



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-01-12

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.2010 Max : 36.87	2943 NE	3277 N	2996 S	2997 N	Min : 38.30 Max : 69.80	Min : 39.90 Max : 76.00	Min : 30.24 Max : 30.46

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	12.1	32.1	5.7	23.5	0.005	0.021
2996	9.5	26.3	4.7	17.4	0.000	0.002
2997	10.1	34.8	5.4	27.4	0.005	0.018
3277	13.0	66.8	8.3	58.1	0.002	0.015

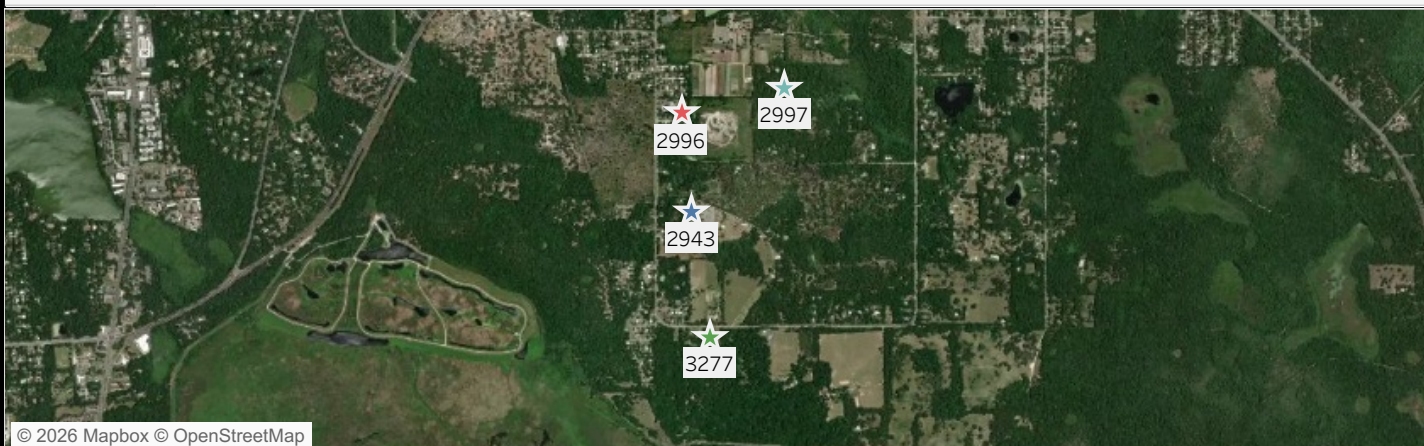


Figure 1 : Monitoring Locations

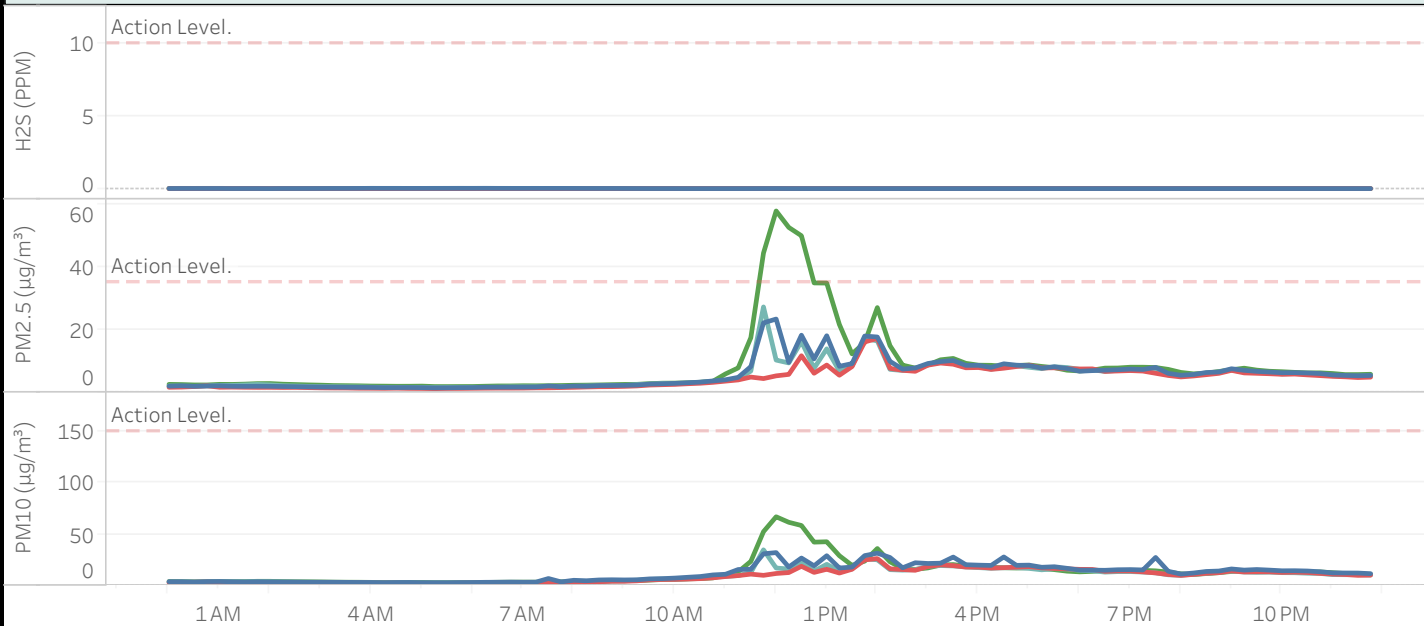


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

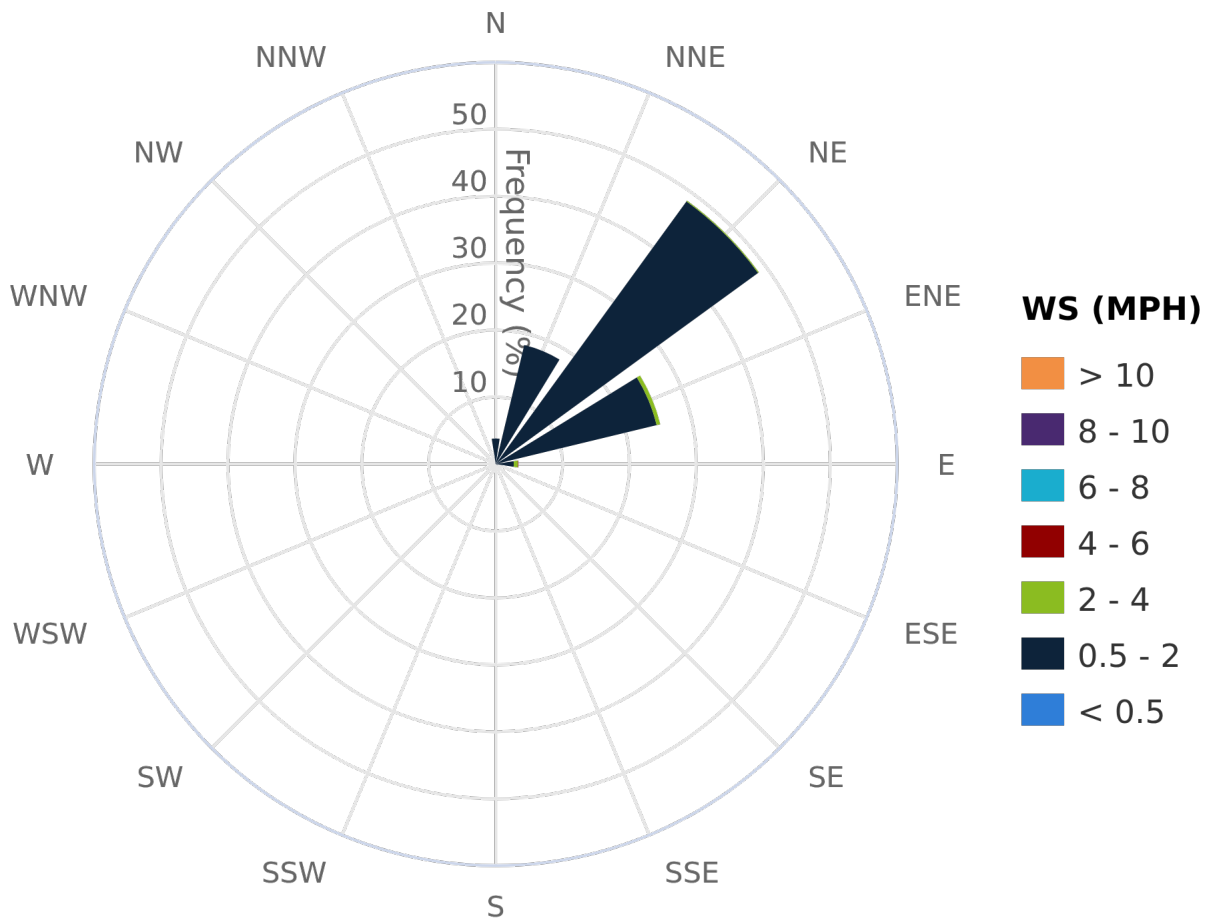


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

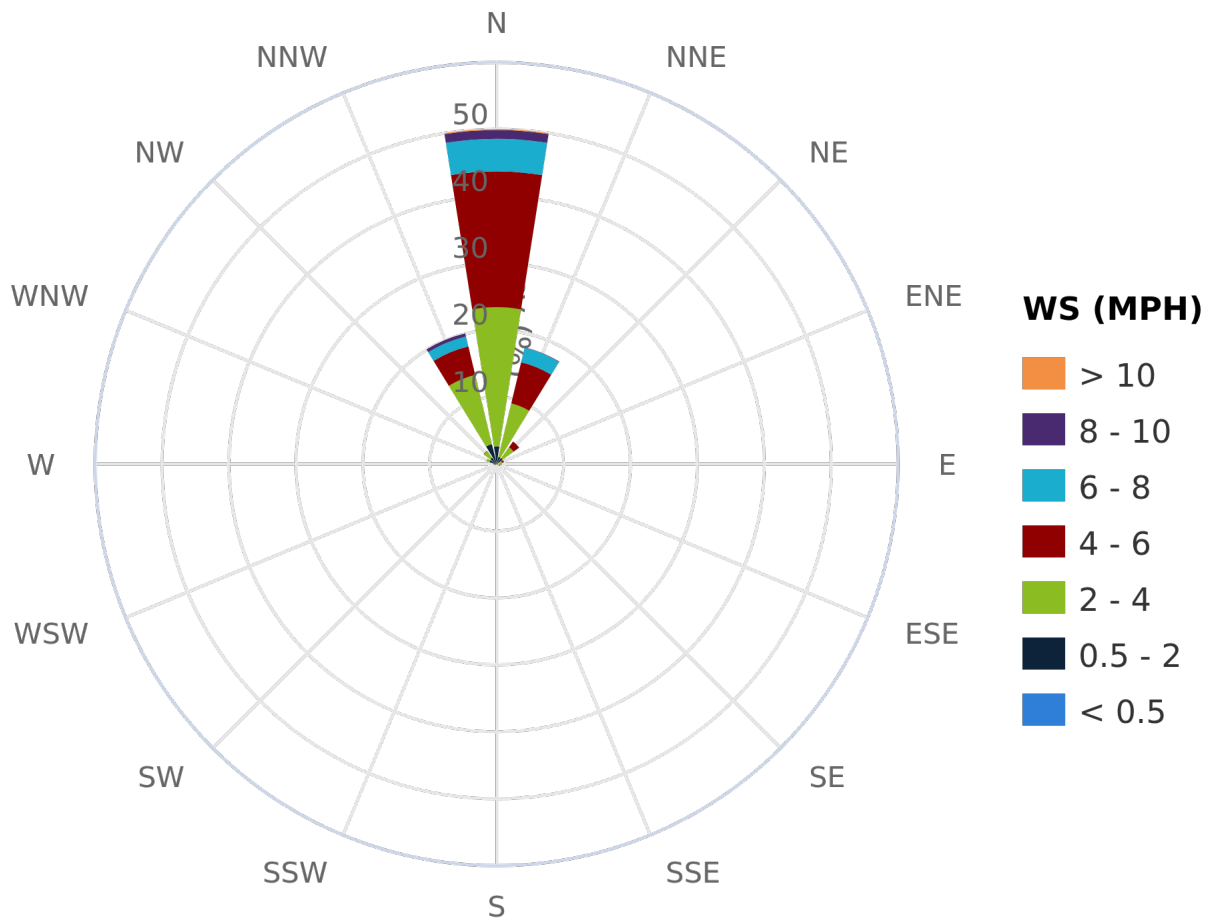


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

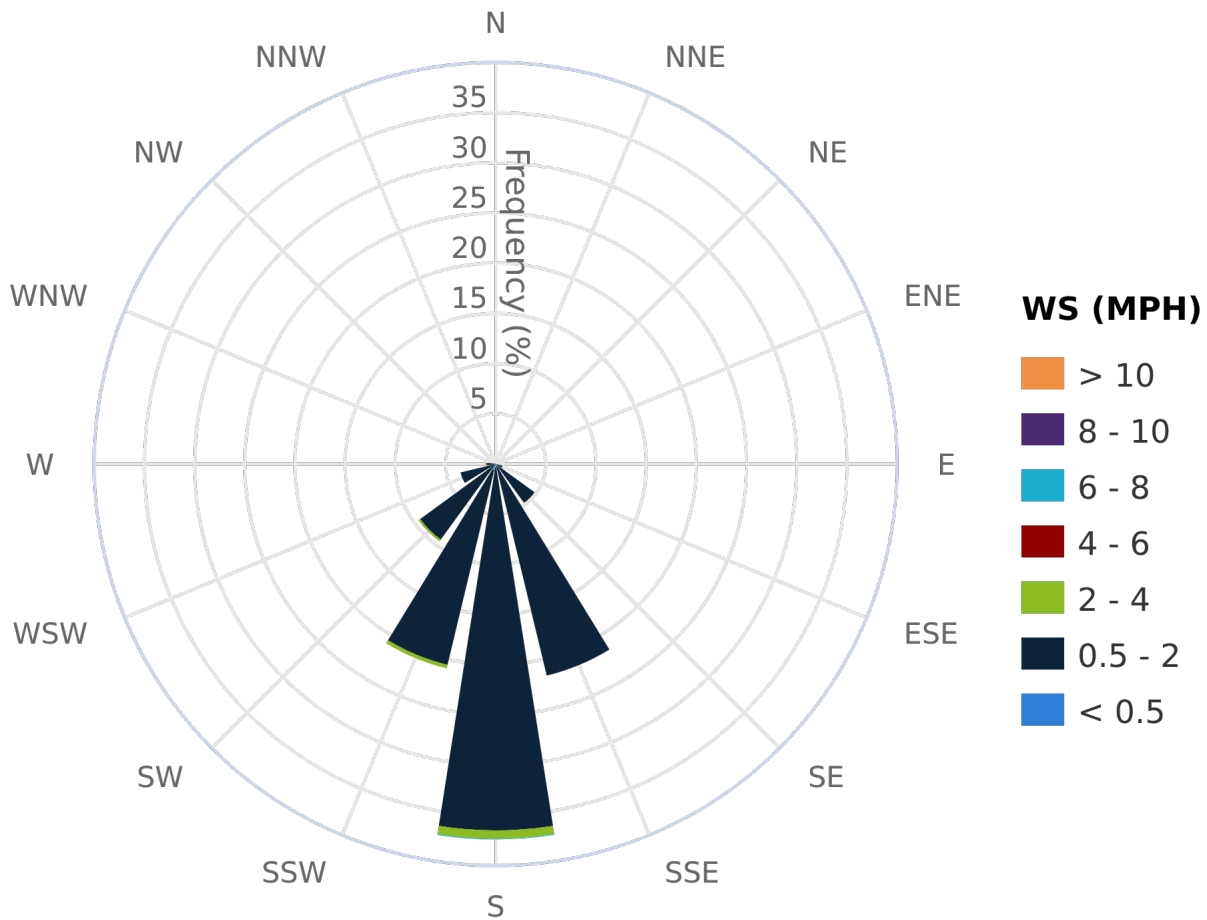


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

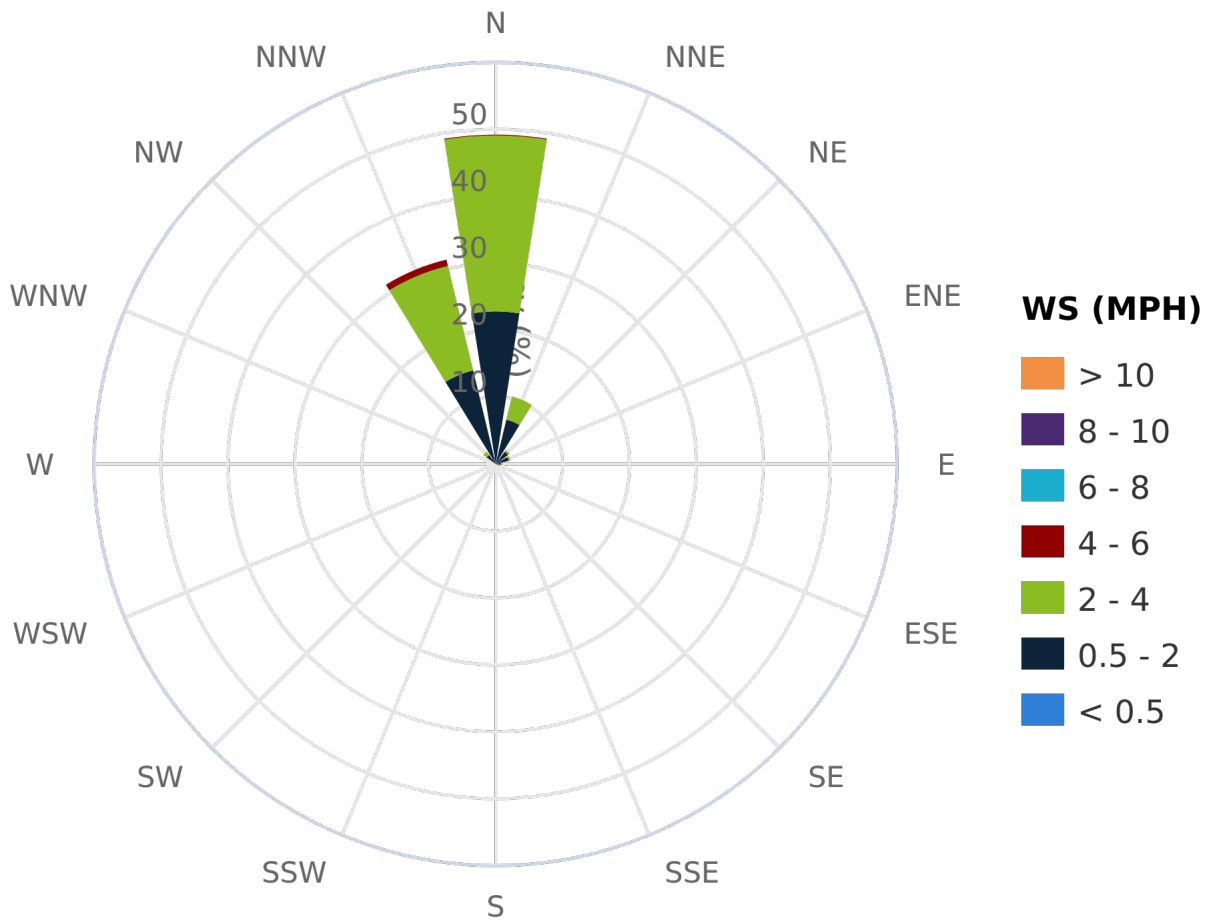


Figure 3 : Wind Rose Chart (WS in MPH)



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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	4.0	4.1	3.6	3.1	2.1	2.7	1.7	2.1	0.006	0.006	0.000	0.015
00:15:00	4.0	4.0	3.6	3.2	2.2	2.6	1.8	2.1	0.009	0.004	0.000	0.017
00:30:00	3.7	3.8	3.6	3.4	2.0	2.5	2.0	2.0	0.009	0.005	0.000	0.016
00:45:00	4.1	3.9	3.6	3.6	2.1	2.5	2.2	2.2	0.008	0.015	0.000	0.018
01:00:00	4.2	4.0	3.8	3.0	2.2	2.7	1.7	2.3	0.009	0.011	0.000	0.018
01:15:00	3.9	4.0	3.9	3.1	2.0	2.6	1.8	2.3	0.003	0.007	0.000	0.015
01:30:00	3.6	4.1	4.0	2.9	2.0	2.7	1.7	2.5	0.004	0.004	0.000	0.015
01:45:00	3.9	4.3	4.1	2.8	2.1	2.9	1.7	2.6	0.004	0.004	0.000	0.017
02:00:00	3.8	4.3	4.0	3.0	2.0	2.9	1.7	2.5	0.001	0.007	0.000	0.014
02:15:00	3.7	4.0	3.7	2.9	2.0	2.7	1.6	2.2	0.006	0.003	0.000	0.015
02:30:00	3.6	3.9	3.5	2.9	1.9	2.6	1.7	2.1	0.005	0.006	0.000	0.014
02:45:00	3.5	3.8	3.5	3.0	1.8	2.5	1.6	2.0	0.006	0.007	0.000	0.012
03:00:00	3.5	3.7	3.3	2.7	1.8	2.4	1.5	1.9	0.008	0.006	0.000	0.014
03:15:00	3.4	3.5	3.2	2.6	1.8	2.3	1.5	1.9	0.011	0.006	0.000	0.014
03:30:00	3.3	3.4	3.3	2.7	1.7	2.2	1.5	1.9	0.011	0.005	0.000	0.013
03:45:00	3.2	3.4	3.3	2.6	1.7	2.2	1.4	1.8	0.014	0.004	0.000	0.012
04:00:00	3.2	3.3	3.1	2.5	1.7	2.1	1.4	1.8	0.019	0.013	0.000	0.013
04:15:00	3.0	3.2	2.9	2.5	1.6	2.1	1.4	1.7	0.018	0.008	0.000	0.015
04:30:00	3.2	3.1	3.0	2.5	1.6	2.0	1.4	1.7	0.018	0.004	0.000	0.016
04:45:00	3.2	3.2	2.9	2.3	1.6	2.1	1.4	1.7	0.015	0.008	0.000	0.015
05:00:00	3.0	3.3	2.9	2.4	1.6	2.1	1.3	1.7	0.016	0.005	0.000	0.014
05:15:00	3.0	3.0	2.8	2.3	1.5	1.9	1.3	1.6	0.017	0.005	0.000	0.014
05:30:00	2.9	3.1	2.9	2.3	1.5	1.9	1.3	1.6	0.018	0.004	0.000	0.015
05:45:00	3.1	3.1	2.9	2.5	1.6	2.0	1.3	1.7	0.020	0.003	0.000	0.014
06:00:00	3.2	3.1	2.9	2.5	1.6	2.0	1.4	1.7	0.019	0.003	0.000	0.014
06:15:00	3.4	3.2	3.0	2.5	1.7	2.1	1.4	1.7	0.021	0.008	0.000	0.013
06:30:00	3.4	3.4	3.1	2.6	1.7	2.1	1.4	1.8	0.018	0.002	0.000	0.014
06:45:00	3.6	3.5	3.2	2.7	1.8	2.1	1.4	1.8	0.017	0.005	0.000	0.016
07:00:00	3.4	3.5	3.3	2.6	1.8	2.2	1.5	1.9	0.016	0.005	0.000	0.016
07:15:00	3.5	3.5	3.3	2.9	1.8	2.2	1.5	1.9	0.017	0.001	0.000	0.012
07:30:00	7.0	3.5	3.4	3.0	2.1	2.2	1.5	1.9	0.016	0.005	0.000	0.011
07:45:00	3.7	3.8	3.5	3.0	1.9	2.3	1.6	2.0	0.015	0.002	0.000	0.009
08:00:00	5.3	3.9	3.7	3.3	2.1	2.4	1.7	2.0	0.014	0.003	0.000	0.009
08:15:00	4.9	4.0	4.0	3.5	2.1	2.4	1.8	2.1	0.012	0.000	0.000	0.008
08:30:00	5.6	4.4	4.3	3.9	2.3	2.5	1.9	2.2	0.011	0.000	0.000	0.007
08:45:00	5.8	4.8	4.7	4.3	2.3	2.6	1.9	2.3	0.010	0.000	0.000	0.004
09:00:00	5.7	4.9	4.8	4.4	2.3	2.6	2.0	2.3	0.008	0.002	0.000	0.003
09:15:00	5.8	5.0	5.4	4.8	2.4	2.7	2.1	2.6	0.005	0.000	0.000	0.002
09:30:00	6.7	5.5	6.1	5.7	2.7	2.9	2.4	2.8	0.003	0.000	0.000	0.001
09:45:00	6.9	6.0	6.6	6.1	2.8	3.0	2.5	2.9	0.003	0.000	0.000	0.000
10:00:00	7.5	6.3	6.4	6.2	3.0	3.1	2.6	2.8	0.002	0.001	0.000	0.000
10:15:00	8.2	6.6	6.8	6.5	3.2	3.2	2.8	3.0	0.000	0.002	0.000	0.000
10:30:00	8.9	7.0	7.5	6.9	3.4	3.3	3.0	3.3	0.000	0.003	0.000	0.000
10:45:00	10.5	7.6	8.3	7.7	3.7	3.6	3.3	3.5	0.000	0.003	0.000	0.000
11:00:00	11.2	10.4	9.1	8.9	4.1	6.0	3.7	4.0	0.000	0.000	0.000	0.000
11:15:00	15.7	13.5	9.9	9.9	4.9	7.9	4.1	4.3	0.000	0.001	0.000	0.000
11:30:00	16.0	23.6	12.9	11.3	8.3	17.6	5.0	6.9	0.001	0.000	0.000	0.000
11:45:00	31.0	52.4	34.8	10.1	22.3	44.6	4.5	27.4	0.003	0.002	0.000	0.000



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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	32.1	66.8	17.2	11.9	23.5	58.1	5.4	10.4	0.005	0.000	0.000	0.003
12:15:00	18.2	61.5	16.2	12.8	9.7	52.8	5.8	9.5	0.001	0.000	0.000	0.002
12:30:00	26.9	58.4	23.3	18.9	18.4	50.2	11.8	16.4	0.001	0.000	0.000	0.002
12:45:00	19.3	42.3	14.2	12.9	10.8	35.1	6.2	7.8	0.000	0.000	0.000	0.000
13:00:00	29.1	42.6	20.8	16.0	18.2	35.0	8.8	14.0	0.000	0.004	0.000	0.000
13:15:00	17.2	29.1	14.2	12.3	8.4	21.8	5.6	6.9	0.000	0.000	0.000	0.000
13:30:00	18.1	19.7	16.3	16.0	9.3	12.4	8.3	8.5	0.000	0.000	0.000	0.000
13:45:00	29.2	23.9	25.9	25.0	18.1	16.0	16.2	17.2	0.000	0.004	0.000	0.000
14:00:00	31.6	36.1	25.2	26.3	17.8	27.2	17.4	16.6	0.000	0.002	0.000	0.000
14:15:00	27.4	23.2	15.6	16.4	10.0	15.0	7.8	7.4	0.000	0.001	0.000	0.000
14:30:00	17.4	16.7	15.1	15.7	7.5	8.8	7.1	7.1	0.000	0.000	0.000	0.000
14:45:00	22.3	15.9	15.6	15.0	7.9	7.8	6.8	7.2	0.000	0.001	0.000	0.000
15:00:00	21.6	17.3	18.9	18.6	9.3	8.8	8.8	9.1	0.000	0.000	0.000	0.000
15:15:00	21.9	20.1	19.6	20.3	9.9	10.5	9.5	9.7	0.000	0.001	0.000	0.000
15:30:00	27.8	20.5	19.2	19.5	10.3	10.9	9.1	9.3	0.000	0.004	0.000	0.000
15:45:00	20.4	19.0	18.1	18.1	8.7	9.4	7.9	8.4	0.000	0.002	0.000	0.001
16:00:00	20.0	18.0	17.6	18.0	8.7	8.8	8.0	8.2	0.000	0.000	0.000	0.001
16:15:00	19.7	17.9	16.9	17.1	8.1	8.7	7.4	7.5	0.001	0.000	0.000	0.000
16:30:00	27.9	17.5	17.4	17.5	9.2	8.4	7.8	8.1	0.000	0.000	0.000	0.000
16:45:00	19.8	17.2	17.5	18.0	8.8	8.7	8.3	8.6	0.000	0.000	0.000	0.000
17:00:00	20.0	17.6	16.8	18.5	8.6	8.9	8.8	8.1	0.001	0.000	0.000	0.000
17:15:00	17.9	16.6	15.4	17.3	7.9	8.4	7.9	7.7	0.001	0.000	0.000	0.000
17:30:00	18.4	15.6	16.5	16.7	8.3	8.0	7.9	8.3	0.000	0.000	0.000	0.000
17:45:00	16.9	14.1	16.3	16.4	7.7	7.2	7.7	8.0	0.000	0.000	0.002	0.000
18:00:00	15.2	13.5	15.1	15.9	6.8	6.9	7.6	7.5	0.000	0.000	0.002	0.000
18:15:00	15.1	14.0	14.6	15.8	7.0	7.2	7.6	7.3	0.000	0.000	0.000	0.000
18:30:00	15.0	14.7	13.2	14.0	7.2	7.8	6.8	6.8	0.000	0.000	0.002	0.000
18:45:00	15.5	14.4	13.7	14.4	7.3	7.9	6.9	7.1	0.000	0.000	0.001	0.000
19:00:00	15.7	15.0	13.7	14.3	7.5	8.1	7.1	7.2	0.000	0.000	0.001	0.000
19:15:00	15.3	15.0	13.3	13.4	7.4	8.1	6.9	7.1	0.000	0.000	0.000	0.000
19:30:00	27.4	14.5	12.5	12.4	8.1	8.0	6.2	6.5	0.000	0.000	0.000	0.000
19:45:00	14.0	13.3	10.6	10.9	6.2	7.4	5.5	5.7	0.000	0.000	0.000	0.000
20:00:00	11.3	11.6	10.2	10.0	5.6	6.5	5.0	5.4	0.000	0.000	0.001	0.000
20:15:00	12.4	11.0	11.2	11.0	5.8	6.0	5.3	5.7	0.000	0.000	0.000	0.000
20:30:00	13.9	11.8	11.9	12.1	6.4	6.2	5.7	6.0	0.000	0.000	0.000	0.000
20:45:00	14.3	12.7	13.2	12.7	6.6	6.8	6.2	6.6	0.000	0.000	0.000	0.000
21:00:00	16.3	13.8	14.2	14.4	7.6	7.3	7.1	7.2	0.000	0.000	0.000	0.000
21:15:00	15.2	14.5	13.3	13.4	7.1	7.8	6.3	6.6	0.000	0.000	0.000	0.000
21:30:00	15.7	13.9	13.0	13.5	6.8	7.2	6.2	6.4	0.000	0.000	0.000	0.000
21:45:00	15.2	14.0	13.2	13.5	6.6	6.8	6.0	6.4	0.000	0.000	0.000	0.000
22:00:00	14.5	13.5	12.7	12.9	6.4	6.7	5.9	6.0	0.000	0.000	0.000	0.000
22:15:00	14.6	13.2	12.6	13.2	6.4	6.5	5.9	6.1	0.000	0.000	0.000	0.000
22:30:00	14.3	13.1	12.1	12.9	6.3	6.3	5.7	5.9	0.000	0.000	0.000	0.000
22:45:00	13.6	13.4	11.9	12.0	6.1	6.3	5.4	5.7	0.000	0.000	0.000	0.000
23:00:00	12.5	12.7	10.8	11.3	5.7	6.1	5.2	5.4	0.000	0.000	0.000	0.000
23:15:00	12.4	11.8	10.7	10.9	5.5	5.8	5.1	5.2	0.000	0.000	0.000	0.000
23:30:00	12.3	11.4	10.7	10.1	5.4	5.8	4.8	5.3	0.000	0.000	0.000	0.000
23:45:00	11.7	11.1	10.4	10.3	5.5	5.9	5.0	5.4	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)
11:45:00						44.6						
12:00:00						58.1						
12:15:00						52.8						
12:30:00						50.2						
12:45:00						35.1						
13:00:00						35.0						