



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-01-29

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 7.807	2943 ENE	3277 N	2996 S	2997 N	Min : 26.06 Max : 75.20	Min : 19.80 Max : 80.10	Min : 29.49 Max : 30.41

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	17.1	58.6	10.4	28.8	0.000	0.011
2996	13.1	55.3	7.9	14.6	0.015	0.043
2997	13.2	61.2	9.5	23.3	0.000	0.008
3277	15.8	55.8	12.7	48.9	0.001	0.008

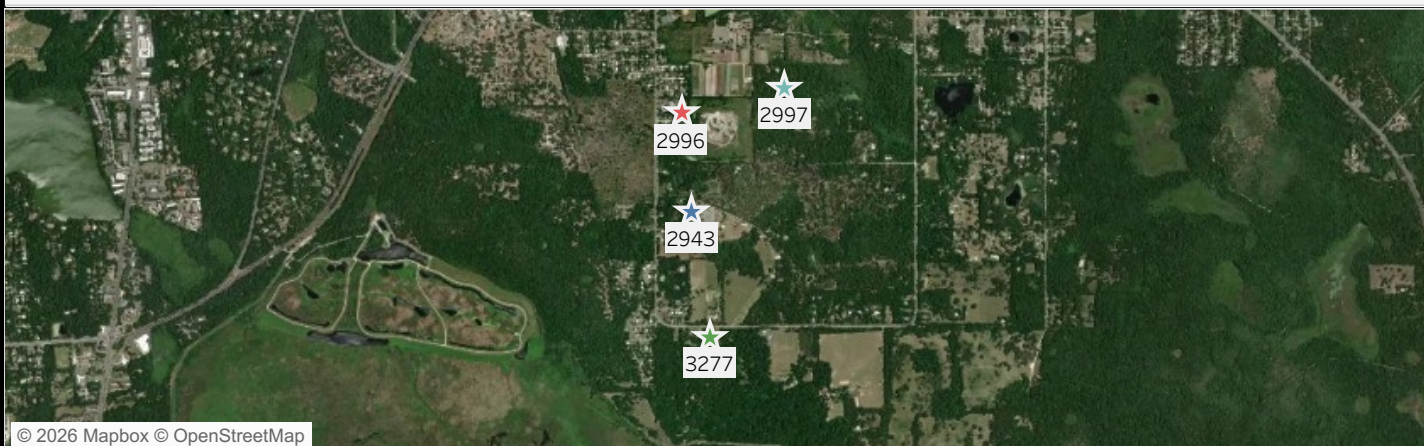
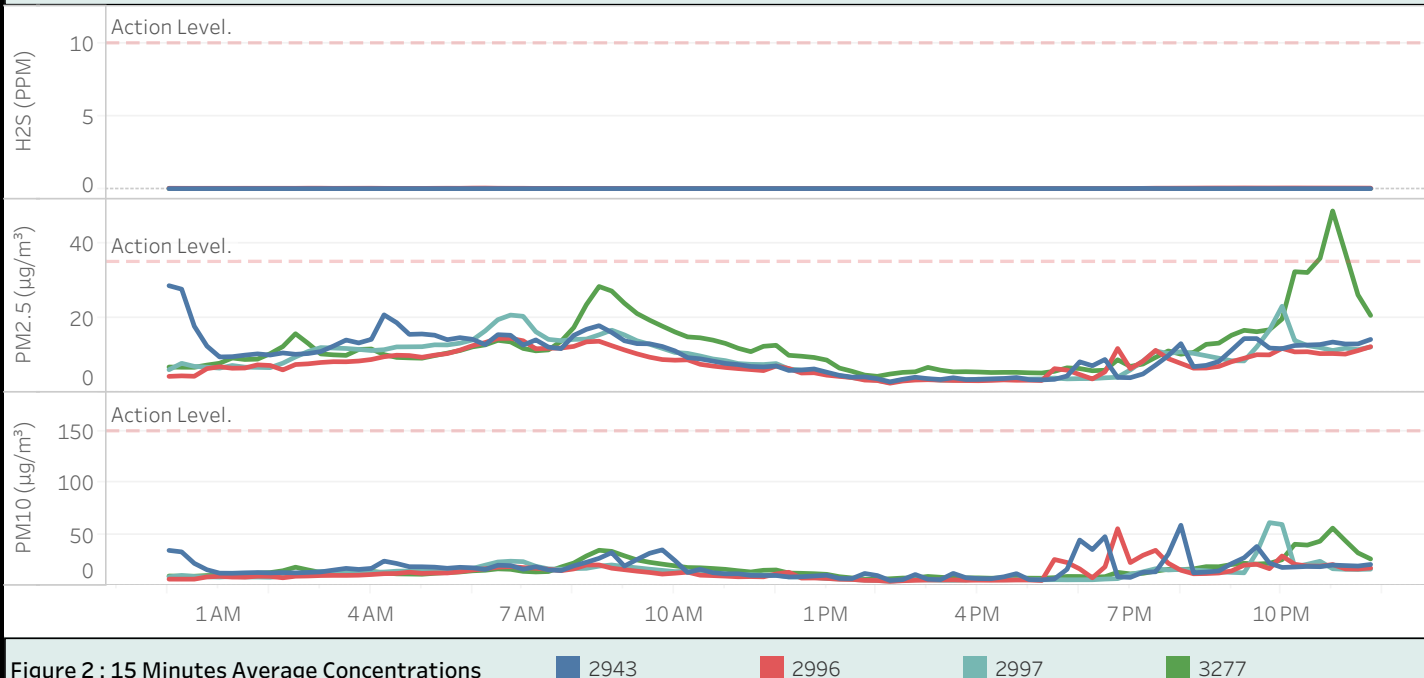


Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

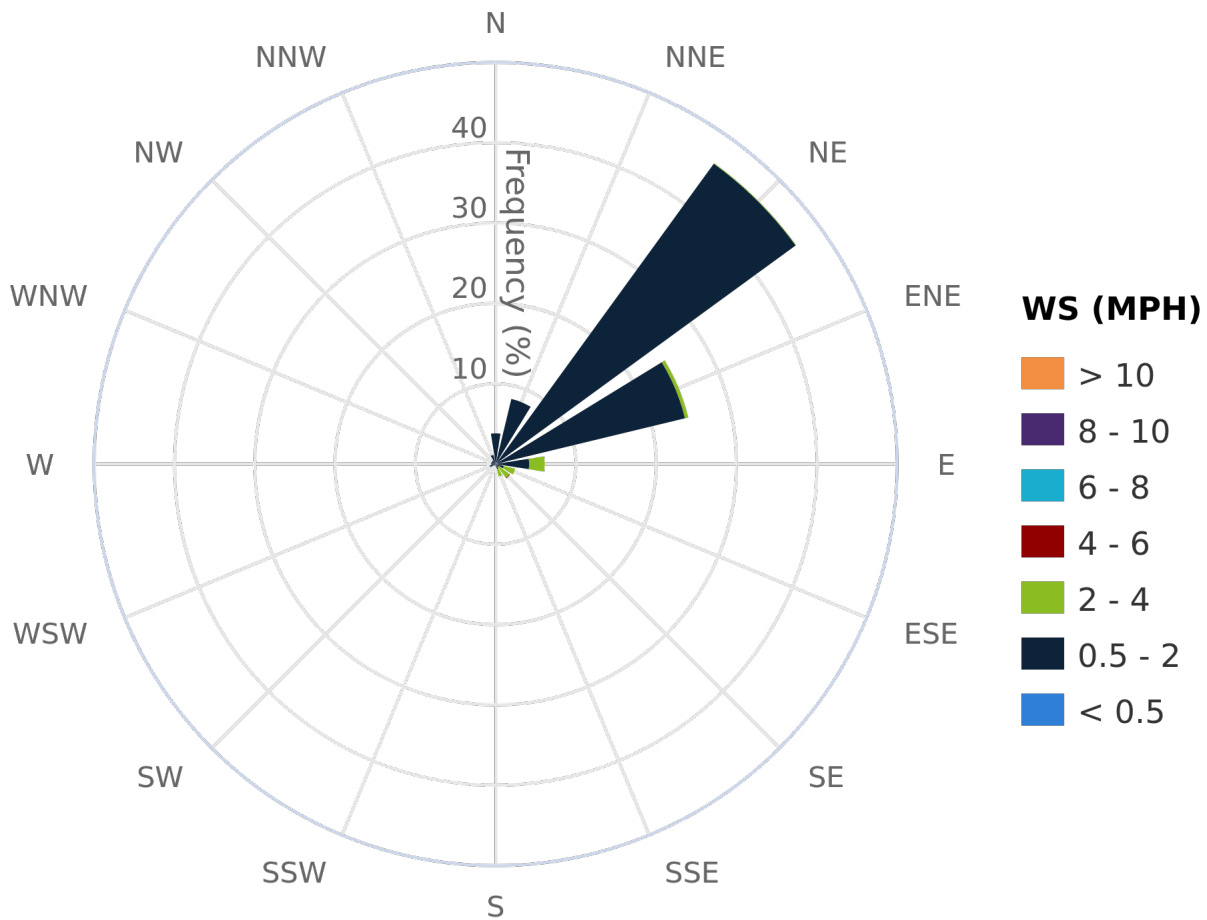


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

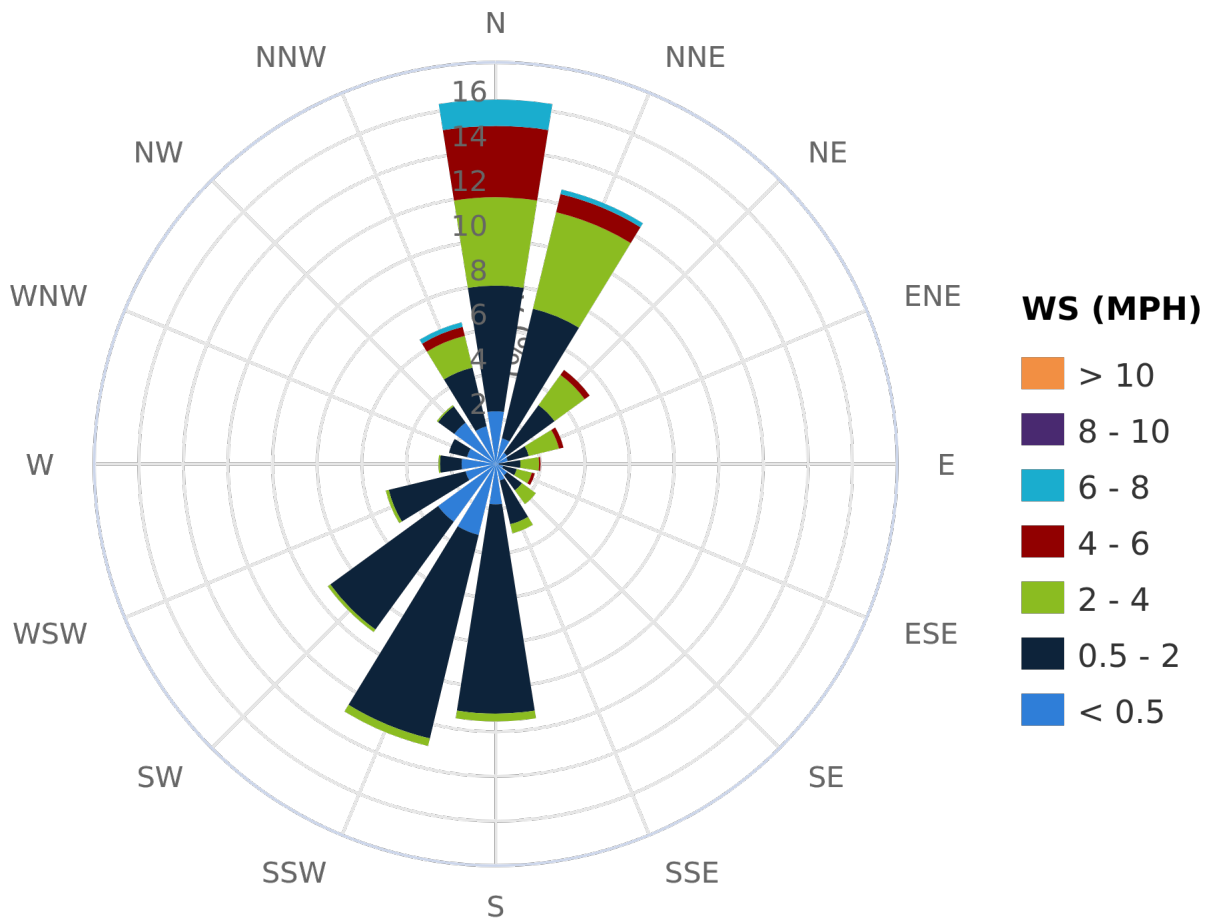


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

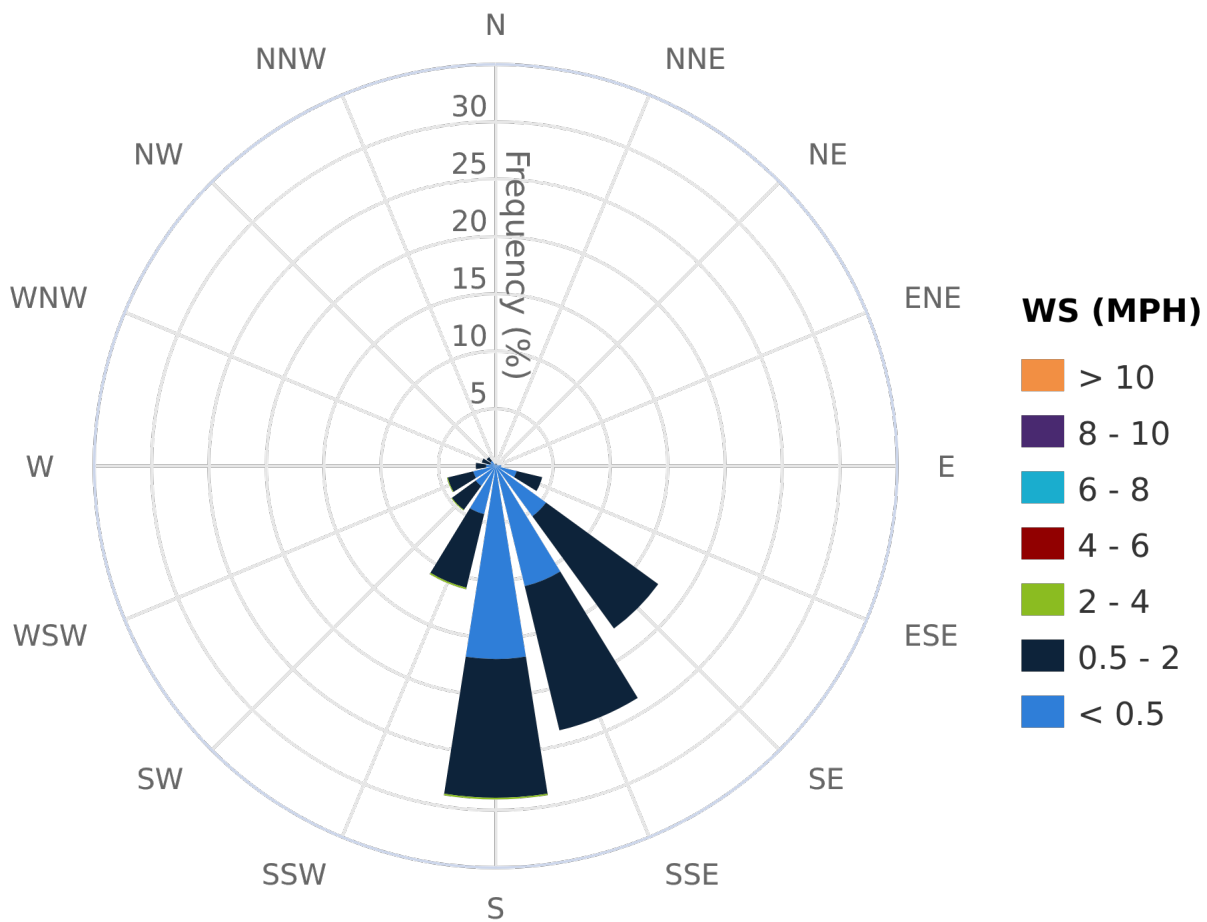
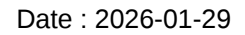


Figure 3 : Wind Rose Chart (WS in MPH)





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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	34.3	9.5	8.7	6.4	28.8	6.9	4.4	6.2	0.000	0.000	0.022	0.000
00:15:00	32.8	9.3	10.0	6.4	27.9	6.8	4.5	7.9	0.000	0.000	0.021	0.000
00:30:00	21.7	9.3	9.0	6.4	17.9	6.8	4.4	7.1	0.000	0.000	0.019	0.000
00:45:00	15.5	9.9	8.7	8.5	12.5	7.4	6.5	6.8	0.000	0.000	0.021	0.000
01:00:00	12.2	10.1	8.4	9.1	9.6	7.9	7.0	6.6	0.000	0.000	0.021	0.000
01:15:00	12.1	11.6	9.1	8.4	9.7	9.3	6.6	7.3	0.000	0.000	0.020	0.000
01:30:00	12.6	11.3	8.5	8.3	10.1	8.9	6.6	6.9	0.000	0.000	0.022	0.000
01:45:00	12.8	12.2	8.5	9.3	10.4	9.0	7.5	6.8	0.000	0.000	0.021	0.000
02:00:00	12.5	12.7	8.2	9.1	10.1	10.5	7.3	6.7	0.000	0.000	0.021	0.000
02:15:00	12.8	14.5	9.3	7.7	10.7	12.4	6.1	7.9	0.000	0.000	0.022	0.000
02:30:00	12.5	18.0	11.3	9.3	10.3	15.9	7.6	9.6	0.000	0.000	0.021	0.000
02:45:00	12.9	15.3	12.6	9.5	10.5	13.3	7.8	11.1	0.000	0.000	0.028	0.000
03:00:00	13.4	12.9	13.9	9.9	11.1	10.4	8.1	12.1	0.000	0.000	0.027	0.000
03:15:00	15.2	12.6	13.8	10.0	12.5	10.2	8.3	12.0	0.000	0.000	0.019	0.000
03:30:00	16.8	12.3	13.6	10.0	14.2	10.0	8.3	11.9	0.000	0.000	0.021	0.000
03:45:00	15.8	13.8	13.5	10.3	13.4	11.6	8.5	11.6	0.000	0.000	0.023	0.000
04:00:00	16.8	14.0	13.1	10.9	14.3	11.8	8.9	11.3	0.000	0.000	0.025	0.000
04:15:00	23.9	12.5	13.3	11.7	20.9	10.2	9.7	11.6	0.000	0.000	0.018	0.000
04:30:00	21.6	11.5	14.1	11.9	18.8	9.5	10.1	12.3	0.000	0.000	0.015	0.000
04:45:00	18.5	11.4	14.3	13.2	15.7	9.4	10.0	12.3	0.000	0.000	0.014	0.000
05:00:00	18.4	11.2	14.1	12.0	15.8	9.3	9.5	12.4	0.000	0.000	0.014	0.000
05:15:00	18.0	12.1	14.7	12.4	15.5	10.0	10.1	12.9	0.000	0.000	0.020	0.000
05:30:00	16.9	12.9	14.7	12.4	14.2	10.6	10.5	12.8	0.000	0.000	0.024	0.000
05:45:00	17.9	13.4	15.2	13.6	14.8	11.3	11.4	13.3	0.000	0.000	0.022	0.000
06:00:00	17.4	14.5	16.8	15.3	14.4	12.3	12.6	14.2	0.000	0.000	0.034	0.000
06:15:00	15.8	15.0	20.0	16.4	12.9	12.9	13.5	16.6	0.000	0.000	0.037	0.000
06:30:00	19.9	16.4	23.0	18.0	15.6	14.1	14.6	19.6	0.000	0.000	0.025	0.000
06:45:00	19.6	16.0	23.8	18.6	15.4	13.7	14.6	20.9	0.000	0.000	0.022	0.000
07:00:00	16.0	14.0	23.3	17.6	12.8	11.9	14.0	20.6	0.000	0.000	0.022	0.000
07:15:00	18.4	13.4	18.9	16.9	14.2	11.3	11.8	16.4	0.000	0.000	0.015	0.000
07:30:00	15.3	13.8	16.4	16.0	12.3	11.5	11.9	14.3	0.000	0.000	0.014	0.000
07:45:00	14.8	18.2	16.1	14.6	11.8	13.8	12.0	14.0	0.000	0.000	0.017	0.000
08:00:00	19.3	22.0	16.6	16.3	15.4	17.5	12.4	14.3	0.000	0.000	0.014	0.000
08:15:00	22.7	28.9	16.9	20.1	17.0	23.7	13.7	14.4	0.000	0.000	0.015	0.000
08:30:00	26.6	34.4	19.0	20.2	18.0	28.6	13.8	15.6	0.000	0.000	0.011	0.000
08:45:00	32.1	33.3	20.2	17.0	16.2	27.4	12.6	16.8	0.000	0.000	0.009	0.000
09:00:00	19.1	29.0	18.6	15.6	14.0	24.1	11.5	15.5	0.000	0.000	0.008	0.000
09:15:00	25.5	25.0	17.4	14.1	13.2	21.3	10.4	14.0	0.000	0.000	0.009	0.000
09:30:00	31.5	22.7	16.1	12.9	13.2	19.5	9.5	13.0	0.000	0.000	0.008	0.000
09:45:00	34.8	21.0	14.9	11.3	12.4	17.9	8.9	11.9	0.000	0.000	0.006	0.000
10:00:00	24.4	19.3	13.7	12.2	11.2	16.3	8.7	10.8	0.000	0.001	0.002	0.000
10:15:00	12.9	17.6	14.2	13.2	9.4	15.0	8.8	10.6	0.000	0.003	0.000	0.000
10:30:00	15.9	17.4	12.9	10.3	9.1	14.8	7.6	9.9	0.000	0.000	0.000	0.000
10:45:00	12.7	16.7	12.0	9.8	8.5	14.1	7.2	9.1	0.000	0.000	0.000	0.003
11:00:00	11.6	15.9	11.4	9.3	7.9	13.2	6.8	8.6	0.000	0.000	0.000	0.004
11:15:00	11.6	14.5	10.4	8.7	7.5	11.9	6.5	7.8	0.000	0.000	0.000	0.008
11:30:00	10.1	13.4	10.7	8.9	7.0	11.0	6.2	7.6	0.000	0.000	0.000	0.004
11:45:00	10.0	15.0	10.3	8.7	6.9	12.5	5.9	7.6	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	9.9	15.3	10.3	11.5	7.2	12.7	7.2	7.8	0.000	0.000	0.000	0.000
12:15:00	8.5	12.3	8.6	13.1	6.0	10.1	6.5	6.4	0.000	0.000	0.000	0.000
12:30:00	8.8	12.1	8.4	7.4	6.1	9.8	5.3	6.1	0.000	0.000	0.000	0.000
12:45:00	9.5	11.7	8.1	7.5	6.4	9.5	5.4	6.0	0.000	0.000	0.000	0.000
13:00:00	10.2	11.1	7.0	7.1	5.5	8.8	4.7	5.0	0.000	0.000	0.000	0.000
13:15:00	7.1	8.8	6.6	6.3	4.6	6.6	4.4	4.6	0.000	0.000	0.000	0.000
13:30:00	7.0	7.6	6.1	6.2	4.2	5.7	4.1	4.0	0.000	0.000	0.000	0.000
13:45:00	11.9	6.4	5.4	5.2	4.2	4.7	3.4	3.6	0.000	0.000	0.000	0.000
14:00:00	9.9	6.2	5.1	5.1	3.7	4.4	3.3	3.3	0.000	0.000	0.000	0.000
14:15:00	5.1	6.8	4.4	4.3	2.9	5.0	2.5	2.7	0.000	0.000	0.000	0.000
14:30:00	5.9	7.5	5.4	4.9	3.6	5.4	3.1	3.5	0.000	0.000	0.000	0.000
14:45:00	10.9	7.5	5.8	5.3	4.1	5.6	3.4	3.7	0.000	0.000	0.000	0.000
15:00:00	6.3	9.0	5.6	5.6	3.8	6.8	3.5	3.7	0.000	0.000	0.000	0.000
15:15:00	5.9	8.2	5.3	5.6	3.5	6.0	3.4	3.3	0.000	0.000	0.000	0.000
15:30:00	12.0	7.5	5.2	5.7	4.0	5.6	3.3	3.3	0.000	0.000	0.000	0.000
15:45:00	7.8	7.7	5.5	5.3	3.5	5.6	3.2	3.4	0.000	0.000	0.000	0.000
16:00:00	7.0	7.6	6.6	5.4	3.6	5.6	3.2	3.6	0.000	0.000	0.000	0.000
16:15:00	6.8	7.3	6.0	5.3	3.7	5.4	3.3	3.6	0.000	0.000	0.000	0.000
16:30:00	8.7	7.6	5.8	5.4	3.8	5.5	3.4	3.7	0.000	0.000	0.000	0.000
16:45:00	11.7	7.5	5.9	5.6	4.1	5.5	3.3	3.7	0.000	0.000	0.000	0.000
17:00:00	6.0	7.4	5.9	5.6	3.5	5.3	3.3	3.7	0.000	0.000	0.000	0.000
17:15:00	5.7	7.3	5.8	5.1	3.4	5.3	3.3	3.7	0.000	0.000	0.000	0.000
17:30:00	6.6	7.9	5.9	25.4	3.6	5.7	6.5	3.9	0.000	0.000	0.000	0.000
17:45:00	15.9	9.0	5.8	22.5	4.5	6.7	6.1	3.7	0.000	0.000	0.000	0.000
18:00:00	44.3	9.0	5.8	16.3	8.3	6.5	4.9	3.8	0.000	0.000	0.000	0.000
18:15:00	35.0	8.4	5.8	7.7	7.2	5.9	3.7	3.8	0.000	0.002	0.000	0.004
18:30:00	47.6	8.8	6.5	18.4	8.9	6.0	5.6	4.0	0.000	0.006	0.000	0.003
18:45:00	8.7	13.0	6.9	55.3	4.1	8.8	11.9	4.2	0.000	0.005	0.003	0.002
19:00:00	8.1	11.5	11.0	22.4	4.0	7.1	6.5	6.1	0.003	0.008	0.012	0.001
19:15:00	13.1	12.0	13.5	29.5	5.0	7.7	8.4	8.5	0.011	0.008	0.017	0.000
19:30:00	13.5	14.2	16.5	34.3	7.4	9.5	11.4	11.2	0.006	0.005	0.026	0.000
19:45:00	30.7	15.9	15.3	21.8	9.9	11.2	9.2	10.5	0.002	0.004	0.028	0.000
20:00:00	58.6	15.7	15.9	15.0	13.2	10.3	7.9	11.0	0.000	0.005	0.031	0.000
20:15:00	12.6	16.4	15.3	11.6	7.0	10.8	6.6	10.6	0.000	0.004	0.033	0.000
20:30:00	13.3	18.5	14.5	11.8	7.3	13.0	6.6	9.9	0.000	0.005	0.038	0.000
20:45:00	14.4	18.4	13.5	12.4	8.4	13.3	7.1	9.3	0.000	0.002	0.040	0.000
21:00:00	21.4	20.6	13.0	14.3	11.4	15.4	8.3	8.6	0.000	0.004	0.040	0.000
21:15:00	27.2	21.8	12.5	19.9	14.5	16.8	9.3	8.5	0.000	0.004	0.043	0.000
21:30:00	38.0	21.0	32.3	20.8	14.5	16.4	10.2	12.3	0.000	0.000	0.041	0.000
21:45:00	22.0	21.7	61.2	16.5	12.0	16.9	10.2	16.8	0.000	0.002	0.039	0.000
22:00:00	17.7	25.3	59.3	28.9	11.8	19.8	11.9	23.3	0.000	0.001	0.042	0.000
22:15:00	18.2	40.2	18.4	20.8	12.7	32.6	11.0	14.0	0.000	0.000	0.043	0.000
22:30:00	18.7	39.4	20.8	19.1	12.8	32.3	11.0	12.7	0.000	0.000	0.040	0.000
22:45:00	18.5	43.2	23.7	19.0	12.9	36.1	10.5	12.1	0.000	0.000	0.039	0.000
23:00:00	20.0	55.8	16.5	20.6	13.6	48.9	10.5	11.3	0.000	0.000	0.037	0.000
23:15:00	19.6	43.6	15.9	16.4	13.1	37.7	10.4	12.0	0.000	0.000	0.037	0.000
23:30:00	19.1	31.9	15.7	16.2	13.1	26.3	11.3	11.6	0.000	0.000	0.036	0.000
23:45:00	20.6	26.0	16.1	17.2	14.3	20.8	12.4	12.3	0.000	0.000	0.033	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)
22:45:00						36.1						
23:00:00						48.9						
23:15:00						37.7						