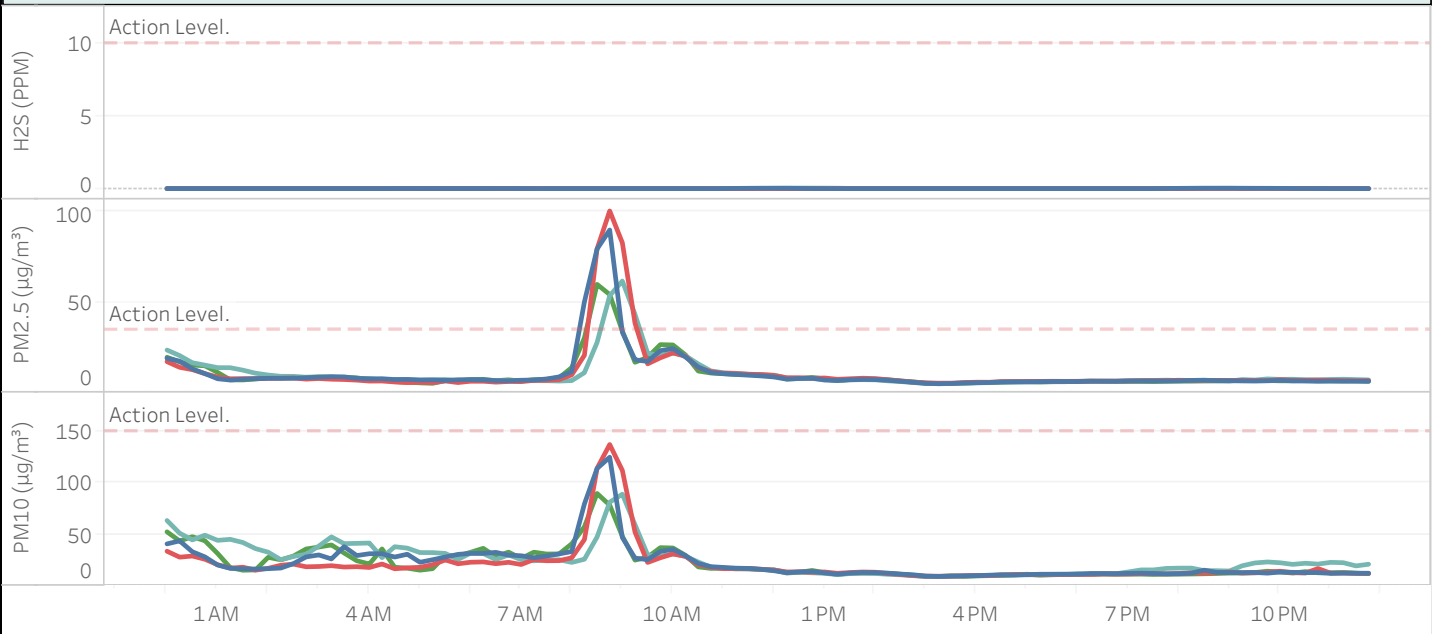


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

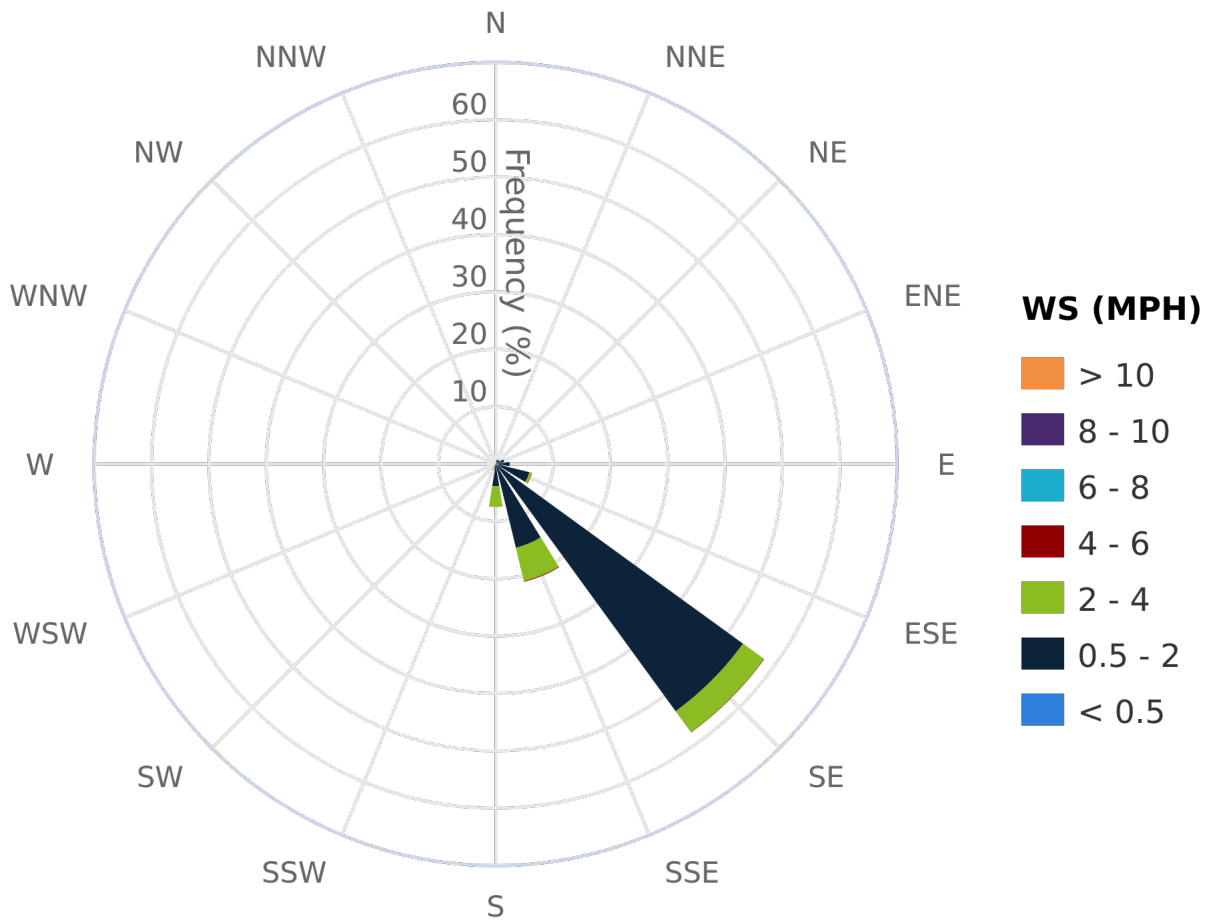


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

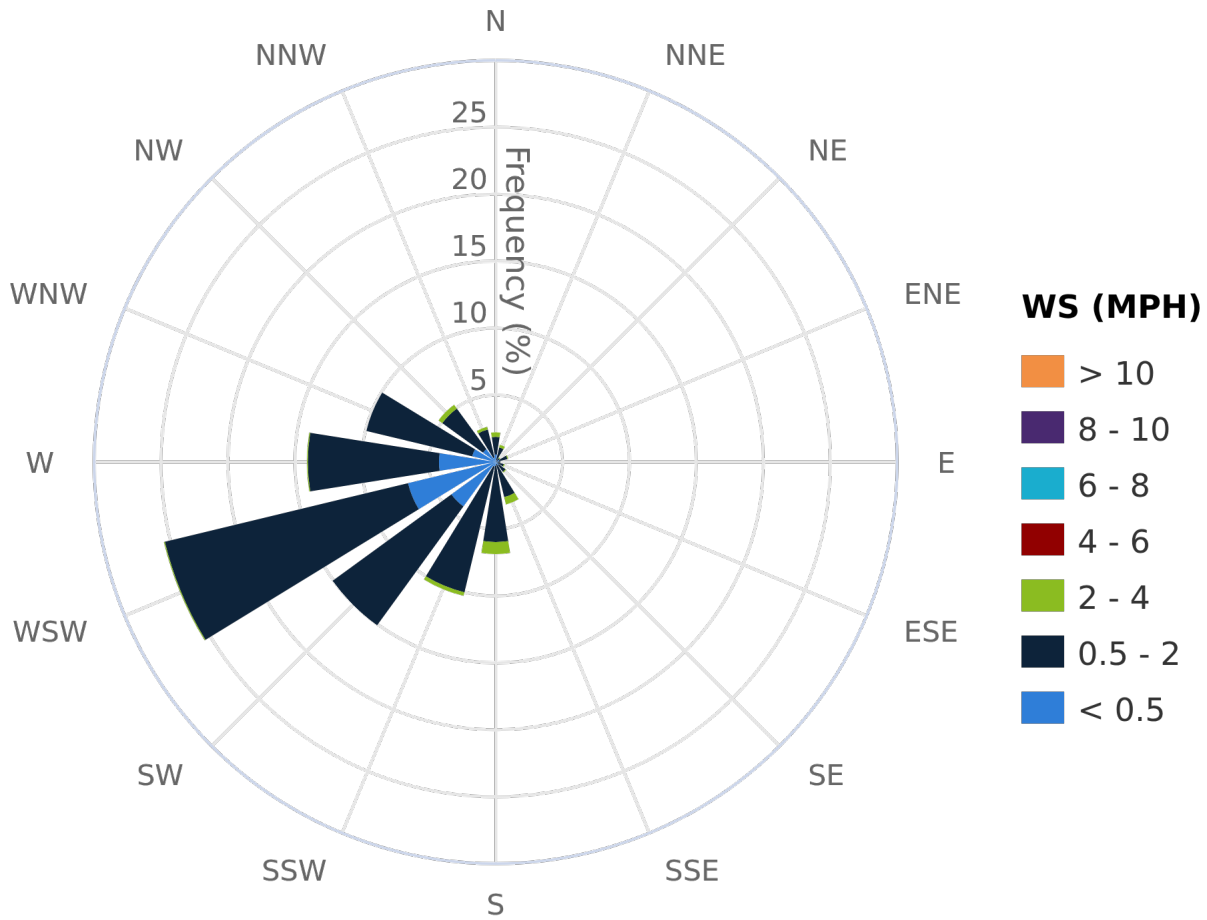


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

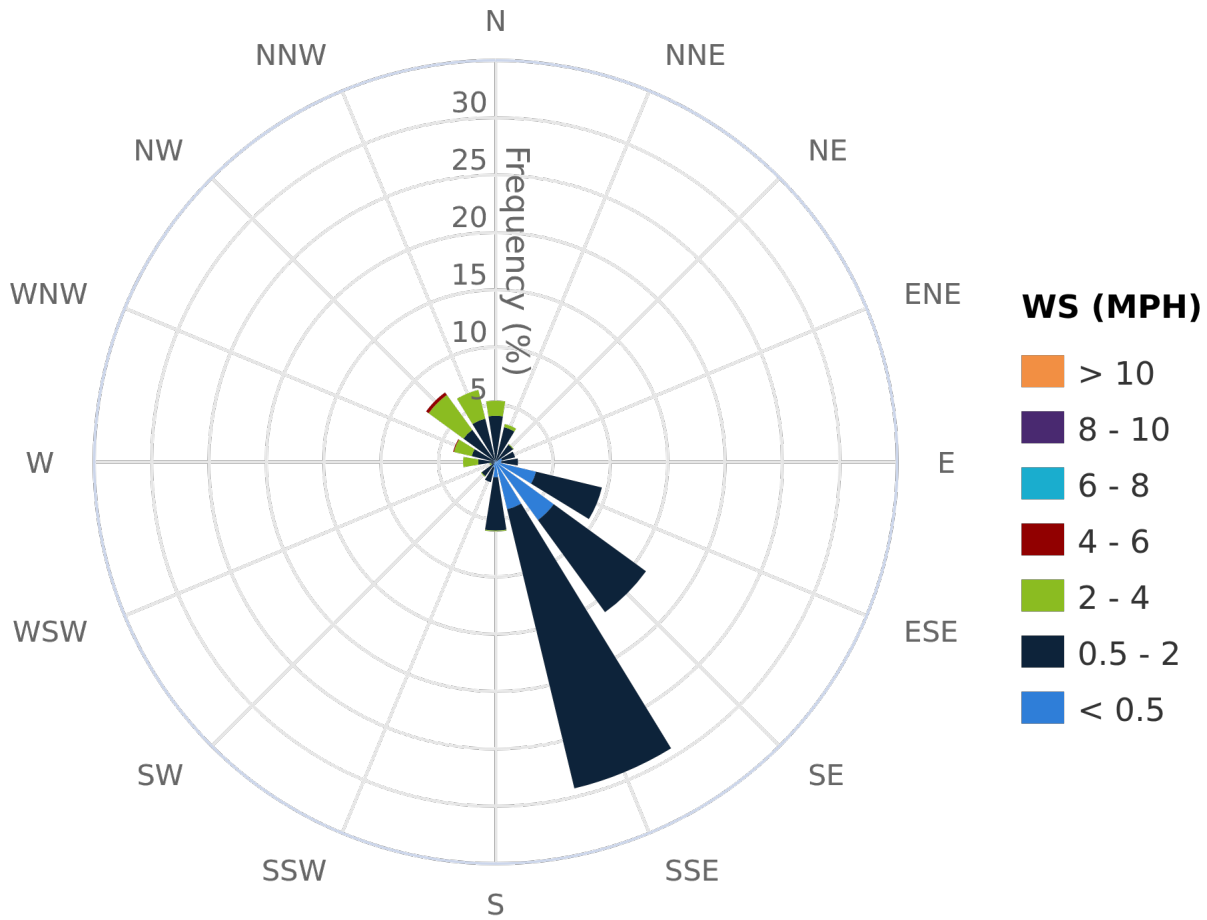


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

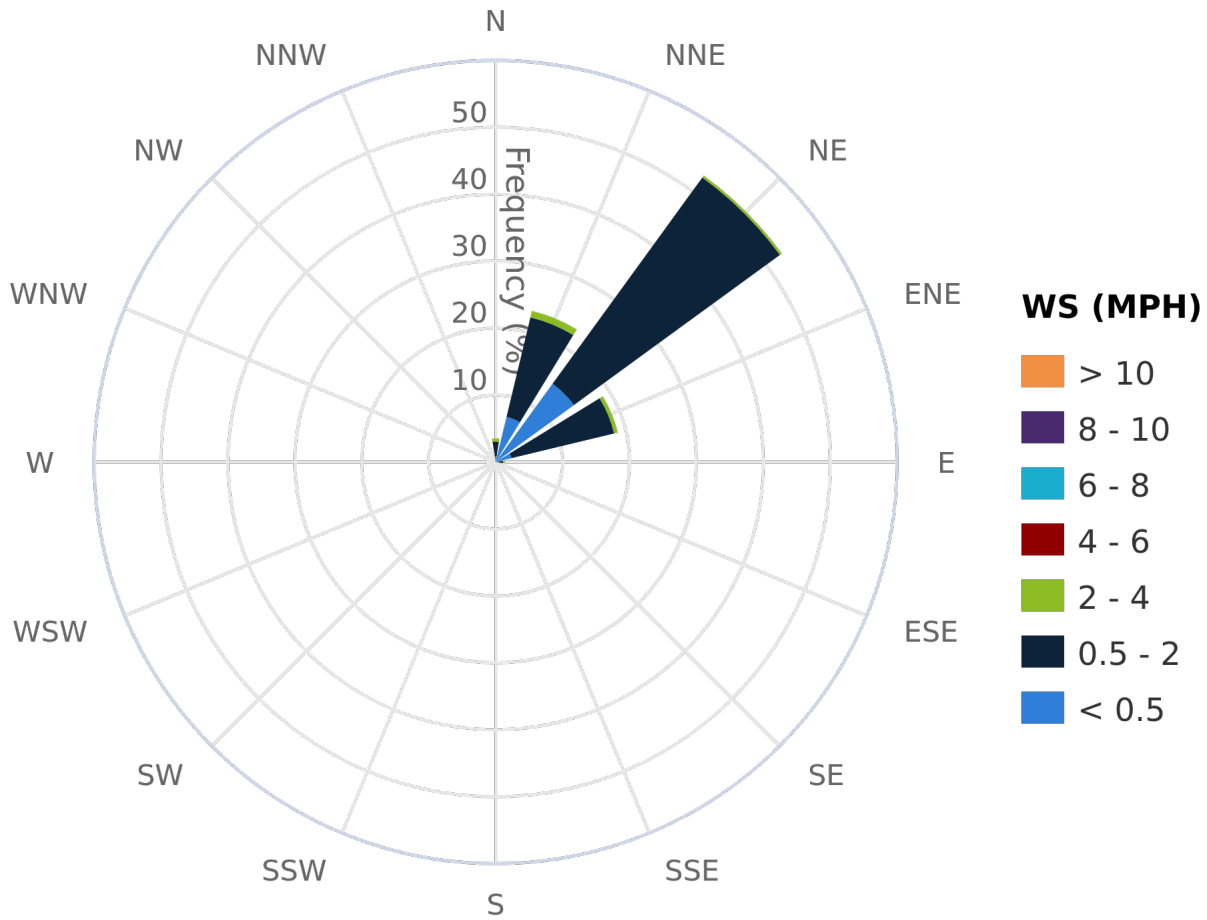


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	40.6	52.2	63.2	33.5	19.0	19.6	17.1	23.6	0.000	0.000	0.000	0.000
00:15:00	43.5	43.3	50.9	27.7	17.4	17.0	14.0	20.5	0.000	0.000	0.000	0.000
00:30:00	33.0	47.5	44.4	28.8	13.1	15.3	12.7	16.6	0.000	0.000	0.000	0.000
00:45:00	28.0	43.6	49.0	25.7	10.5	14.9	10.5	15.2	0.000	0.000	0.000	0.000
01:00:00	20.1	31.3	44.0	20.4	7.7	11.2	8.6	13.8	0.000	0.000	0.000	0.001
01:15:00	16.9	17.6	45.0	17.1	7.0	7.1	7.7	13.8	0.000	0.000	0.000	0.002
01:30:00	16.5	15.1	41.9	18.0	7.4	7.0	7.8	12.4	0.000	0.000	0.000	0.000
01:45:00	16.2	15.3	36.0	15.1	7.7	7.5	7.7	10.8	0.000	0.000	0.000	0.000
02:00:00	16.5	27.6	32.5	16.9	7.9	8.2	7.9	9.8	0.000	0.000	0.000	0.000
02:15:00	17.2	25.1	25.2	19.9	7.9	8.2	8.0	9.0	0.000	0.000	0.000	0.000
02:30:00	21.5	28.8	28.4	21.0	8.0	8.5	8.1	9.0	0.000	0.000	0.000	0.000
02:45:00	27.9	35.6	30.5	18.4	8.3	8.5	7.5	8.4	0.000	0.000	0.000	0.000
03:00:00	29.9	37.5	38.5	18.7	8.6	8.7	7.8	8.5	0.000	0.000	0.000	0.000
03:15:00	26.0	39.6	47.3	19.4	8.9	8.5	7.4	8.6	0.000	0.000	0.000	0.000
03:30:00	37.9	31.7	40.8	18.1	8.7	8.4	7.3	8.3	0.000	0.000	0.000	0.000
03:45:00	29.2	24.2	41.1	18.5	7.9	8.2	6.9	7.9	0.000	0.000	0.000	0.000
04:00:00	31.0	21.1	41.4	17.7	7.7	7.1	6.4	7.8	0.000	0.000	0.000	0.000
04:15:00	31.0	35.7	27.2	21.1	7.7	7.4	6.4	7.0	0.001	0.000	0.000	0.001
04:30:00	27.8	17.9	37.8	16.5	7.3	6.1	5.9	7.3	0.004	0.000	0.002	0.004
04:45:00	30.5	17.1	36.4	17.4	7.3	5.8	5.5	7.1	0.005	0.000	0.001	0.004
05:00:00	22.8	15.1	32.1	17.9	7.0	5.4	5.7	7.0	0.005	0.000	0.002	0.006
05:15:00	25.2	16.5	32.1	20.4	7.1	5.2	5.6	7.0	0.005	0.000	0.001	0.006
05:30:00	27.8	29.3	31.3	25.0	6.8	6.6	6.5	7.3	0.003	0.000	0.002	0.005
05:45:00	30.4	28.8	25.5	21.3	7.1	6.5	5.6	6.6	0.003	0.001	0.001	0.004
06:00:00	31.4	32.4	31.6	22.8	7.2	7.2	6.3	6.6	0.003	0.000	0.003	0.005
06:15:00	31.4	36.3	31.3	23.1	7.1	7.4	6.3	6.6	0.004	0.000	0.002	0.001
06:30:00	32.3	28.1	25.3	21.4	6.7	6.6	5.8	6.7	0.006	0.001	0.001	0.003
06:45:00	29.7	32.6	29.9	22.7	6.6	7.1	6.2	6.6	0.006	0.000	0.001	0.004
07:00:00	29.1	26.5	25.3	20.6	6.9	6.4	6.1	6.6	0.003	0.000	0.002	0.001
07:15:00	27.2	32.5	24.2	25.4	7.0	7.2	6.8	6.6	0.000	0.000	0.000	0.001
07:30:00	28.7	30.8	24.9	24.2	7.5	7.4	6.8	6.6	0.000	0.000	0.000	0.000
07:45:00	30.8	30.9	25.2	24.3	8.7	8.3	7.2	6.4	0.000	0.000	0.000	0.000
08:00:00	33.2	40.6	22.7	27.1	11.7	13.9	9.9	6.7	0.000	0.000	0.000	0.000
08:15:00	79.2	57.1	25.7	44.8	50.2	30.3	20.7	11.0	0.000	0.000	0.000	0.000
08:30:00	113.6	89.4	47.2	113.7	79.5	59.9	79.5	27.8	0.000	0.000	0.000	0.000
08:45:00	124.5	78.1	80.9	136.8	90.0	54.3	100.5	53.6	0.000	0.000	0.000	0.000
09:00:00	46.7	47.9	88.7	111.7	33.4	34.1	82.9	61.8	0.000	0.000	0.000	0.000
09:15:00	26.8	24.8	59.1	52.0	18.2	16.8	38.5	43.3	0.000	0.000	0.000	0.000
09:30:00	25.3	27.7	29.9	22.6	17.3	19.6	15.9	21.8	0.000	0.000	0.000	0.000
09:45:00	33.2	36.9	28.7	27.1	23.2	26.6	19.3	20.7	0.000	0.000	0.000	0.000
10:00:00	35.3	36.6	30.9	30.9	24.4	26.4	22.0	22.0	0.000	0.000	0.000	0.000
10:15:00	29.1	29.4	28.5	28.4	19.6	20.8	20.1	20.4	0.000	0.000	0.000	0.000
10:30:00	21.6	18.3	23.0	20.3	14.2	11.9	13.8	15.9	0.000	0.000	0.000	0.000
10:45:00	18.5	16.8	18.1	17.9	11.1	10.9	11.7	12.0	0.000	0.001	0.000	0.000
11:00:00	17.8	17.0	17.0	16.6	10.4	10.5	10.7	11.0	0.005	0.001	0.000	0.000
11:15:00	17.1	16.3	16.7	16.8	10.0	10.1	10.6	10.7	0.016	0.001	0.000	0.002
11:30:00	16.8	16.6	16.1	16.6	9.6	10.0	10.2	10.1	0.023	0.001	0.000	0.013
11:45:00	16.0	15.6	15.8	16.0	9.2	9.6	10.0	9.9	0.028	0.001	0.003	0.013



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Date : 2026-05-10

Table 3 : 15 Minute Average Concentrations (PM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	14.5	15.3	15.4	15.2	8.6	9.3	9.5	9.7	0.028	0.001	0.005	0.022
12:15:00	12.6	12.4	13.0	13.4	7.5	7.5	8.2	8.1	0.025	0.000	0.005	0.032
12:30:00	13.5	13.0	13.0	13.5	7.8	7.8	8.3	7.9	0.014	0.000	0.005	0.036
12:45:00	13.9	14.8	12.6	13.1	8.0	8.4	8.0	7.8	0.004	0.000	0.003	0.034
13:00:00	12.4	12.7	12.0	13.3	7.0	7.6	8.1	7.4	0.000	0.000	0.001	0.033
13:15:00	11.2	11.1	10.8	12.1	6.7	6.8	7.4	6.6	0.000	0.000	0.000	0.028
13:30:00	12.3	12.2	11.8	12.8	7.1	7.3	7.7	7.1	0.000	0.000	0.000	0.015
13:45:00	12.9	12.3	12.2	13.3	7.3	7.3	8.0	7.2	0.000	0.000	0.000	0.002
14:00:00	12.7	12.3	11.9	13.1	7.2	7.3	7.8	7.1	0.000	0.000	0.000	0.000
14:15:00	12.2	12.1	11.1	11.8	6.8	7.1	7.1	6.5	0.000	0.000	0.000	0.000
14:30:00	11.3	11.2	10.6	10.9	6.3	6.4	6.5	6.1	0.000	0.000	0.000	0.000
14:45:00	10.6	10.2	9.7	9.9	5.7	6.0	5.8	5.6	0.000	0.000	0.000	0.000
15:00:00	9.4	9.0	9.0	9.4	5.1	5.3	5.4	5.2	0.000	0.000	0.000	0.000
15:15:00	9.0	8.9	8.9	9.3	4.9	5.1	5.3	4.9	0.000	0.000	0.000	0.000
15:30:00	9.3	9.7	9.1	9.4	5.1	5.1	5.3	5.0	0.000	0.000	0.000	0.000
15:45:00	9.7	9.1	9.5	9.6	5.3	5.2	5.6	5.2	0.000	0.000	0.000	0.000
16:00:00	9.8	9.5	9.8	10.0	5.5	5.5	5.8	5.4	0.000	0.000	0.000	0.000
16:15:00	10.3	9.8	9.7	9.9	5.6	5.6	5.7	5.5	0.000	0.000	0.000	0.000
16:30:00	10.7	9.9	10.3	10.5	5.9	5.7	6.1	5.8	0.000	0.000	0.000	0.000
16:45:00	10.4	10.6	10.4	10.9	5.9	6.1	6.1	5.8	0.000	0.000	0.000	0.000
17:00:00	10.8	11.2	10.6	10.8	6.0	6.1	6.1	5.9	0.000	0.000	0.000	0.000
17:15:00	11.2	10.2	10.7	10.9	6.1	5.9	6.2	6.0	0.000	0.000	0.000	0.000
17:30:00	11.2	10.6	10.8	11.0	6.2	6.0	6.3	6.1	0.000	0.000	0.000	0.000
17:45:00	11.3	10.9	10.9	10.9	6.2	6.0	6.2	6.1	0.000	0.000	0.000	0.000
18:00:00	11.3	11.0	11.6	11.1	6.1	6.2	6.3	6.2	0.000	0.000	0.000	0.000
18:15:00	11.9	11.0	11.1	11.1	6.4	6.3	6.4	6.2	0.000	0.000	0.000	0.000
18:30:00	11.8	11.3	11.9	11.4	6.3	6.2	6.4	6.2	0.000	0.000	0.000	0.000
18:45:00	11.8	11.1	11.6	11.3	6.3	6.1	6.4	6.2	0.000	0.000	0.000	0.000
19:00:00	12.0	11.3	13.4	11.4	6.5	6.2	6.4	6.6	0.000	0.001	0.000	0.003
19:15:00	12.2	11.3	15.3	11.7	6.4	6.2	6.6	6.8	0.000	0.002	0.000	0.003
19:30:00	11.9	10.9	15.4	11.9	6.5	6.1	6.6	6.8	0.001	0.003	0.000	0.006
19:45:00	11.6	11.1	16.8	11.5	6.4	6.3	6.7	6.9	0.010	0.004	0.000	0.004
20:00:00	11.7	11.2	17.1	11.9	6.5	6.3	6.9	6.7	0.018	0.005	0.001	0.000
20:15:00	12.3	11.4	17.1	12.6	6.8	6.3	6.7	6.6	0.024	0.005	0.007	0.000
20:30:00	15.1	11.6	14.6	12.2	6.9	6.5	6.7	6.5	0.030	0.005	0.009	0.000
20:45:00	13.0	11.9	14.6	12.5	6.6	6.5	6.8	6.6	0.030	0.004	0.010	0.000
21:00:00	12.8	12.3	14.3	13.4	6.6	6.6	6.8	6.4	0.032	0.004	0.015	0.000
21:15:00	12.8	12.3	19.3	12.3	6.5	6.7	6.8	7.2	0.026	0.003	0.013	0.000
21:30:00	12.9	12.8	22.1	12.5	6.4	6.6	6.7	7.0	0.022	0.003	0.012	0.000
21:45:00	12.2	14.1	23.1	13.2	6.5	6.7	6.7	7.6	0.021	0.002	0.013	0.000
22:00:00	13.3	13.3	22.3	14.1	6.8	6.5	7.2	7.3	0.017	0.002	0.010	0.000
22:15:00	13.0	12.3	20.7	12.7	6.5	6.5	6.8	7.4	0.010	0.001	0.008	0.000
22:30:00	12.7	13.7	21.8	12.3	6.4	6.7	6.9	7.1	0.008	0.001	0.006	0.000
22:45:00	12.8	12.6	21.0	16.7	6.3	6.6	7.0	7.1	0.002	0.001	0.006	0.000
23:00:00	12.0	12.6	22.7	12.2	6.4	6.5	6.8	7.3	0.000	0.001	0.005	0.000
23:15:00	12.2	12.8	22.3	12.3	6.3	6.5	6.7	7.4	0.000	0.000	0.004	0.000
23:30:00	12.1	12.3	19.2	12.0	6.3	6.5	6.6	7.2	0.000	0.000	0.003	0.000
23:45:00	12.1	11.7	20.9	12.0	6.3	6.3	6.7	7.0	0.000	0.000	0.002	0.000



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Table 4 : Summary of Exceedances (greater than Action Level) -

Minute of 15-min intv	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
08:15:00					50.2							
08:30:00					79.5	59.9	79.5					
08:45:00					90.0	54.3	100.5	53.6				
09:00:00							82.9	61.8				
09:15:00							38.5	43.3				