



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-02-10

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.089 to 4.765	2943 ENE	3277 SSW	2996 WSW	2997 WSW	Min : 33.98 Max : 88.52	Min : 22.50 Max : 80.90	Min : 29.91 Max : 30.45

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	16.8	136.7	8.5	34.8	0.003	0.025
2996	16.7	71.1	8.4	21.7	0.024	0.078
2997	15.8	43.8	9.3	22.1	0.001	0.019
3277	14.2	46.7	10.8	38.6	0.004	0.028



Figure 1 : Monitoring Locations

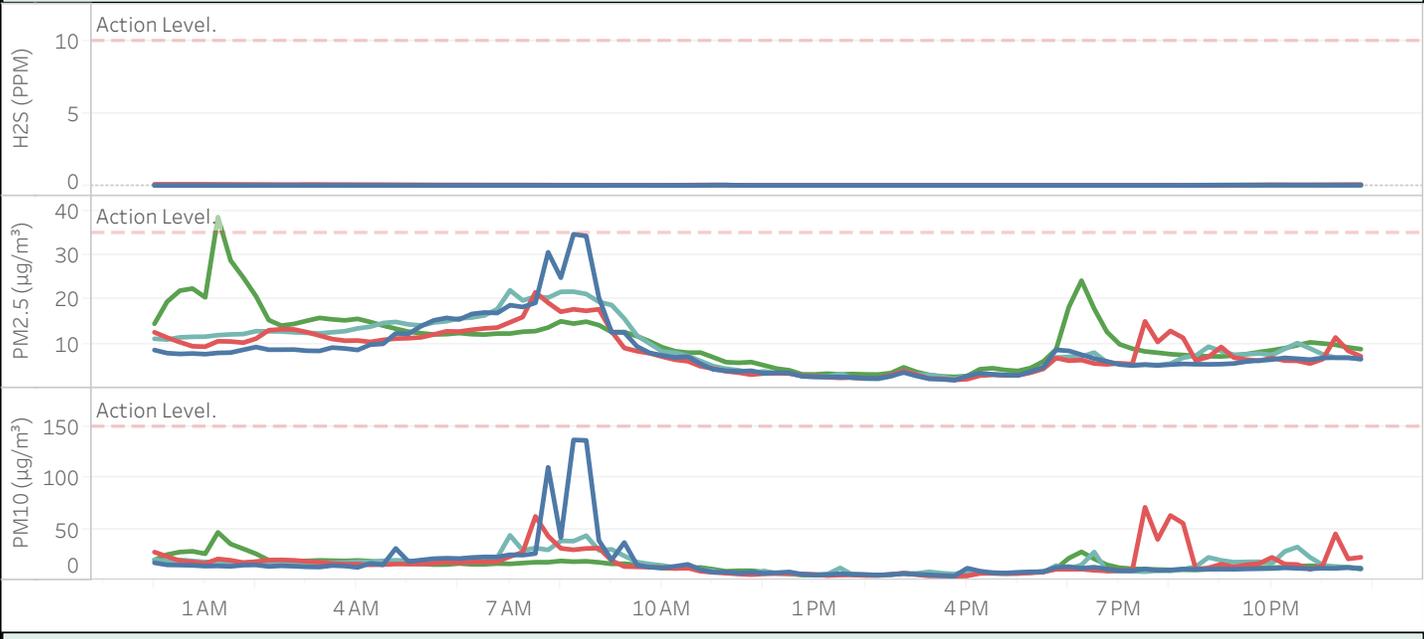


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3277



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Wind Rose Chart 2943

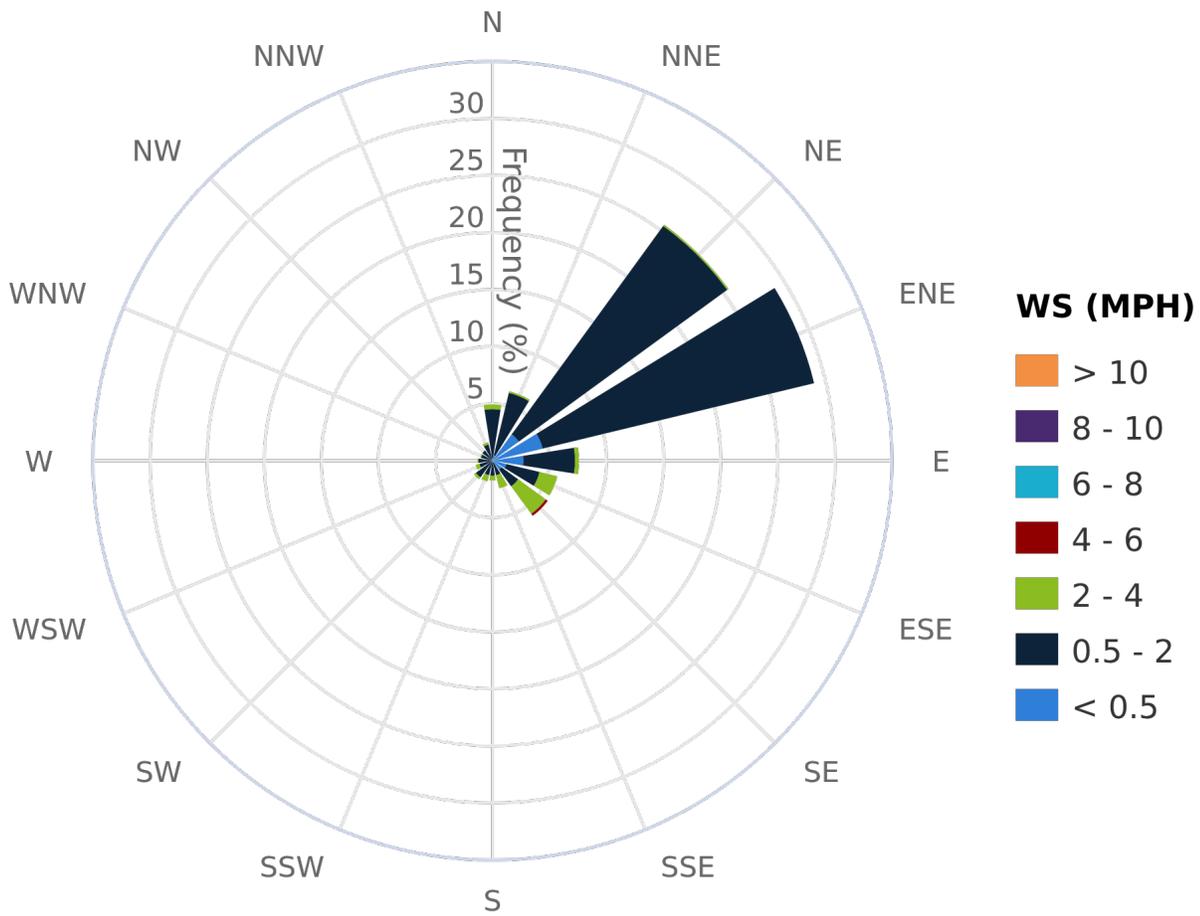


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

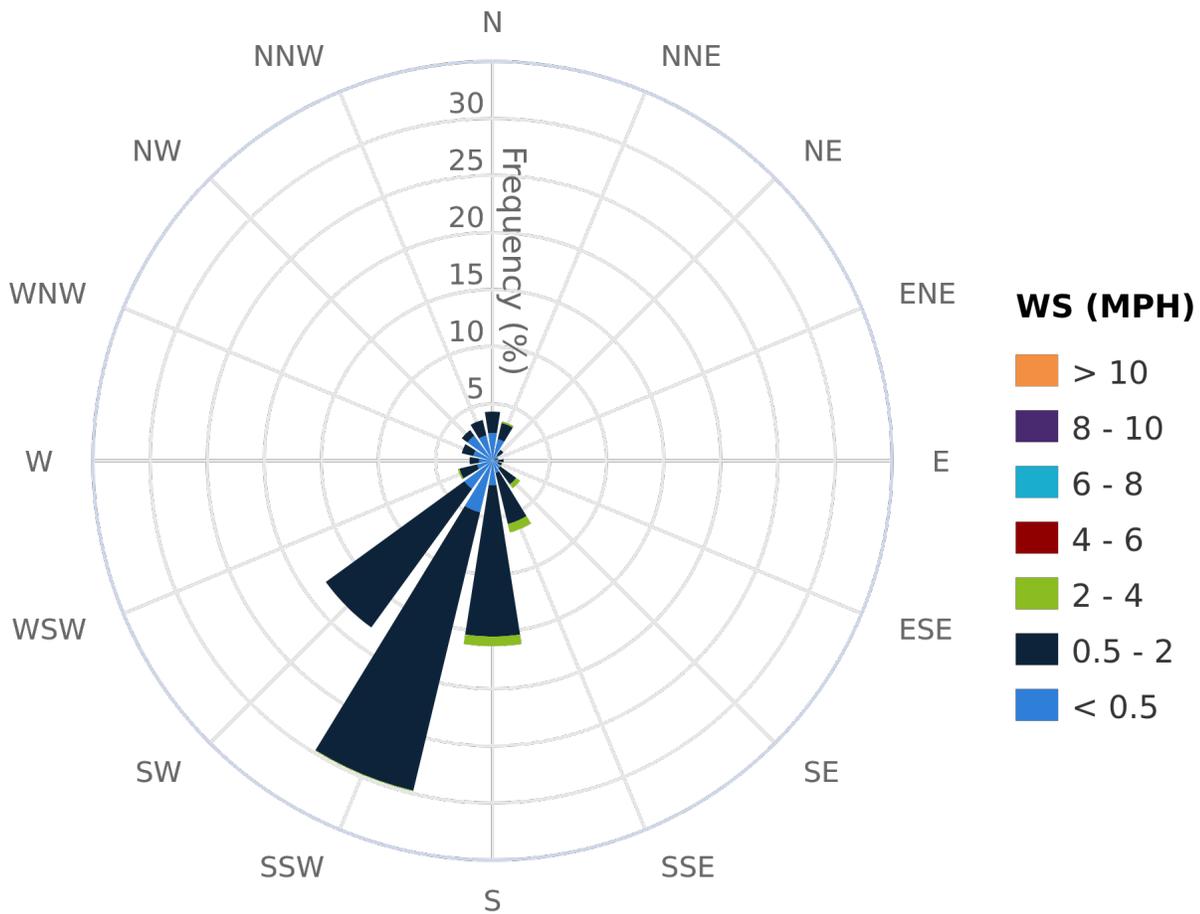


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

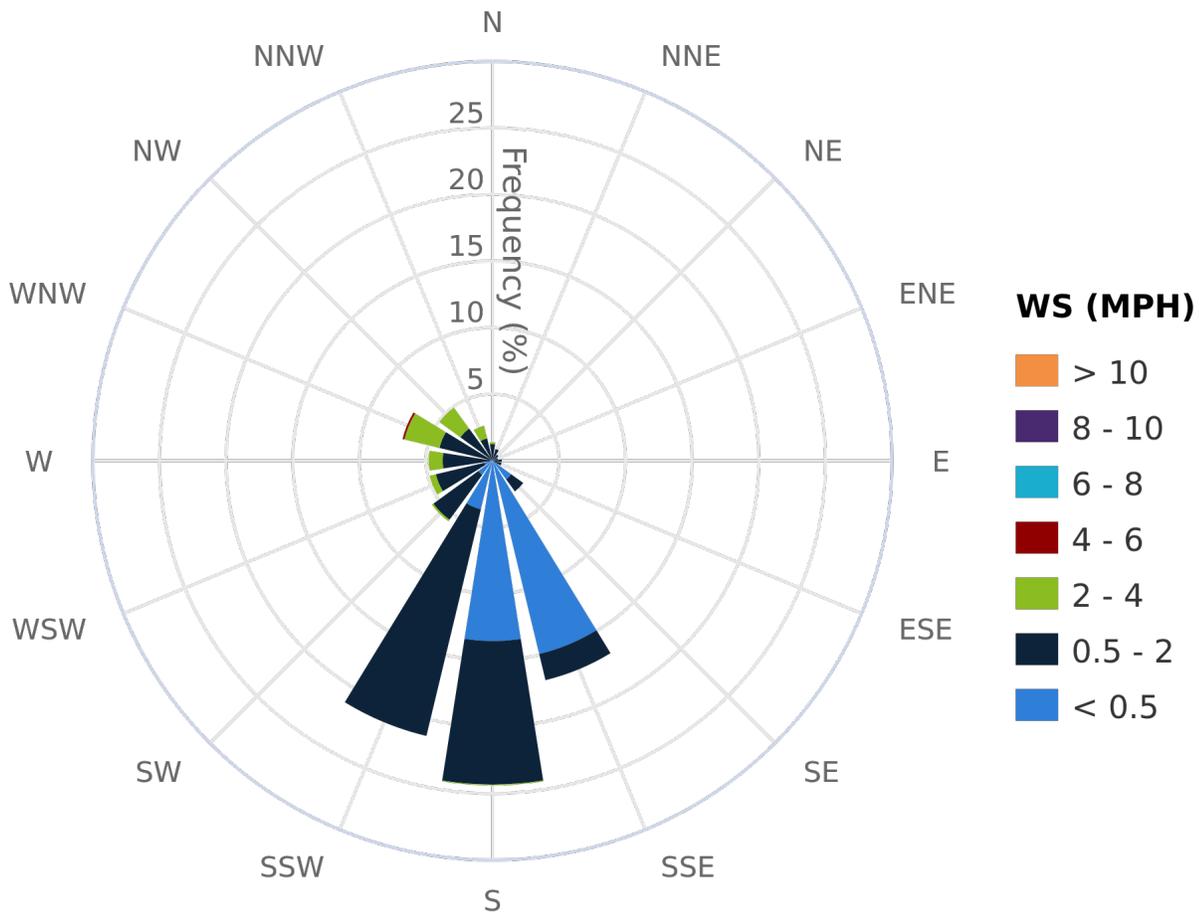


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

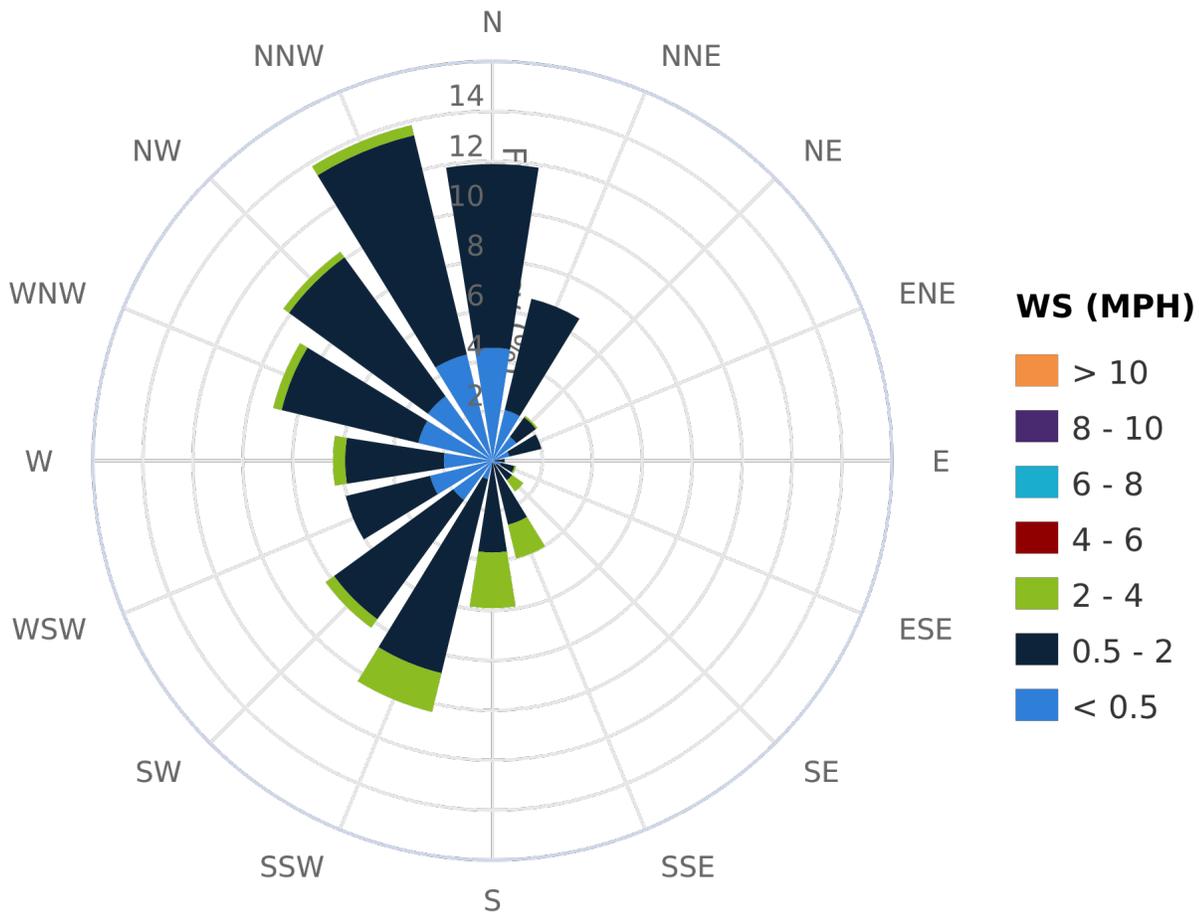


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	17.0	19.7	20.0	27.5	8.6	14.5	12.6	11.2	0.000	0.009	0.076	0.000
00:15:00	15.0	25.0	18.6	23.2	7.9	19.5	11.4	11.0	0.000	0.007	0.076	0.000
00:30:00	14.8	27.5	19.9	19.0	7.7	22.0	10.4	11.5	0.000	0.005	0.077	0.000
00:45:00	14.5	28.3	18.8	17.9	7.8	22.5	9.5	11.6	0.000	0.005	0.078	0.000
01:00:00	13.8	25.8	17.8	16.4	7.7	20.5	9.4	11.6	0.000	0.000	0.075	0.000
01:15:00	14.0	46.7	17.6	20.8	8.0	38.6	10.6	12.0	0.000	0.001	0.072	0.000
01:30:00	13.6	35.4	17.2	19.5	8.0	28.8	10.6	12.2	0.000	0.000	0.069	0.000
01:45:00	14.8	30.7	17.0	17.3	8.7	25.0	10.3	12.2	0.000	0.000	0.065	0.000
02:00:00	15.0	25.8	17.8	18.2	9.3	20.8	11.2	12.9	0.000	0.000	0.063	0.000
02:15:00	13.5	19.6	17.5	19.7	8.7	15.4	13.1	12.9	0.000	0.000	0.061	0.000
02:30:00	14.1	17.9	17.6	19.9	8.7	14.1	13.3	12.8	0.000	0.000	0.056	0.000
02:45:00	13.7	18.3	17.1	19.4	8.7	14.5	13.3	12.6	0.000	0.000	0.055	0.000
03:00:00	13.1	18.9	16.8	18.4	8.5	15.2	12.7	12.5	0.000	0.000	0.064	0.000
03:15:00	12.9	19.4	17.0	17.5	8.4	15.9	11.9	12.4	0.000	0.000	0.061	0.000
03:30:00	14.4	19.1	17.2	16.4	9.2	15.5	11.1	12.6	0.000	0.000	0.057	0.000
03:45:00	13.9	18.9	17.3	15.8	9.0	15.3	10.7	12.9	0.000	0.000	0.057	0.000
04:00:00	12.6	19.4	18.1	15.7	8.6	15.7	10.8	13.5	0.000	0.000	0.052	0.000
04:15:00	16.5	18.6	18.1	15.1	9.8	15.0	10.4	13.9	0.000	0.000	0.051	0.000
04:30:00	15.1	17.6	19.0	15.4	10.0	14.1	10.9	14.7	0.000	0.000	0.050	0.000
04:45:00	31.0	17.0	19.5	15.8	12.4	13.4	11.2	15.0	0.000	0.000	0.046	0.000
05:00:00	18.3	16.2	19.0	15.8	12.3	12.8	11.3	14.4	0.000	0.000	0.041	0.000
05:15:00	19.7	16.0	18.5	15.9	14.0	12.4	11.5	14.2	0.000	0.000	0.037	0.000
05:30:00	21.1	15.3	19.3	16.5	15.3	12.1	12.1	14.8	0.000	0.000	0.034	0.000
05:45:00	21.5	15.4	19.3	17.6	15.9	12.2	12.8	15.1	0.000	0.000	0.033	0.000
06:00:00	21.2	16.4	19.9	17.1	15.5	12.5	12.8	15.8	0.000	0.000	0.032	0.000
06:15:00	22.2	15.5	20.3	17.8	16.8	12.2	13.2	16.0	0.000	0.000	0.032	0.000
06:30:00	22.8	15.6	20.6	18.0	17.1	12.1	13.5	16.4	0.000	0.000	0.030	0.000
06:45:00	22.7	16.3	22.3	18.1	17.0	12.3	13.7	17.9	0.000	0.000	0.029	0.000
07:00:00	24.9	16.0	43.8	23.2	18.8	12.4	14.9	22.1	0.000	0.000	0.028	0.000
07:15:00	24.5	16.8	29.1	27.3	18.3	12.8	16.1	19.8	0.000	0.000	0.027	0.000
07:30:00	26.1	17.6	31.5	62.2	19.3	12.9	21.7	20.7	0.000	0.000	0.025	0.000
07:45:00	110.1	17.6	29.6	43.1	30.7	13.7	19.3	20.4	0.000	0.000	0.023	0.000
08:00:00	41.6	18.8	38.4	31.1	24.9	15.1	17.3	21.8	0.000	0.000	0.020	0.000
08:15:00	136.7	18.2	38.1	29.7	34.8	14.6	17.8	21.8	0.000	0.000	0.021	0.000
08:30:00	136.3	18.5	43.5	31.0	34.4	15.0	17.5	21.3	0.000	0.000	0.017	0.000
08:45:00	38.7	17.5	29.2	31.3	20.5	14.2	17.8	19.5	0.000	0.000	0.005	0.000
09:00:00	19.8	16.0	30.1	19.2	12.6	12.7	12.8	18.8	0.000	0.000	0.000	0.000
09:15:00	36.8	16.2	23.8	13.4	12.6	12.7	9.1	15.7	0.000	0.000	0.000	0.000
09:30:00	14.9	14.9	17.7	13.1	9.4	11.7	8.4	11.9	0.000	0.000	0.000	0.000
09:45:00	12.7	13.4	15.8	12.8	8.0	10.6	7.9	10.1	0.000	0.000	0.000	0.000
10:00:00	12.1	12.0	14.4	12.3	7.4	9.2	7.1	8.3	0.000	0.000	0.008	0.000
10:15:00	13.6	11.8	12.4	11.5	7.0	8.4	6.4	8.0	0.000	0.000	0.013	0.000
10:30:00	15.5	11.9	12.5	12.0	7.1	8.0	6.1	7.3	0.000	0.012	0.020	0.000
10:45:00	10.5	12.5	10.6	8.8	5.5	8.0	5.0	6.2	0.000	0.014	0.027	0.000
11:00:00	7.9	10.7	9.0	7.7	4.3	7.0	4.4	5.0	0.019	0.001	0.035	0.000
11:15:00	8.1	8.8	7.4	6.9	4.0	5.9	3.8	4.4	0.025	0.000	0.027	0.003
11:30:00	7.0	9.3	6.8	6.1	3.8	5.7	3.5	4.1	0.006	0.000	0.011	0.000
11:45:00	7.8	9.4	6.2	5.5	4.0	5.9	3.1	3.5	0.000	0.000	0.000	0.000



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Table 3 : 15 Minute Average Concentrations (PM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	6.9	8.1	9.1	6.2	3.4	5.2	3.4	3.8	0.000	0.000	0.000	0.000
12:15:00	7.4	7.0	6.6	6.6	3.5	4.4	3.4	3.4	0.000	0.000	0.000	0.000
12:30:00	8.1	6.4	6.5	6.5	3.5	4.1	3.3	3.3	0.000	0.000	0.000	0.000
12:45:00	5.8	5.0	5.7	6.2	2.7	3.1	2.8	2.8	0.000	0.000	0.000	0.000
13:00:00	5.2	5.0	5.3	5.7	2.6	3.1	2.7	2.6	0.000	0.000	0.000	0.000
13:15:00	5.6	5.6	6.0	4.7	2.6	3.3	2.5	2.6	0.000	0.000	0.000	0.000
13:30:00	6.3	5.5	12.0	5.1	2.5	3.1	2.3	3.2	0.000	0.000	0.000	0.000
13:45:00	5.8	6.0	5.2	5.2	2.4	3.2	2.4	2.3	0.000	0.000	0.000	0.000
14:00:00	5.6	5.4	4.7	4.9	2.3	3.1	2.3	2.1	0.000	0.000	0.000	0.000
14:15:00	5.1	5.1	4.6	4.9	2.2	3.1	2.3	2.1	0.000	0.000	0.000	0.000
14:30:00	5.7	5.4	5.3	5.8	2.8	3.4	3.0	2.7	0.000	0.000	0.000	0.000
14:45:00	6.5	6.8	6.7	6.9	3.6	4.7	3.9	3.9	0.000	0.000	0.000	0.000
15:00:00	5.9	5.8	6.7	5.5	2.8	3.7	3.1	3.1	0.000	0.000	0.000	0.000
15:15:00	5.3	5.1	8.3	4.3	2.2	3.0	2.2	3.0	0.000	0.000	0.000	0.000
15:30:00	4.6	4.5	6.9	4.4	2.0	2.7	2.2	2.6	0.000	0.000	0.000	0.000
15:45:00	4.2	4.2	6.1	4.2	1.8	2.6	1.9	2.1	0.000	0.000	0.000	0.000
16:00:00	11.8	4.5	8.7	4.4	2.8	2.8	2.1	2.8	0.000	0.000	0.000	0.000
16:15:00	8.9	7.3	7.2	6.7	3.4	4.3	2.9	2.9	0.000	0.000	0.000	0.000
16:30:00	7.3	7.5	6.8	6.8	3.1	4.5	3.1	3.1	0.000	0.000	0.000	0.000
16:45:00	7.0	7.0	6.4	6.6	3.0	4.1	2.9	3.0	0.000	0.000	0.000	0.000
17:00:00	7.8	6.7	6.9	6.7	2.9	3.9	2.9	3.0	0.000	0.000	0.000	0.000
17:15:00	8.3	7.6	7.5	7.3	3.8	4.6	3.5	3.6	0.000	0.000	0.000	0.000
17:30:00	8.5	8.7	7.8	8.1	4.8	6.1	4.4	4.4	0.000	0.000	0.000	0.000
17:45:00	12.6	11.3	14.4	10.8	8.7	8.8	6.8	6.9	0.000	0.000	0.000	0.000
18:00:00	13.3	21.5	11.1	10.8	8.4	18.3	6.2	7.1	0.000	0.000	0.000	0.000
18:15:00	11.7	27.7	15.0	10.8	7.6	24.3	6.4	7.2	0.000	0.000	0.000	0.000
18:30:00	12.8	20.9	27.6	9.7	6.7	18.0	5.6	8.1	0.000	0.000	0.000	0.000
18:45:00	11.0	15.1	8.9	9.1	6.1	12.7	5.4	5.9	0.000	0.000	0.000	0.000
19:00:00	9.5	12.2	8.8	9.7	5.4	9.9	5.6	5.5	0.000	0.000	0.000	0.000
19:15:00	9.4	11.3	8.8	9.6	5.1	8.9	5.5	5.3	0.000	0.000	0.000	0.000
19:30:00	11.0	10.8	8.4	71.1	5.3	8.3	15.1	5.3	0.000	0.001	0.000	0.000
19:45:00	9.6	10.5	9.4	39.8	5.1	8.0	10.4	5.2	0.000	0.009	0.000	0.017
20:00:00	10.0	10.1	9.2	63.1	5.3	7.7	12.9	5.6	0.000	0.013	0.000	0.019
20:15:00	11.0	10.3	10.7	55.5	5.5	7.5	11.4	6.9	0.001	0.017	0.000	0.016
20:30:00	10.6	10.1	13.3	10.9	5.4	7.3	6.2	7.4	0.007	0.018	0.000	0.015
20:45:00	10.8	10.8	22.3	12.1	5.4	7.2	7.1	9.4	0.013	0.023	0.000	0.016
21:00:00	10.9	11.1	19.4	15.7	5.4	7.2	9.3	8.4	0.020	0.025	0.006	0.016
21:15:00	10.7	11.5	17.7	13.0	5.6	7.4	6.9	7.6	0.021	0.028	0.017	0.009
21:30:00	11.1	12.8	17.9	15.1	6.0	7.7	6.5	7.7	0.016	0.027	0.028	0.009
21:45:00	11.3	12.6	18.1	16.4	6.3	8.2	6.2	7.8	0.015	0.026	0.036	0.004
22:00:00	11.5	12.4	16.4	22.4	6.5	8.6	6.8	7.5	0.020	0.023	0.044	0.004
22:15:00	12.2	12.7	28.1	15.7	6.9	9.0	6.2	8.9	0.018	0.026	0.041	0.002
22:30:00	11.7	13.8	32.4	15.4	6.7	9.7	6.2	10.2	0.021	0.022	0.037	0.000
22:45:00	11.2	14.2	22.4	10.7	6.5	10.4	5.6	9.0	0.019	0.022	0.041	0.000
23:00:00	11.8	13.6	14.8	14.5	6.8	10.1	6.6	7.7	0.016	0.023	0.044	0.000
23:15:00	11.6	13.4	12.7	45.2	6.9	9.8	11.5	6.9	0.015	0.022	0.051	0.000
23:30:00	12.4	12.6	12.5	20.8	6.9	9.2	8.4	6.9	0.014	0.019	0.055	0.000
23:45:00	11.1	11.9	11.3	22.4	6.6	8.8	7.2	6.6	0.016	0.021	0.059	0.000



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Date : 2026-02-10

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

Minute of 15-min intv	Avg. 2943 - PM10 ($\mu\text{g}/\text{m}^3$)	Avg. 3277 - PM10 ($\mu\text{g}/\text{m}^3$)	Avg. 2996 - PM10 ($\mu\text{g}/\text{m}^3$)	Avg. 2997 - PM10 ($\mu\text{g}/\text{m}^3$)	Avg. 2943 - PM2.5 ($\mu\text{g}/\text{m}^3$)	Avg. 3277 - PM2.5 ($\mu\text{g}/\text{m}^3$)	Avg. 2996 - PM2.5 ($\mu\text{g}/\text{m}^3$)	Avg. 2997 - PM2.5 ($\mu\text{g}/\text{m}^3$)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
01:15:00						38.6						