



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-01-28

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 8.299	2943 NE	3277 SW	2996 WSW	2997 NNW	Min : 27.68 Max : 69.08	Min : 17.90 Max : 73.70	Min : 30.20 Max : 30.47

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	11.8	36.0	7.0	27.2	0.001	0.012
2996	9.9	38.2	6.3	18.3	0.006	0.024
2997	17.9	145.5	11.8	45.0	0.001	0.020
3277	11.1	23.0	9.0	20.3	0.000	0.003

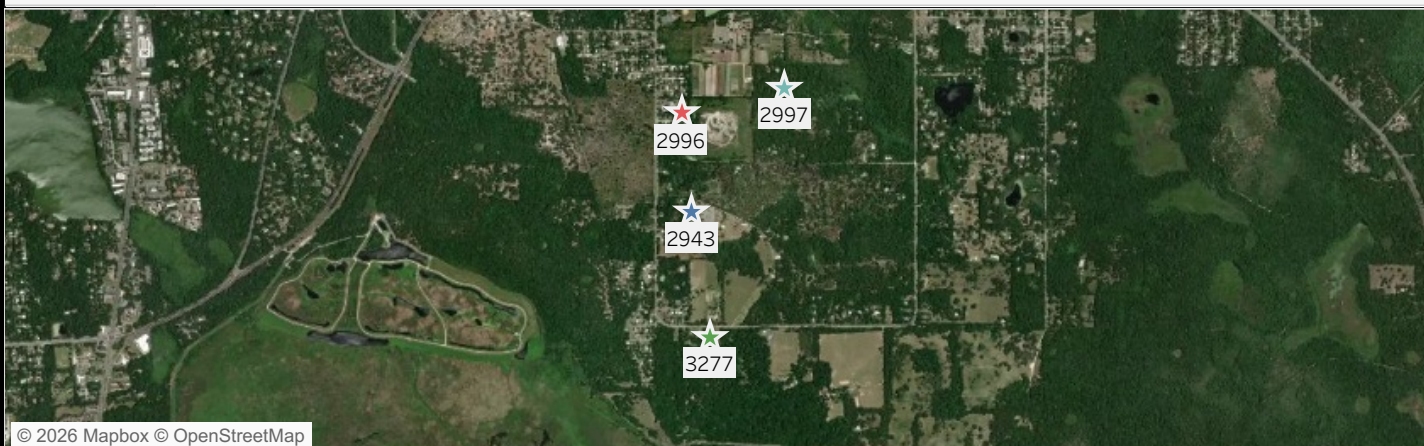
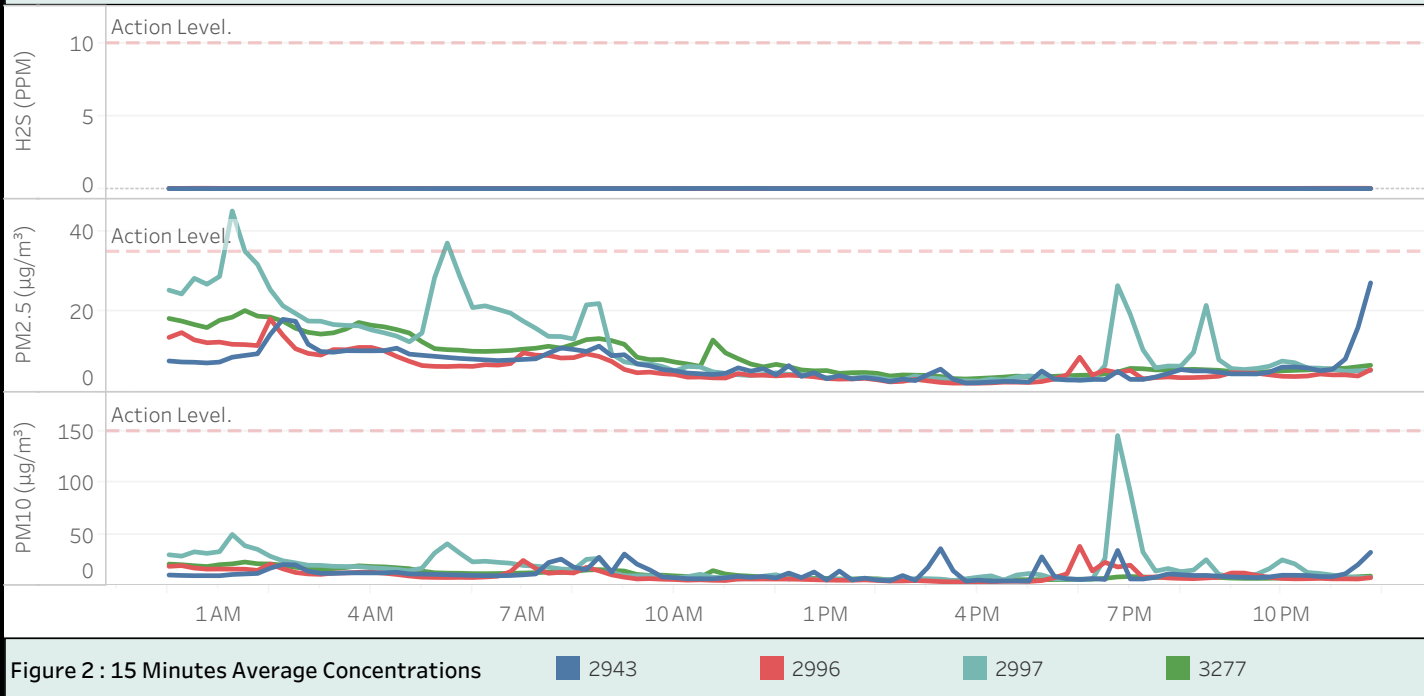


Figure 1 : Monitoring Locations





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Date : 2026-01-28

Wind Rose Chart 2943

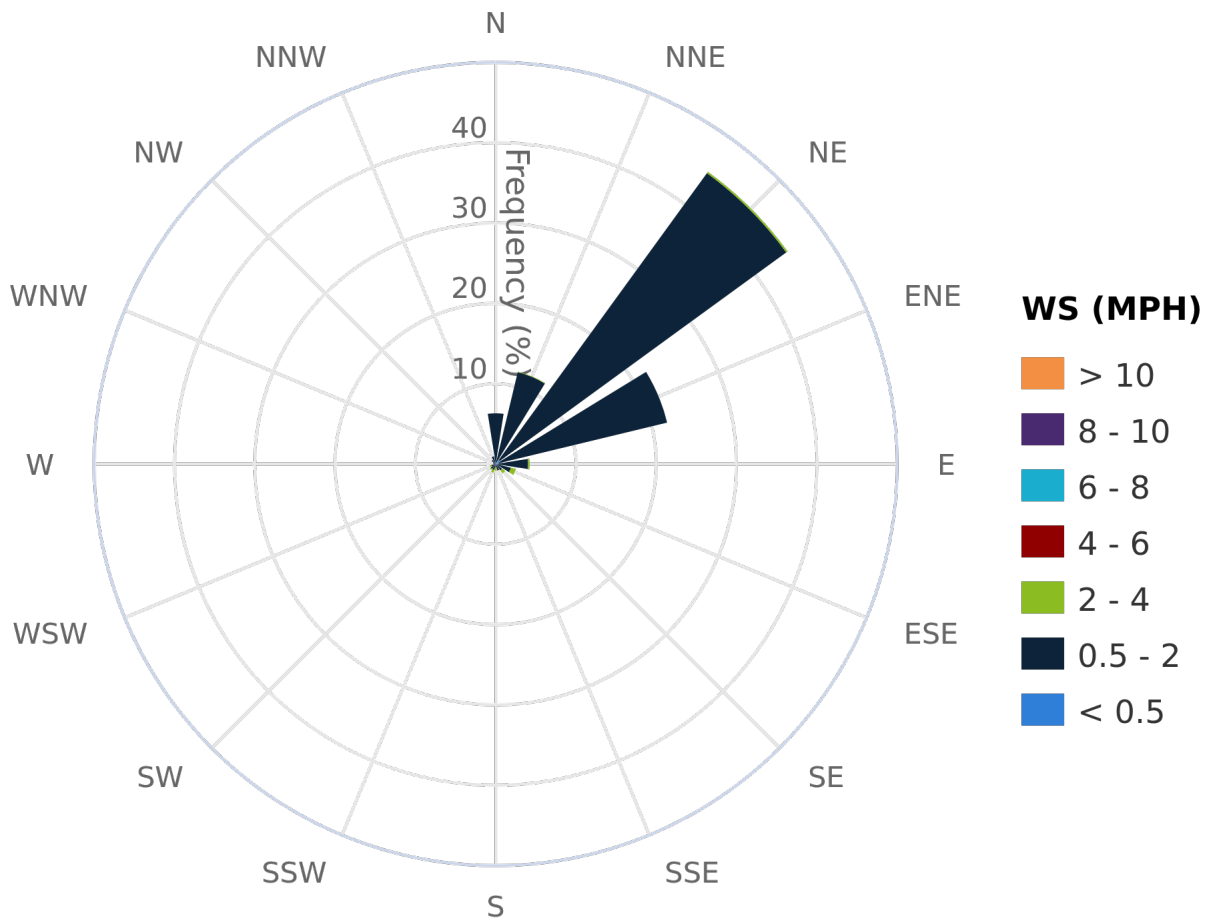


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

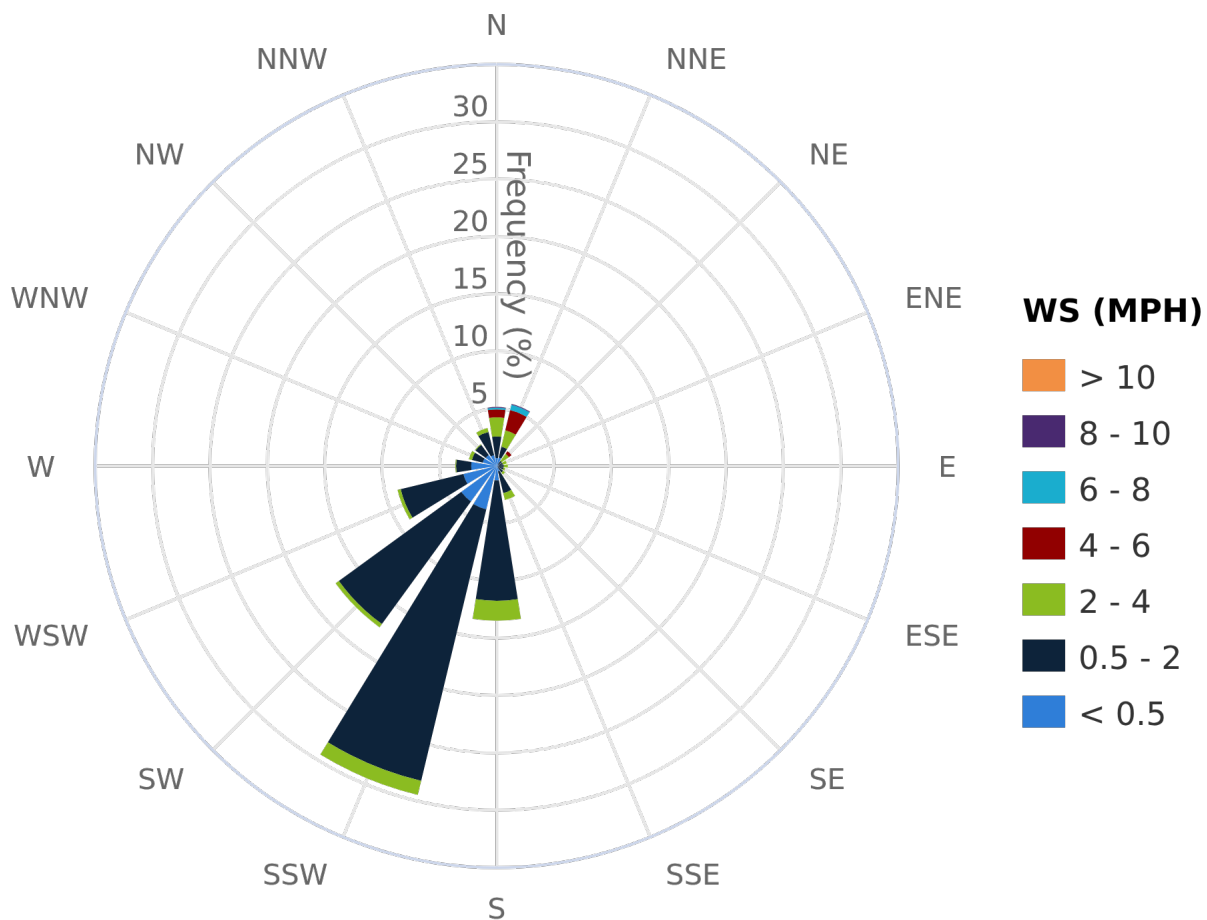


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

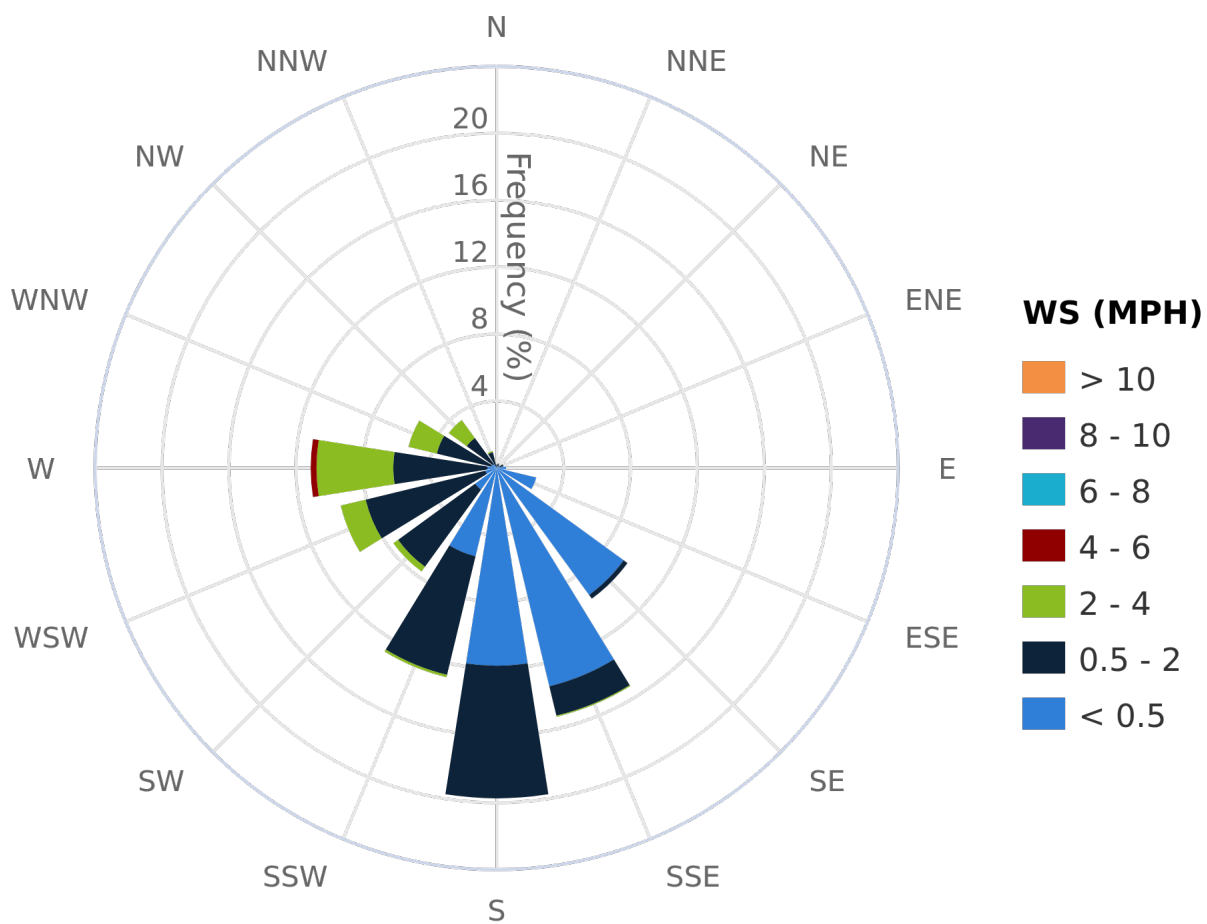


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

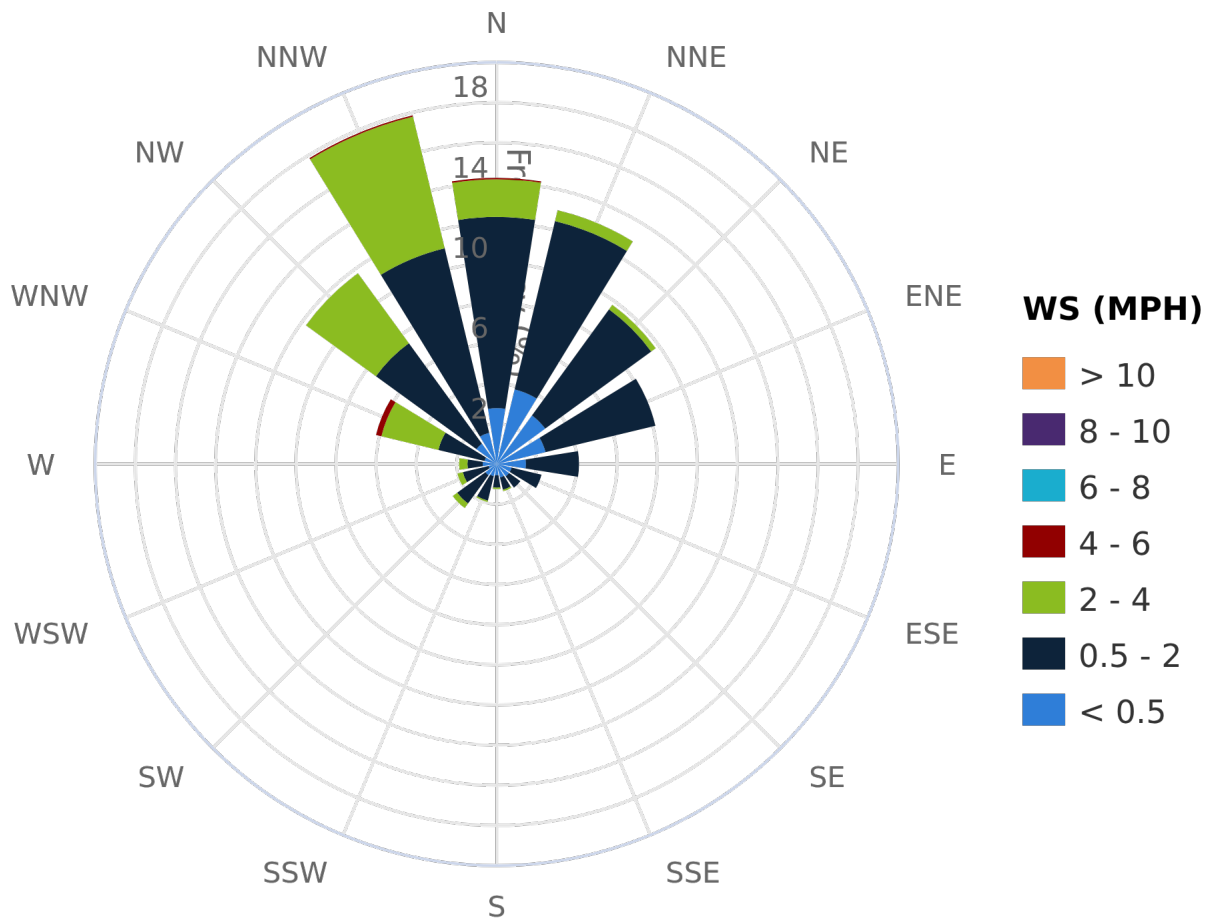


Figure 3 : Wind Rose Chart (WS in MPH)



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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	10.4	21.0	30.0	18.8	7.8	18.4	13.7	25.4	0.000	0.000	0.017	0.000
00:15:00	10.0	20.4	28.7	19.5	7.6	17.7	14.9	24.4	0.000	0.000	0.017	0.000
00:30:00	9.7	19.4	32.9	17.1	7.5	16.9	13.1	28.3	0.000	0.000	0.022	0.000
00:45:00	9.8	18.6	31.4	16.1	7.4	16.1	12.4	26.8	0.000	0.000	0.024	0.000
01:00:00	9.7	20.4	33.0	16.2	7.6	17.9	12.5	28.8	0.000	0.000	0.018	0.000
01:15:00	10.9	21.2	49.7	16.1	8.8	18.7	12.0	45.0	0.000	0.000	0.013	0.000
01:30:00	11.5	23.0	38.8	16.1	9.2	20.3	11.9	35.0	0.000	0.000	0.011	0.000
01:45:00	11.9	21.3	35.3	14.9	9.6	18.9	11.7	31.7	0.000	0.000	0.006	0.000
02:00:00	17.0	21.1	28.6	21.1	14.4	18.7	18.3	25.5	0.000	0.000	0.011	0.000
02:15:00	20.6	20.1	24.2	16.4	18.1	17.7	14.2	21.5	0.000	0.000	0.008	0.000
02:30:00	20.2	17.9	22.1	12.9	17.7	15.9	10.9	19.6	0.000	0.000	0.009	0.000
02:45:00	14.1	16.8	19.9	11.5	12.0	14.9	9.7	17.7	0.000	0.000	0.014	0.000
03:00:00	12.1	16.3	19.8	11.1	10.2	14.5	9.3	17.7	0.000	0.000	0.014	0.000
03:15:00	12.0	16.7	18.8	12.3	10.0	14.8	10.7	16.9	0.000	0.000	0.013	0.000
03:30:00	12.5	17.7	18.7	12.4	10.4	15.8	10.6	16.6	0.000	0.000	0.012	0.000
03:45:00	12.5	19.3	18.5	13.1	10.4	17.4	11.2	16.5	0.000	0.000	0.011	0.000
04:00:00	12.5	18.6	17.4	13.1	10.4	16.7	11.2	15.5	0.000	0.000	0.011	0.000
04:15:00	12.5	18.3	16.7	12.2	10.4	16.3	10.4	14.8	0.000	0.000	0.007	0.000
04:30:00	13.1	17.5	15.9	11.0	11.0	15.6	9.0	14.0	0.000	0.000	0.006	0.000
04:45:00	11.5	16.5	14.5	9.5	9.5	14.8	7.8	12.6	0.000	0.000	0.006	0.000
05:00:00	11.3	14.2	17.1	8.3	9.2	12.6	6.7	14.7	0.000	0.000	0.007	0.000
05:15:00	11.1	12.6	31.7	8.1	9.0	10.9	6.5	28.5	0.000	0.000	0.005	0.000
05:30:00	10.7	12.2	40.7	8.0	8.7	10.6	6.5	37.0	0.000	0.000	0.004	0.000
05:45:00	10.4	12.1	31.5	8.1	8.5	10.5	6.6	28.7	0.000	0.000	0.004	0.000
06:00:00	10.0	11.8	23.1	8.0	8.3	10.2	6.5	21.1	0.000	0.000	0.005	0.000
06:15:00	9.8	11.7	23.8	8.5	8.1	10.2	6.9	21.5	0.000	0.000	0.009	0.000
06:30:00	9.7	11.9	22.7	9.3	7.9	10.3	6.8	20.6	0.000	0.000	0.010	0.000
06:45:00	9.9	12.1	21.8	13.7	8.1	10.5	7.2	19.7	0.000	0.000	0.008	0.000
07:00:00	10.6	12.3	19.7	24.5	8.2	10.8	9.9	17.7	0.000	0.000	0.006	0.000
07:15:00	11.5	12.7	19.0	16.7	8.4	11.0	9.3	15.9	0.000	0.000	0.004	0.000
07:30:00	22.5	13.3	18.0	12.1	9.8	11.5	9.2	13.9	0.000	0.000	0.001	0.000
07:45:00	25.8	12.8	16.3	13.1	11.0	11.0	8.6	13.9	0.000	0.000	0.002	0.000
08:00:00	18.0	13.9	15.6	12.4	10.7	12.0	8.7	13.3	0.000	0.000	0.004	0.000
08:15:00	15.5	15.3	25.6	17.9	10.2	13.1	9.6	21.7	0.000	0.000	0.000	0.000
08:30:00	27.6	15.6	26.6	14.5	11.5	13.4	9.0	22.1	0.000	0.000	0.000	0.000
08:45:00	13.2	15.0	13.0	10.6	9.1	12.9	7.7	9.6	0.000	0.000	0.000	0.000
09:00:00	30.7	14.3	9.8	8.3	9.4	12.0	5.7	7.6	0.000	0.000	0.000	0.000
09:15:00	21.0	10.9	9.6	6.6	7.1	8.8	4.9	7.2	0.000	0.000	0.000	0.000
09:30:00	15.4	10.1	9.8	6.9	6.7	8.2	5.1	7.1	0.000	0.002	0.000	0.000
09:45:00	8.6	10.3	8.7	6.3	5.7	8.2	4.7	6.5	0.000	0.003	0.000	0.001
10:00:00	7.8	9.6	7.2	6.0	5.4	7.6	4.5	5.4	0.002	0.002	0.000	0.004
10:15:00	6.8	9.0	8.8	5.4	4.9	7.1	3.8	6.5	0.004	0.002	0.000	0.008
10:30:00	6.8	8.2	11.1	5.8	4.7	6.5	3.9	6.3	0.012	0.001	0.000	0.008
10:45:00	6.7	14.7	8.3	5.3	4.5	13.0	3.7	5.2	0.009	0.002	0.000	0.012
11:00:00	7.7	11.3	7.7	5.1	4.8	9.8	3.6	4.8	0.010	0.001	0.000	0.013
11:15:00	9.1	9.9	6.6	6.5	6.1	8.4	4.7	4.4	0.009	0.000	0.000	0.016
11:30:00	8.2	9.3	7.1	6.5	5.3	7.1	4.3	4.2	0.008	0.000	0.000	0.020
11:45:00	9.1	8.5	9.3	6.6	5.9	6.4	4.3	4.5	0.006	0.000	0.000	0.020



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	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	7.6	9.4	10.7	6.5	4.4	7.0	4.1	4.9	0.000	0.000	0.000	0.015
12:15:00	12.3	8.9	6.6	6.5	6.7	6.4	4.3	4.5	0.000	0.000	0.000	0.004
12:30:00	7.9	7.4	7.6	6.2	4.0	5.6	4.2	4.6	0.000	0.000	0.000	0.000
12:45:00	13.3	7.1	6.3	5.9	4.9	5.4	3.9	4.2	0.000	0.000	0.000	0.000
13:00:00	5.5	7.2	6.0	5.5	3.4	5.5	3.5	3.7	0.000	0.000	0.000	0.000
13:15:00	14.3	6.5	6.4	5.3	4.2	4.8	3.4	3.8	0.000	0.000	0.000	0.000
13:30:00	5.6	6.6	6.0	5.3	3.4	4.9	3.4	3.6	0.000	0.000	0.000	0.000
13:45:00	7.4	6.8	7.1	5.7	3.7	5.0	3.5	3.9	0.000	0.000	0.000	0.000
14:00:00	5.6	6.7	5.8	5.1	3.4	4.8	3.2	3.7	0.000	0.000	0.000	0.000
14:15:00	4.8	5.8	6.2	4.6	2.8	4.1	2.7	3.2	0.000	0.000	0.000	0.000
14:30:00	9.9	6.1	5.9	4.7	3.4	4.4	2.8	3.2	0.000	0.000	0.000	0.000
14:45:00	5.2	6.2	6.9	5.1	3.0	4.3	3.3	4.1	0.000	0.000	0.000	0.000
15:00:00	17.8	5.9	6.9	4.6	4.4	4.3	2.9	3.6	0.000	0.000	0.000	0.000
15:15:00	36.0	5.7	6.4	4.0	5.8	4.0	2.5	3.4	0.000	0.000	0.000	0.000
15:30:00	14.5	4.9	5.1	3.7	3.3	3.5	2.3	2.9	0.000	0.000	0.000	0.000
15:45:00	4.4	5.6	6.7	3.8	2.4	3.4	2.4	3.0	0.000	0.000	0.000	0.000
16:00:00	5.5	6.1	8.3	3.9	2.5	3.5	2.3	2.9	0.000	0.000	0.000	0.000
16:15:00	4.5	5.6	9.6	4.0	2.6	3.7	2.4	3.3	0.000	0.000	0.000	0.000
16:30:00	4.7	5.4	5.5	4.3	2.8	3.9	2.6	3.1	0.000	0.000	0.000	0.000
16:45:00	4.7	5.9	10.4	4.4	2.7	4.1	2.6	3.9	0.000	0.000	0.000	0.000
17:00:00	4.6	5.8	11.9	4.2	2.6	4.0	2.5	4.2	0.000	0.000	0.000	0.000
17:15:00	28.1	6.0	10.5	5.0	5.4	3.9	2.8	3.8	0.000	0.000	0.000	0.000
17:30:00	9.1	6.0	6.7	7.8	3.4	4.0	3.4	3.3	0.000	0.000	0.000	0.000
17:45:00	6.8	6.1	6.8	11.6	3.1	4.2	4.4	3.5	0.000	0.000	0.000	0.000
18:00:00	6.1	6.4	6.0	38.2	3.1	4.3	8.8	3.1	0.000	0.000	0.000	0.000
18:15:00	7.0	6.3	6.3	14.3	3.3	4.4	4.3	3.2	0.000	0.001	0.000	0.000
18:30:00	6.1	7.2	26.5	22.6	3.2	4.6	5.6	6.7	0.000	0.000	0.000	0.000
18:45:00	34.2	8.5	145.5	18.2	5.3	5.1	4.9	26.5	0.000	0.000	0.000	0.001
19:00:00	6.6	9.0	90.9	19.9	3.3	6.0	5.5	19.3	0.000	0.000	0.000	0.000
19:15:00	6.5	8.5	32.6	8.0	3.3	5.9	3.4	10.6	0.000	0.000	0.000	0.000
19:30:00	8.2	8.1	14.2	8.6	3.9	5.6	3.7	6.2	0.001	0.002	0.000	0.000
19:45:00	11.5	8.3	16.7	7.6	4.7	5.6	3.9	6.6	0.001	0.001	0.000	0.000
20:00:00	10.7	8.5	13.7	7.1	5.7	5.7	3.7	6.6	0.000	0.002	0.000	0.000
20:15:00	10.0	8.7	15.2	6.9	5.4	5.8	3.7	10.0	0.000	0.003	0.004	0.000
20:30:00	10.0	8.6	25.2	7.5	5.4	5.7	3.8	21.6	0.000	0.000	0.009	0.000
20:45:00	9.3	8.1	11.0	8.2	5.1	5.5	4.1	8.2	0.000	0.001	0.014	0.000
21:00:00	8.6	7.4	8.6	12.3	4.6	5.2	5.0	6.0	0.000	0.000	0.015	0.000
21:15:00	8.2	7.1	9.3	12.3	4.6	5.1	4.9	5.7	0.000	0.001	0.015	0.000
21:30:00	7.9	7.1	11.3	10.1	4.6	5.1	4.8	6.0	0.000	0.000	0.015	0.000
21:45:00	8.6	7.3	16.6	8.1	5.1	5.2	4.4	6.5	0.000	0.000	0.015	0.000
22:00:00	10.2	7.5	25.1	7.1	6.3	5.4	4.1	7.8	0.000	0.000	0.014	0.000
22:15:00	10.2	7.6	21.2	6.7	6.4	5.5	4.0	7.4	0.000	0.000	0.016	0.000
22:30:00	9.9	7.8	12.9	6.8	6.1	5.6	4.1	6.1	0.000	0.000	0.020	0.000
22:45:00	8.9	8.1	11.9	7.2	5.4	5.8	4.6	6.1	0.000	0.000	0.022	0.000
23:00:00	8.9	8.1	10.3	6.7	5.8	5.9	4.4	5.7	0.000	0.000	0.022	0.000
23:15:00	11.6	8.2	8.7	6.7	8.3	6.0	4.4	5.3	0.000	0.000	0.023	0.000
23:30:00	20.5	8.7	8.0	6.6	16.1	6.4	4.1	5.4	0.000	0.000	0.023	0.000
23:45:00	32.4	9.4	8.0	7.8	27.2	6.8	5.7	5.5	0.000	0.000	0.022	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)
01:15:00								45.0				
01:30:00								35.0				
05:30:00								37.0				