



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-02-05

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.201 to 6.509	2943 NE	3277 SW	2996 W	2997 NW	Min : 35.60 Max : 60.08	Min : 36.60 Max : 89.10	Min : 29.91 Max : 30.62

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m³		PM2.5 : 35 µg/m³		H2S : 10 PPM	
AQ-SN	Avg. PM10 Daily (µg/m³)	Max. PM10-15-min Avg (µg/m³)	Avg. PM2.5 Daily (µg/m³)	Max. PM2.5-15-min Avg (µg/m³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	15.8	36.8	12.0	29.5	0.005	0.034
2996	13.9	31.6	11.2	25.8	0.003	0.041
2997	15.9	37.9	12.8	31.2	0.010	0.048
3277	21.7	51.9	18.9	45.8	0.006	0.035

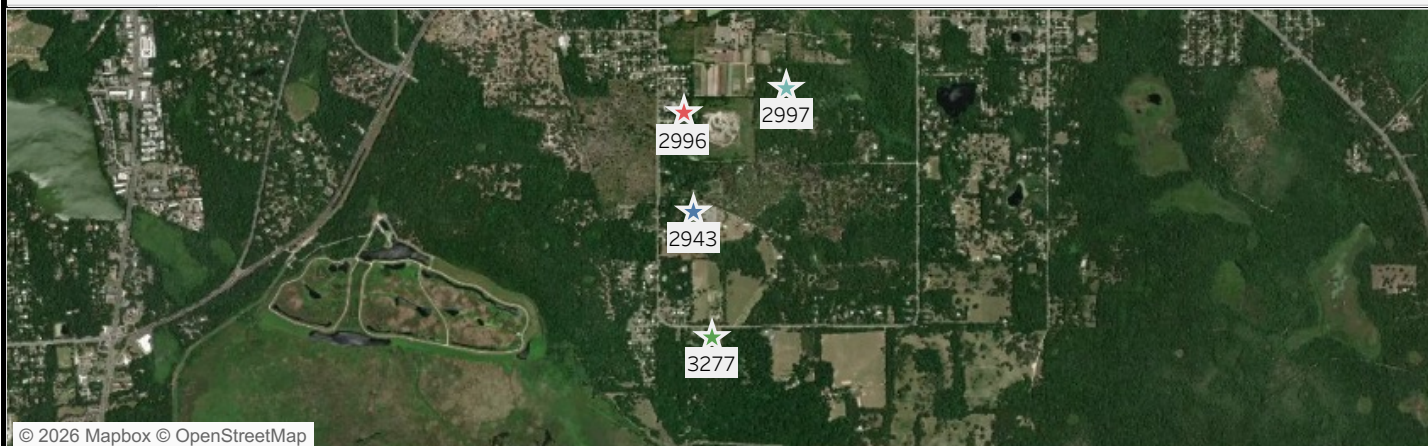
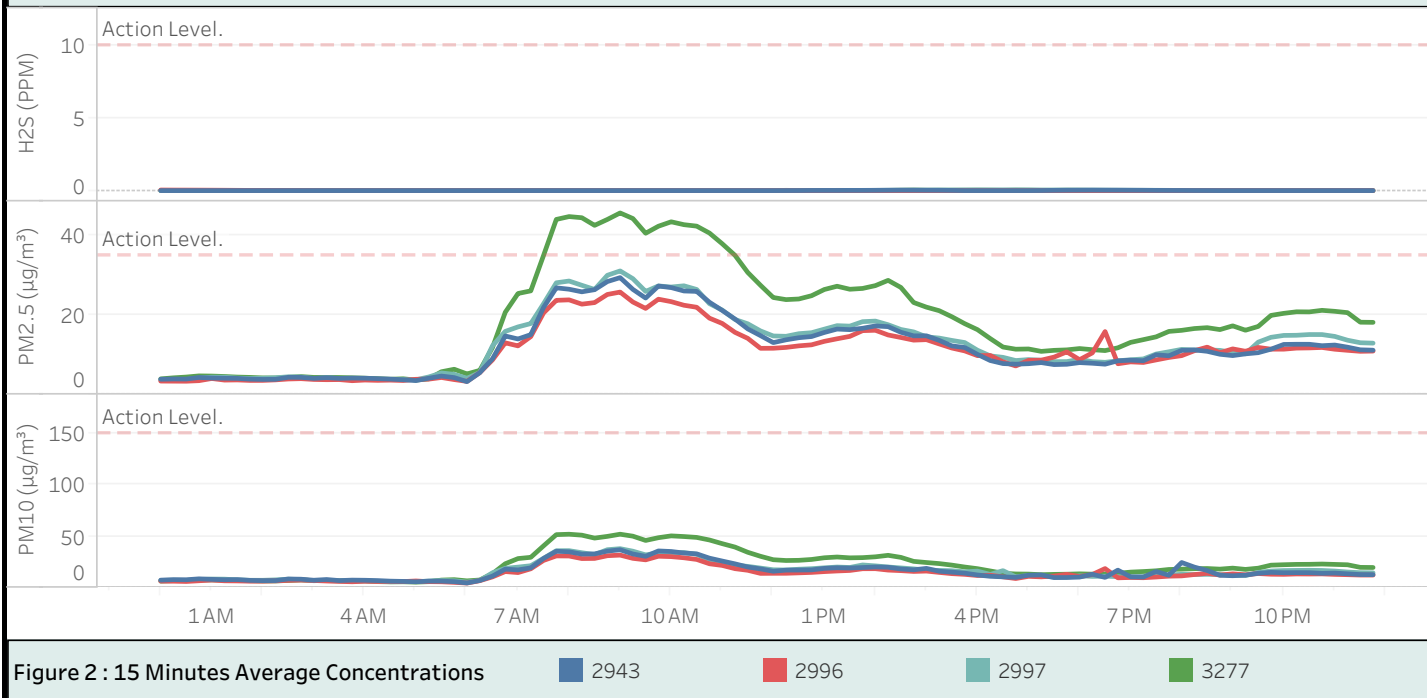


Figure 1 : Monitoring Locations





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Date : 2026-02-05

Wind Rose Chart 2943

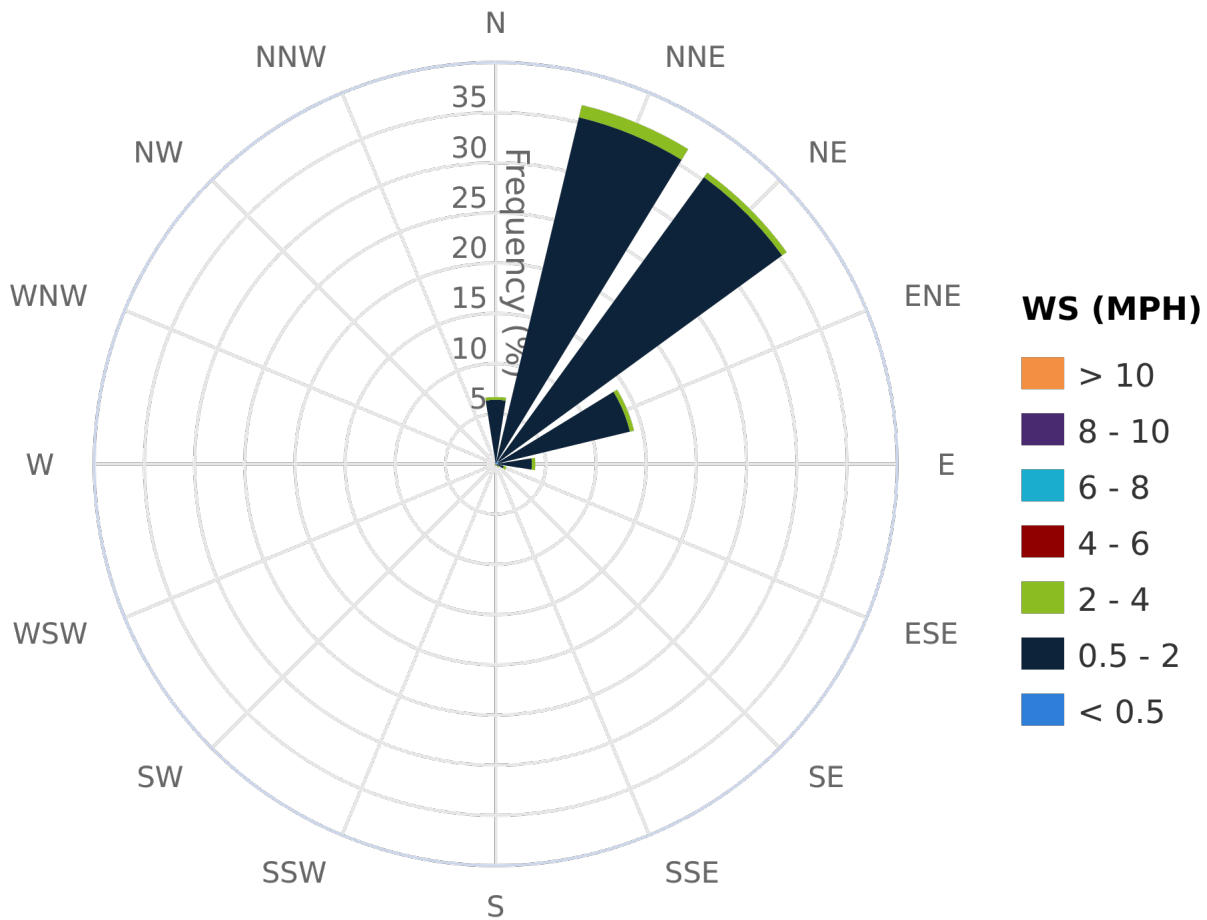


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-02-05

Wind Rose Chart 3277

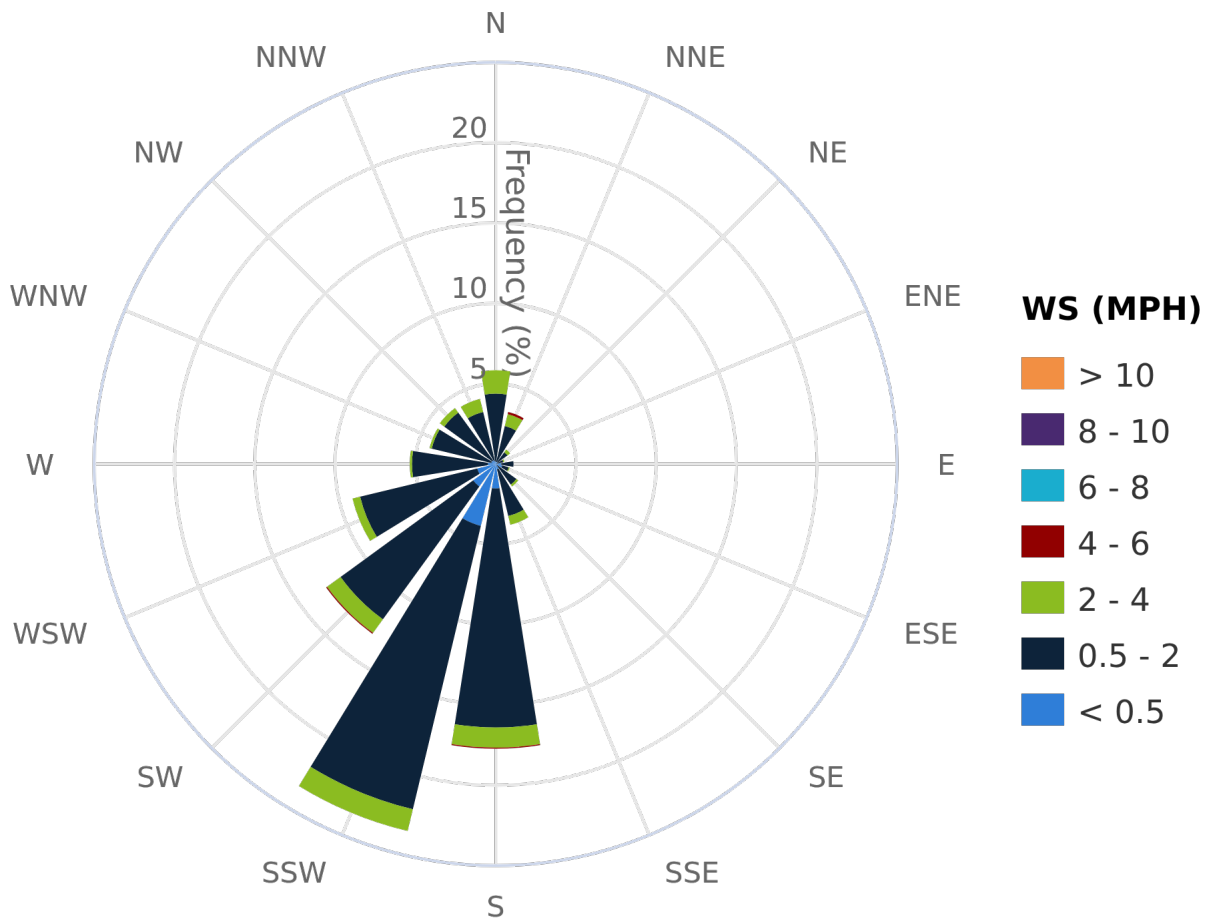


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-02-05

Wind Rose Chart 2996

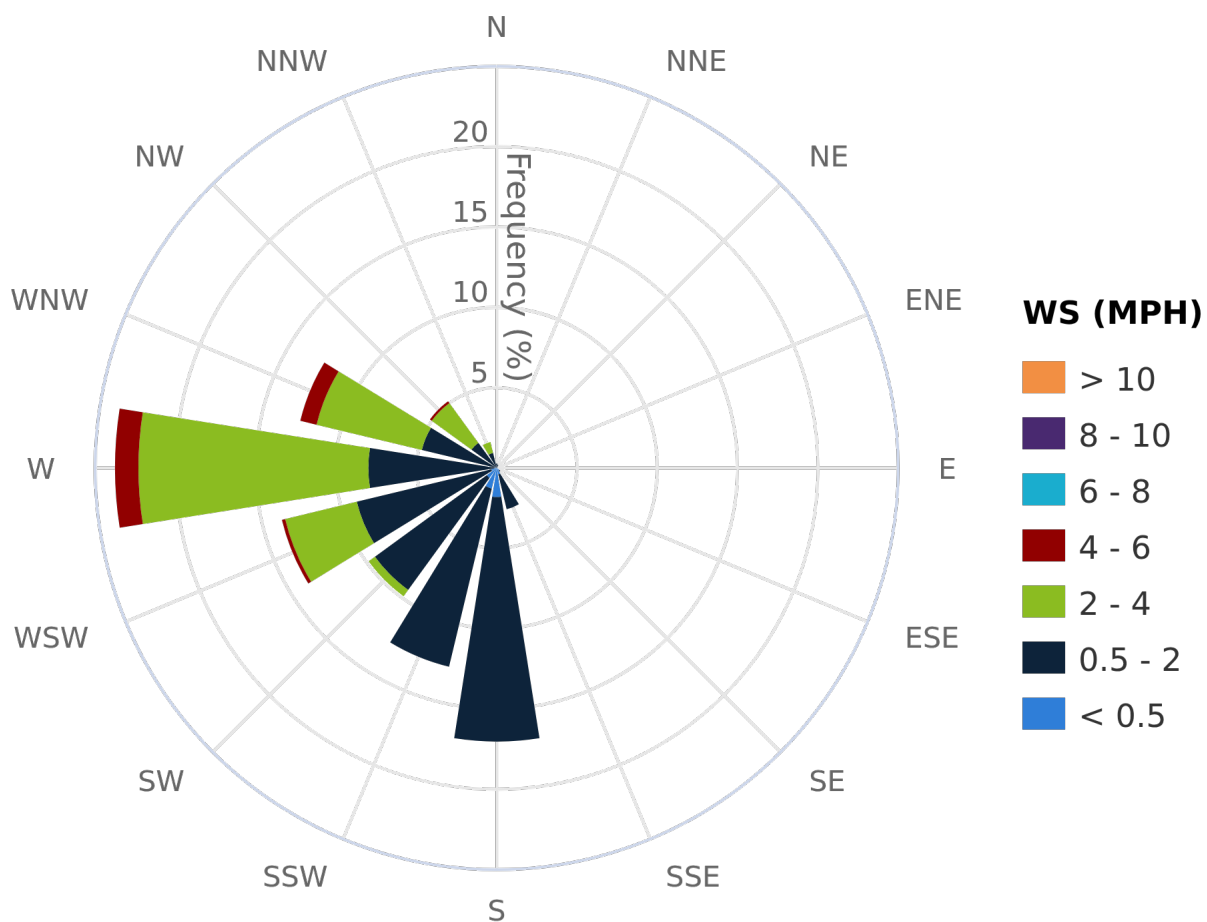


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

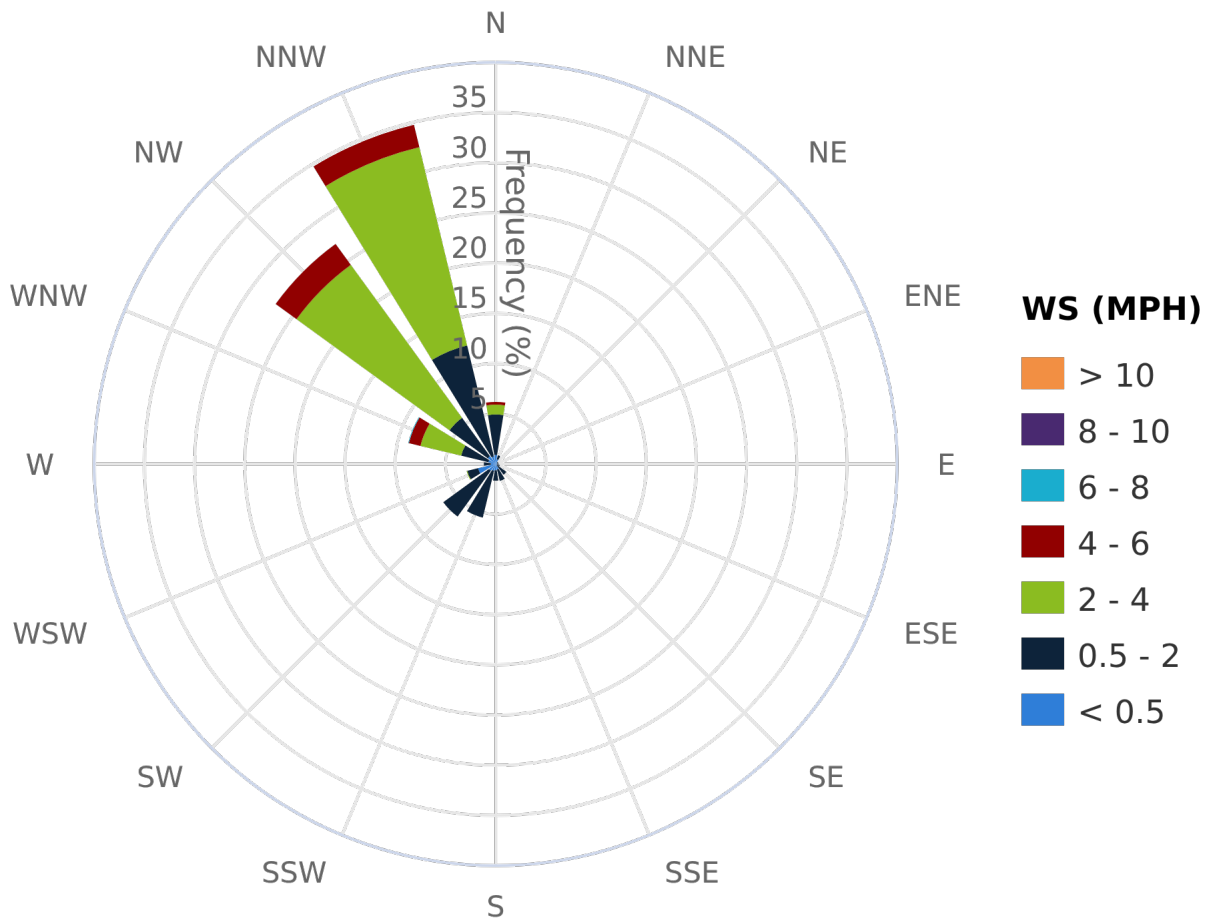


Figure 3 : Wind Rose Chart (WS in MPH)



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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	7.4	6.4	7.1	6.5	3.9	4.0	3.4	3.7	0.000	0.000	0.041	0.000
00:15:00	7.9	6.9	7.4	6.4	3.9	4.2	3.4	3.8	0.000	0.000	0.037	0.000
00:30:00	7.8	7.0	7.2	6.1	3.9	4.4	3.4	3.8	0.000	0.000	0.035	0.000
00:45:00	8.7	7.6	8.0	6.8	4.3	4.7	3.5	4.2	0.000	0.000	0.032	0.000
01:00:00	8.1	7.6	8.5	7.5	4.2	4.7	4.1	4.4	0.000	0.000	0.029	0.000
01:15:00	7.8	7.4	8.4	6.7	4.1	4.6	3.7	4.4	0.000	0.000	0.024	0.000
01:30:00	7.9	7.0	7.7	6.6	4.1	4.4	3.7	4.2	0.000	0.000	0.019	0.000
01:45:00	7.2	6.8	7.3	6.4	3.9	4.3	3.6	4.1	0.000	0.000	0.014	0.000
02:00:00	6.9	6.6	7.3	6.4	3.8	4.2	3.6	4.1	0.000	0.000	0.012	0.000
02:15:00	7.0	6.6	7.7	6.7	3.9	4.2	3.7	4.3	0.000	0.000	0.008	0.000
02:30:00	8.5	7.1	8.3	7.2	4.4	4.4	3.9	4.5	0.000	0.000	0.006	0.000
02:45:00	8.3	7.5	7.9	7.5	4.3	4.6	4.0	4.5	0.000	0.000	0.004	0.000
03:00:00	7.3	7.0	6.8	7.0	4.1	4.3	3.8	4.1	0.000	0.000	0.000	0.000
03:15:00	8.0	6.9	7.2	6.5	4.3	4.3	3.8	4.3	0.000	0.000	0.000	0.000
03:30:00	7.0	6.7	6.7	6.2	4.1	4.3	3.8	4.1	0.000	0.000	0.000	0.000
03:45:00	7.4	6.7	6.6	5.8	4.2	4.2	3.5	4.0	0.000	0.000	0.000	0.000
04:00:00	7.3	6.7	6.7	6.3	4.1	4.2	3.7	4.0	0.000	0.000	0.000	0.000
04:15:00	7.0	5.9	6.2	6.1	4.0	4.0	3.6	3.8	0.000	0.000	0.000	0.000
04:30:00	6.4	5.7	5.9	6.2	3.9	3.9	3.7	3.8	0.000	0.000	0.000	0.000
04:45:00	6.2	5.8	5.9	6.0	3.7	4.0	3.6	3.8	0.000	0.000	0.000	0.000
05:00:00	5.8	5.5	5.9	6.6	3.5	3.7	3.9	3.7	0.000	0.000	0.000	0.000
05:15:00	6.5	5.9	6.5	5.9	4.1	4.0	3.9	4.5	0.000	0.000	0.000	0.000
05:30:00	6.4	7.4	7.1	5.8	4.7	5.8	4.3	5.5	0.000	0.000	0.000	0.000
05:45:00	5.9	7.9	6.8	5.2	4.3	6.4	3.8	5.1	0.000	0.000	0.000	0.000
06:00:00	4.6	6.7	5.5	4.6	3.3	5.2	3.3	4.1	0.000	0.000	0.000	0.000
06:15:00	7.0	7.5	7.0	6.8	5.5	6.1	5.5	5.6	0.000	0.000	0.000	0.000
06:30:00	11.3	13.7	14.5	10.5	9.0	11.9	8.8	12.3	0.000	0.000	0.000	0.000
06:45:00	18.1	23.3	18.8	15.7	14.8	20.7	13.1	15.9	0.000	0.000	0.000	0.000
07:00:00	17.3	28.3	20.0	14.7	14.0	25.5	12.3	17.1	0.000	0.000	0.000	0.000
07:15:00	19.3	29.5	21.4	18.4	15.1	26.1	14.6	17.9	0.000	0.000	0.000	0.000
07:30:00	28.4	40.6	28.5	26.5	22.0	35.1	20.6	22.9	0.000	0.000	0.000	0.000
07:45:00	35.4	51.5	35.9	30.8	26.9	44.1	23.8	28.2	0.000	0.000	0.000	0.000
08:00:00	34.8	51.9	35.9	30.8	26.6	44.9	23.9	28.6	0.000	0.000	0.000	0.000
08:15:00	32.6	50.9	34.0	28.3	25.9	44.6	22.8	27.5	0.000	0.000	0.000	0.000
08:30:00	32.8	48.1	32.1	28.4	26.4	42.6	23.2	26.5	0.000	0.000	0.000	0.000
08:45:00	35.5	49.8	36.9	31.0	28.5	44.1	25.2	30.1	0.000	0.000	0.000	0.000
09:00:00	36.8	51.9	37.9	31.6	29.5	45.8	25.8	31.2	0.000	0.000	0.000	0.000
09:15:00	32.7	50.0	35.4	28.5	26.5	44.4	23.3	29.2	0.000	0.000	0.000	0.000
09:30:00	30.5	45.8	31.9	27.0	24.3	40.7	21.7	26.0	0.000	0.000	0.000	0.000
09:45:00	35.7	48.5	33.8	30.5	27.4	42.4	24.0	27.4	0.000	0.000	0.000	0.000
10:00:00	35.1	50.3	33.5	30.2	27.0	43.5	23.4	27.1	0.000	0.000	0.000	0.000
10:15:00	33.7	49.6	34.2	29.0	26.1	42.8	22.5	27.4	0.000	0.000	0.000	0.000
10:30:00	32.9	48.8	32.4	27.4	26.0	42.4	22.0	26.5	0.000	0.000	0.000	0.000
10:45:00	28.7	46.3	26.9	23.2	23.3	40.7	19.3	22.9	0.000	0.001	0.000	0.000
11:00:00	25.9	42.7	24.9	21.6	21.2	38.0	17.9	21.3	0.000	0.002	0.000	0.000
11:15:00	23.2	39.4	21.9	18.5	19.0	35.1	15.7	18.9	0.000	0.003	0.000	0.000
11:30:00	20.1	34.4	20.7	16.9	16.6	30.8	14.2	17.8	0.000	0.004	0.000	0.000
11:45:00	18.2	30.5	19.1	13.9	14.9	27.5	11.7	16.1	0.000	0.009	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	16.0	27.2	17.4	14.0	13.1	24.5	11.7	14.8	0.000	0.008	0.000	0.000
12:15:00	17.1	26.4	17.2	14.0	13.8	23.9	11.9	14.7	0.002	0.018	0.000	0.001
12:30:00	17.2	26.6	18.0	14.4	14.3	24.1	12.3	15.4	0.006	0.010	0.000	0.003
12:45:00	17.3	27.4	18.5	14.9	14.6	24.9	12.5	15.6	0.012	0.013	0.000	0.004
13:00:00	18.8	29.1	19.3	15.7	15.7	26.5	13.4	16.5	0.013	0.013	0.000	0.005
13:15:00	19.4	29.8	20.1	16.3	16.5	27.3	14.1	17.4	0.013	0.017	0.000	0.007
13:30:00	19.1	29.0	19.7	16.8	16.4	26.5	14.7	17.3	0.017	0.016	0.000	0.009
13:45:00	19.6	29.2	22.1	18.4	16.7	26.8	16.1	18.4	0.017	0.016	0.000	0.012
14:00:00	20.1	30.0	21.2	18.5	17.3	27.5	16.2	18.5	0.021	0.013	0.000	0.018
14:15:00	19.9	31.4	20.1	17.1	17.1	28.8	15.0	17.6	0.027	0.016	0.000	0.025
14:30:00	18.2	29.4	19.2	16.6	15.7	27.0	14.4	16.4	0.033	0.026	0.000	0.027
14:45:00	17.4	25.6	18.3	15.8	14.8	23.2	13.7	15.8	0.031	0.035	0.000	0.032
15:00:00	18.8	24.4	17.1	16.2	14.8	22.0	13.8	14.6	0.027	0.021	0.000	0.036
15:15:00	16.1	23.4	16.8	14.9	13.7	21.1	12.8	14.3	0.023	0.021	0.000	0.043
15:30:00	15.1	21.9	16.5	13.7	12.3	19.6	11.7	13.7	0.013	0.024	0.000	0.042
15:45:00	14.2	20.1	15.4	13.0	11.9	17.9	11.0	13.1	0.001	0.025	0.000	0.045
16:00:00	12.4	18.5	16.1	11.9	10.1	16.4	9.8	11.2	0.000	0.030	0.000	0.046
16:15:00	11.1	16.3	12.9	12.1	8.6	14.1	9.9	9.8	0.000	0.028	0.000	0.046
16:30:00	10.6	14.1	16.6	10.6	7.8	12.0	8.3	9.4	0.000	0.020	0.000	0.048
16:45:00	10.1	13.4	10.6	9.0	7.7	11.5	7.2	8.6	0.000	0.032	0.000	0.048
17:00:00	12.2	13.3	11.9	11.0	7.8	11.5	8.6	8.8	0.000	0.028	0.000	0.046
17:15:00	12.5	12.7	11.3	10.6	8.1	10.9	8.7	8.7	0.005	0.018	0.000	0.041
17:30:00	9.8	13.0	10.5	11.3	7.6	11.2	9.5	8.3	0.018	0.017	0.000	0.042
17:45:00	9.9	13.1	10.3	13.0	7.7	11.3	10.8	8.3	0.027	0.023	0.000	0.039
18:00:00	10.3	13.5	11.6	10.9	8.1	11.6	8.8	8.9	0.030	0.022	0.000	0.037
18:15:00	13.1	13.2	11.0	12.8	7.9	11.3	10.5	8.3	0.034	0.015	0.000	0.036
18:30:00	10.0	13.4	11.2	18.6	7.7	11.1	15.9	8.1	0.031	0.013	0.000	0.032
18:45:00	17.1	14.0	10.8	9.6	8.5	11.8	7.8	8.5	0.029	0.013	0.000	0.028
19:00:00	10.6	15.2	10.5	10.0	8.7	13.2	8.3	8.8	0.026	0.009	0.000	0.025
19:15:00	10.4	15.7	10.7	9.7	8.5	13.9	8.1	9.0	0.023	0.006	0.000	0.022
19:30:00	15.8	16.4	11.9	10.4	10.0	14.6	8.7	10.2	0.016	0.005	0.000	0.021
19:45:00	12.1	17.7	12.4	11.2	9.8	15.9	9.4	10.8	0.012	0.004	0.000	0.018
20:00:00	24.5	18.0	13.0	11.5	11.2	16.2	9.8	11.4	0.010	0.004	0.000	0.013
20:15:00	20.0	18.5	12.8	12.8	11.3	16.7	11.1	11.2	0.005	0.000	0.000	0.014
20:30:00	16.7	18.6	13.0	14.0	10.9	16.9	12.0	11.3	0.004	0.000	0.000	0.010
20:45:00	12.1	18.1	12.8	12.3	10.2	16.4	10.5	11.2	0.000	0.003	0.000	0.007
21:00:00	11.7	19.0	12.3	13.5	9.8	17.3	11.5	10.6	0.000	0.001	0.000	0.004
21:15:00	12.2	17.8	11.8	12.6	10.3	16.2	10.9	10.3	0.000	0.000	0.000	0.002
21:30:00	14.0	19.0	14.9	13.8	10.6	17.2	11.9	13.2	0.000	0.000	0.000	0.001
21:45:00	14.9	21.9	16.2	13.1	11.5	20.0	11.5	14.4	0.000	0.000	0.000	0.001
22:00:00	14.6	22.3	16.7	13.0	12.6	20.5	11.5	14.9	0.000	0.000	0.000	0.000
22:15:00	14.6	22.6	16.8	13.4	12.7	20.9	11.7	15.0	0.000	0.000	0.000	0.000
22:30:00	14.6	22.7	16.9	13.3	12.7	20.8	11.8	15.1	0.000	0.000	0.000	0.000
22:45:00	14.0	23.0	16.8	13.4	12.3	21.2	11.9	15.1	0.000	0.000	0.000	0.000
23:00:00	14.2	22.6	16.2	12.9	12.5	21.0	11.4	14.7	0.000	0.000	0.000	0.000
23:15:00	13.5	22.3	15.2	12.7	12.0	20.7	11.2	13.7	0.000	0.000	0.000	0.000
23:30:00	12.8	19.8	14.6	12.3	11.3	18.2	10.9	13.1	0.000	0.000	0.000	0.000
23:45:00	12.7	19.6	14.4	12.3	11.2	18.2	11.0	13.0	0.000	0.000	0.000	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. 3277 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2997 - 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)
07:30:00						35.1						
07:45:00						44.1						
08:00:00						44.9						
08:15:00						44.6						
08:30:00						42.6						
08:45:00						44.1						
09:00:00						45.8						
09:15:00						44.4						
09:30:00						40.7						
09:45:00						42.4						
10:00:00						43.5						
10:15:00						42.8						
10:30:00						42.4						
10:45:00						40.7						
11:00:00						38.0						
11:15:00						35.1						