



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-01-24

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 9.015	2943 NE	3277 N	2996 SE	2997 N	Min : 52.34 Max : 79.70	Min : 48.00 Max : 90.80	Min : 30.03 Max : 30.31

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	27.0	51.9	15.7	32.3	0.001	0.012
2996	24.1	48.7	14.1	29.0	0.000	0.004
2997	23.2	45.5	14.0	30.4	0.002	0.017
3277	27.8	55.1	18.7	47.2	0.004	0.027

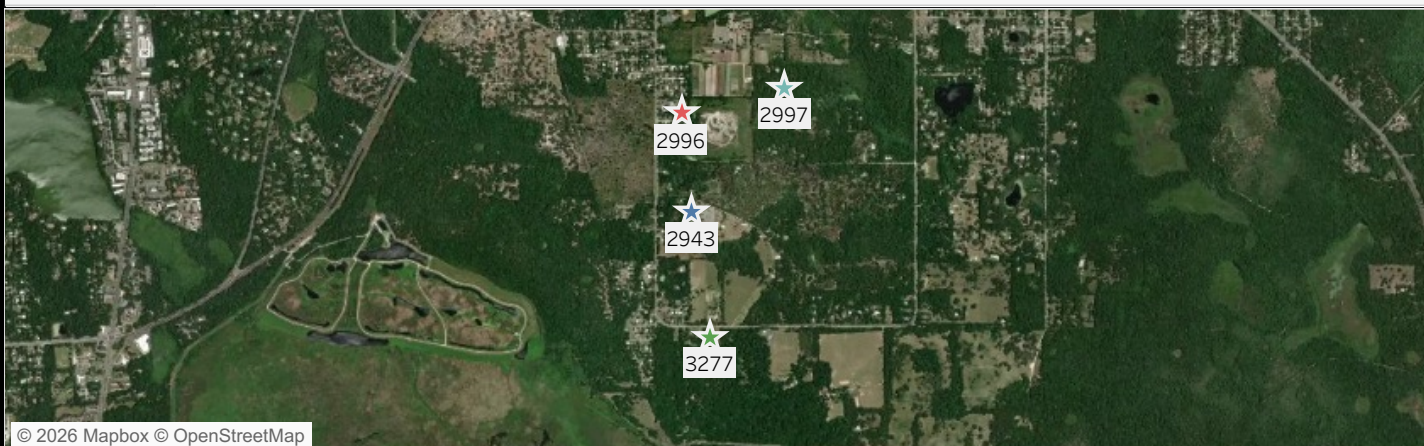


Figure 1 : Monitoring Locations

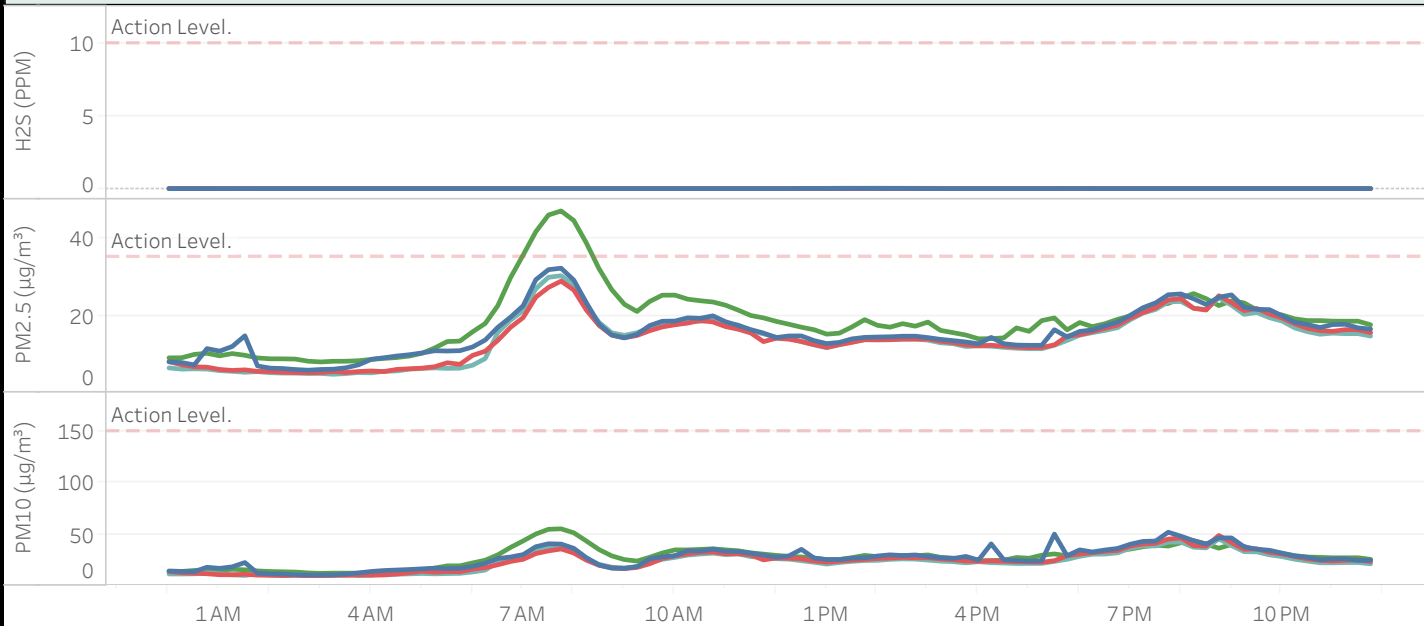


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

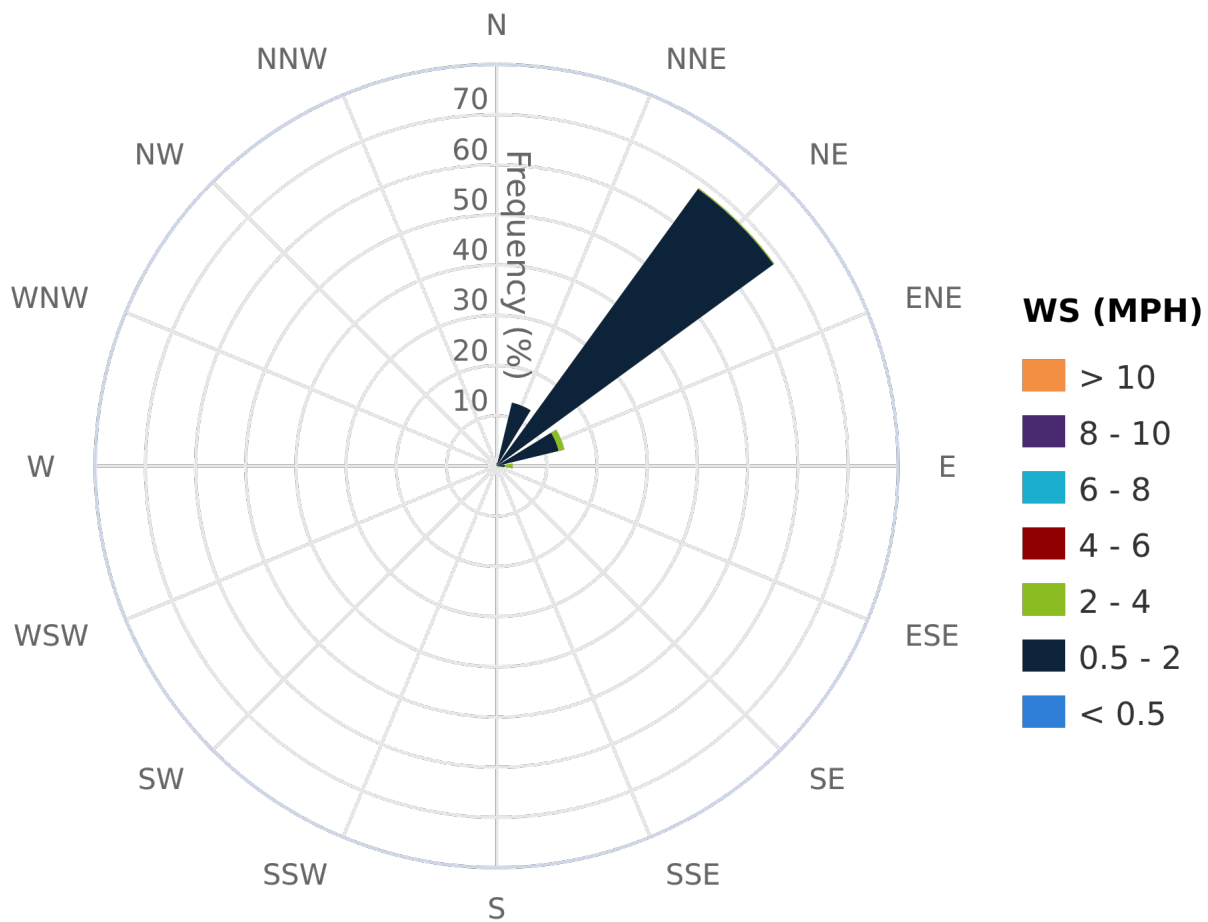


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

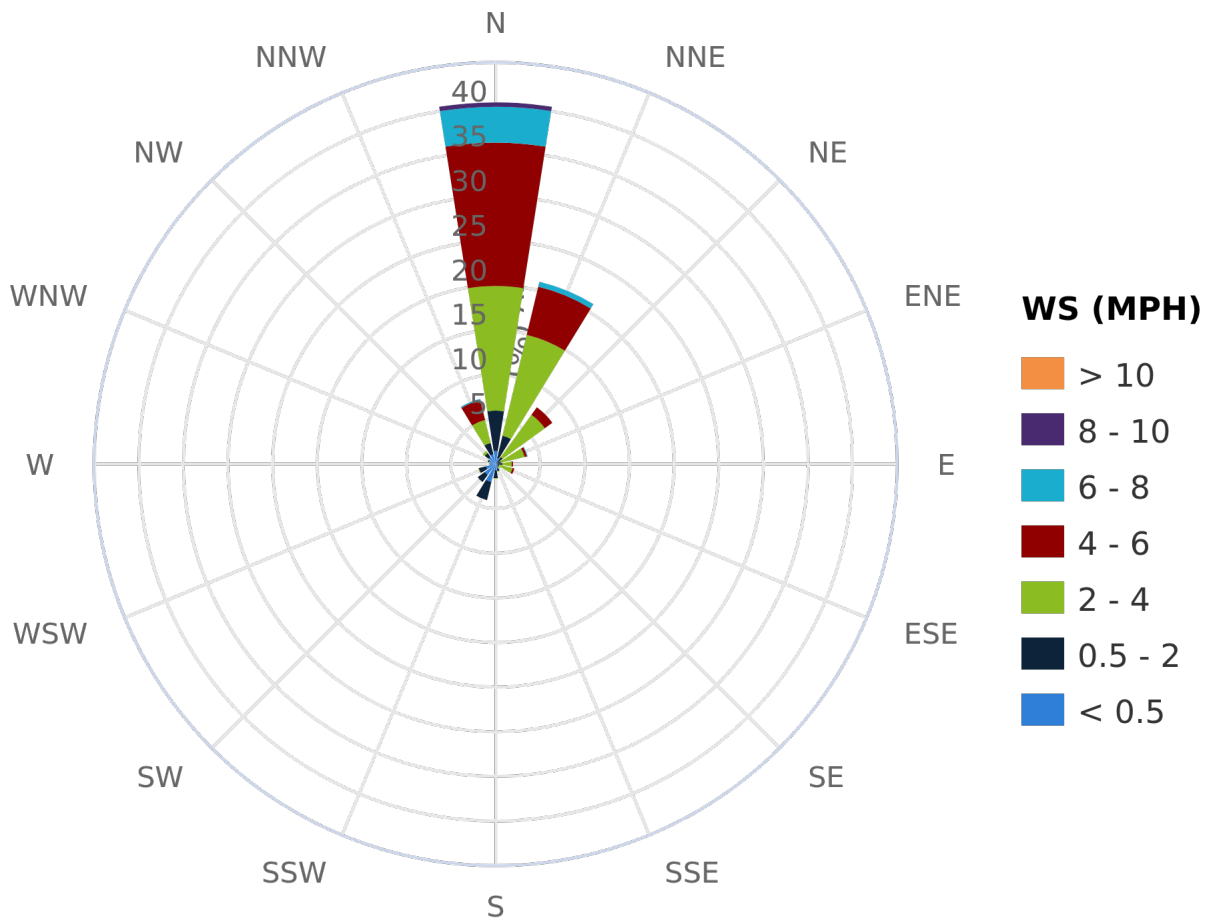


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

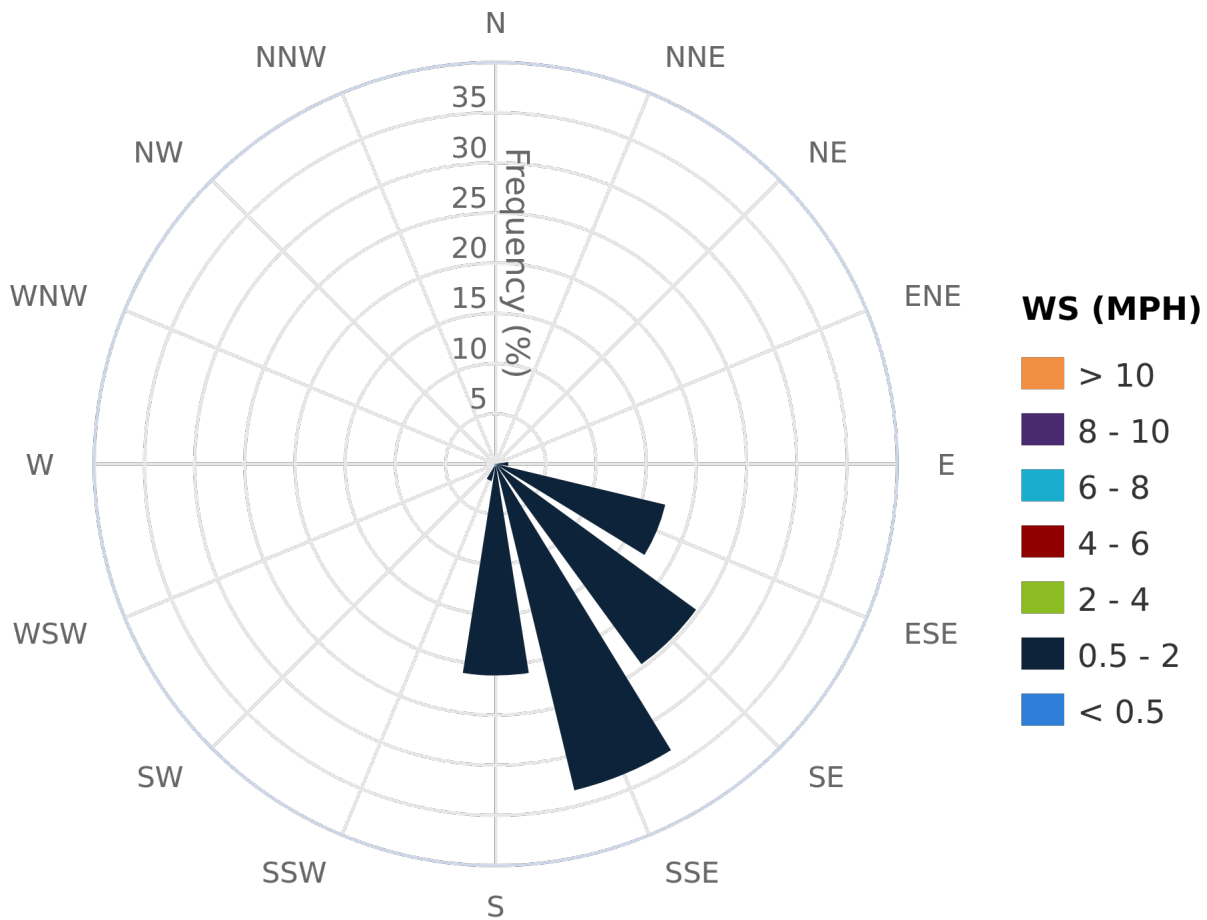


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

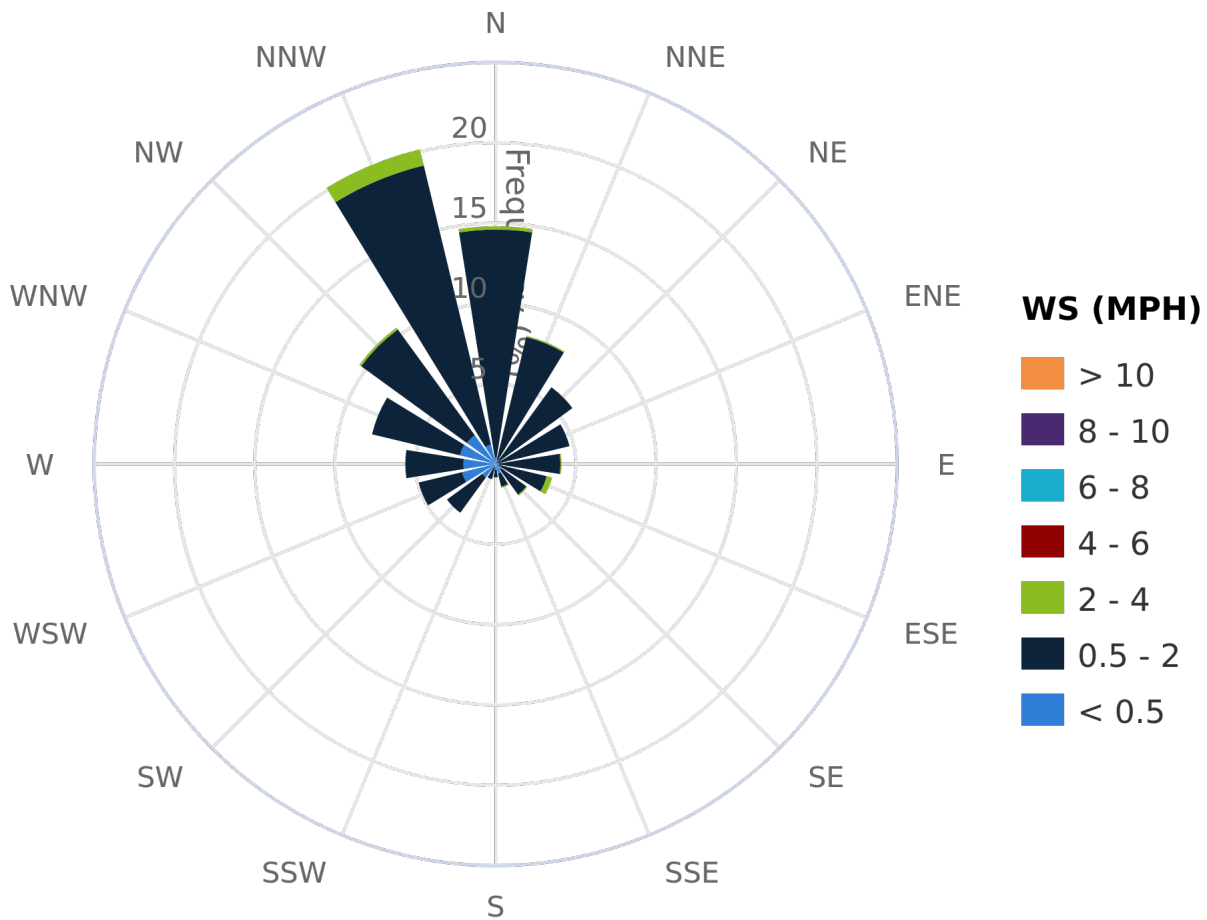


Figure 3 : Wind Rose Chart (WS in MPH)



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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	14.3	13.7	11.4	13.8	8.0	9.0	8.1	6.4	0.000	0.000	0.004	0.000
00:15:00	13.9	13.9	11.4	12.6	7.8	9.1	7.2	6.1	0.000	0.000	0.003	0.000
00:30:00	13.7	14.8	11.6	12.1	7.2	9.9	6.7	6.2	0.000	0.000	0.002	0.000
00:45:00	17.9	15.4	12.6	11.6	11.4	10.2	6.6	6.1	0.000	0.000	0.004	0.000
01:00:00	16.9	15.1	11.5	10.7	10.8	9.6	6.0	5.7	0.000	0.000	0.001	0.000
01:15:00	18.3	16.0	10.6	10.7	12.0	10.2	5.8	5.5	0.000	0.000	0.001	0.000
01:30:00	22.5	15.5	10.0	11.1	14.8	9.7	5.9	5.3	0.000	0.000	0.001	0.000
01:45:00	12.1	14.4	11.8	10.3	6.9	9.0	5.5	5.5	0.000	0.000	0.000	0.000
02:00:00	11.6	13.8	10.4	10.1	6.4	8.8	5.5	5.2	0.000	0.000	0.000	0.000
02:15:00	11.3	13.5	10.5	9.8	6.3	8.8	5.3	5.1	0.000	0.000	0.000	0.000
02:30:00	10.8	13.3	10.9	10.0	6.0	8.7	5.2	5.1	0.000	0.000	0.000	0.000
02:45:00	10.4	12.4	9.9	9.9	5.8	8.2	5.1	5.0	0.000	0.000	0.000	0.000
03:00:00	10.5	12.0	9.8	9.8	6.0	8.0	5.2	5.0	0.000	0.000	0.000	0.000
03:15:00	10.6	12.2	10.2	10.1	6.1	8.2	5.5	4.8	0.000	0.000	0.000	0.000
03:30:00	11.3	12.2	11.0	10.0	6.5	8.2	5.2	5.0	0.000	0.000	0.000	0.000
03:45:00	12.5	12.2	9.8	10.5	7.2	8.3	5.5	5.2	0.000	0.000	0.000	0.000
04:00:00	13.9	12.7	10.4	10.2	8.7	8.6	5.6	5.1	0.000	0.000	0.000	0.000
04:15:00	14.8	13.2	11.4	10.4	9.1	8.9	5.5	5.5	0.000	0.000	0.000	0.000
04:30:00	15.3	13.7	11.1	11.3	9.5	9.1	6.0	5.6	0.000	0.000	0.000	0.000
04:45:00	15.7	14.3	11.5	12.6	9.8	9.5	6.2	6.1	0.000	0.000	0.000	0.000
05:00:00	16.4	15.4	11.9	14.2	10.3	10.2	6.4	6.3	0.000	0.000	0.000	0.000
05:15:00	17.0	17.1	11.5	13.1	10.9	11.6	6.7	6.4	0.000	0.000	0.000	0.000
05:30:00	16.7	19.3	11.8	13.8	10.8	13.3	7.8	6.3	0.000	0.000	0.000	0.000
05:45:00	16.9	19.3	12.0	13.6	10.9	13.4	7.4	6.4	0.000	0.000	0.000	0.000
06:00:00	18.7	22.1	13.3	16.0	11.9	15.8	9.7	7.1	0.000	0.000	0.000	0.000
06:15:00	21.8	24.8	15.2	17.6	13.7	18.0	10.8	8.8	0.000	0.000	0.000	0.000
06:30:00	26.4	30.0	22.9	20.3	17.0	22.6	13.6	15.6	0.000	0.000	0.000	0.000
06:45:00	27.8	37.1	25.2	23.5	19.6	29.9	17.0	18.8	0.000	0.000	0.000	0.000
07:00:00	30.2	43.4	27.5	25.6	22.6	35.8	19.5	21.3	0.000	0.000	0.000	0.000
07:15:00	37.8	50.1	34.0	31.2	29.3	41.8	24.8	27.0	0.000	0.000	0.000	0.000
07:30:00	40.7	54.7	37.6	33.7	31.9	46.1	27.3	30.0	0.000	0.000	0.000	0.000
07:45:00	40.4	55.1	37.4	35.7	32.3	47.2	29.0	30.4	0.000	0.000	0.000	0.000
08:00:00	36.3	51.3	33.8	31.7	29.2	44.7	26.7	27.9	0.000	0.000	0.000	0.000
08:15:00	27.2	43.3	26.1	24.8	23.4	38.9	21.4	22.4	0.000	0.000	0.000	0.000
08:30:00	20.2	35.1	20.8	19.8	17.8	32.2	17.5	18.3	0.000	0.000	0.000	0.000
08:45:00	17.1	29.0	18.0	17.3	15.0	26.8	14.9	15.5	0.000	0.000	0.000	0.000
09:00:00	16.8	25.4	17.3	16.7	14.2	23.0	14.2	14.9	0.000	0.000	0.000	0.000
09:15:00	18.5	23.9	18.6	17.8	15.1	21.1	14.8	15.6	0.000	0.000	0.000	0.000
09:30:00	26.0	27.6	22.1	21.3	17.4	23.7	16.1	16.8	0.000	0.000	0.000	0.000
09:45:00	28.1	31.7	25.6	26.4	18.5	25.3	17.1	17.5	0.000	0.000	0.000	0.000
10:00:00	29.1	34.8	27.5	29.0	18.6	25.3	17.6	17.7	0.000	0.000	0.000	0.000
10:15:00	33.9	34.7	29.7	30.9	19.4	24.3	18.1	18.5	0.000	0.000	0.000	0.000
10:30:00	33.6	35.2	30.7	32.3	19.3	23.9	18.7	18.6	0.000	0.000	0.000	0.000
10:45:00	35.6	35.8	31.6	32.8	20.0	23.6	18.4	18.8	0.000	0.000	0.000	0.000
11:00:00	33.4	34.8	30.2	30.9	18.4	22.7	17.2	17.9	0.000	0.000	0.000	0.000
11:15:00	33.2	33.9	30.9	30.9	17.4	21.4	16.5	17.6	0.000	0.000	0.000	0.000
11:30:00	31.5	31.9	28.2	29.9	16.4	20.0	15.5	16.1	0.000	0.002	0.000	0.000
11:45:00	29.7	30.7	27.5	25.0	15.5	19.4	13.3	15.3	0.000	0.001	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	27.7	29.4	26.2	26.9	14.3	18.5	14.1	14.4	0.000	0.000	0.000	0.000
12:15:00	28.9	28.4	25.8	26.7	14.7	17.8	13.9	14.1	0.002	0.005	0.000	0.002
12:30:00	35.3	27.9	24.3	26.1	14.7	17.0	13.3	13.2	0.007	0.010	0.000	0.008
12:45:00	26.8	26.9	22.8	24.0	13.5	16.3	12.5	12.4	0.011	0.015	0.000	0.011
13:00:00	25.4	25.2	21.0	22.9	12.7	15.2	11.8	11.7	0.011	0.018	0.000	0.013
13:15:00	25.4	25.4	22.5	23.9	13.1	15.5	12.4	12.5	0.011	0.024	0.000	0.013
13:30:00	26.7	27.2	23.7	24.7	14.0	17.1	13.1	13.2	0.011	0.025	0.000	0.014
13:45:00	27.1	29.4	24.4	25.5	14.4	19.0	13.8	13.7	0.012	0.024	0.000	0.017
14:00:00	28.8	28.2	24.6	26.4	14.4	17.5	13.8	13.7	0.010	0.027	0.000	0.017
14:15:00	30.0	28.4	25.6	26.8	14.5	17.0	13.8	13.7	0.010	0.022	0.000	0.014
14:30:00	29.2	29.4	26.0	27.5	14.7	17.9	13.9	13.9	0.010	0.023	0.000	0.013
14:45:00	29.9	29.0	25.8	27.1	14.7	17.3	13.9	13.9	0.004	0.020	0.000	0.012
15:00:00	28.3	29.9	24.9	27.1	14.3	18.3	13.9	13.6	0.000	0.019	0.000	0.009
15:15:00	27.2	27.5	23.9	26.0	13.8	16.2	13.4	12.9	0.000	0.018	0.000	0.008
15:30:00	26.4	26.7	23.3	25.2	13.5	15.6	13.0	12.7	0.000	0.015	0.000	0.006
15:45:00	28.4	25.4	22.2	24.0	13.2	15.0	12.4	12.0	0.000	0.015	0.000	0.011
16:00:00	24.9	24.1	23.3	23.7	12.7	14.0	12.2	12.1	0.000	0.015	0.000	0.009
16:15:00	40.6	24.4	22.4	24.1	14.4	14.0	12.3	12.1	0.000	0.011	0.000	0.010
16:30:00	25.2	24.7	22.0	23.7	12.7	14.2	12.1	11.8	0.000	0.009	0.000	0.012
16:45:00	24.5	27.4	21.5	23.4	12.4	16.8	11.9	11.5	0.000	0.012	0.000	0.008
17:00:00	23.9	26.7	21.6	23.0	12.3	15.9	11.7	11.4	0.000	0.010	0.000	0.007
17:15:00	24.3	29.6	21.7	22.8	12.3	18.7	11.7	11.4	0.001	0.006	0.000	0.004
17:30:00	50.0	30.8	23.6	24.3	16.4	19.4	12.4	12.3	0.002	0.009	0.000	0.004
17:45:00	29.1	29.0	25.6	29.1	14.5	16.3	14.7	13.5	0.004	0.003	0.000	0.003
18:00:00	34.8	31.9	28.5	30.7	15.9	18.2	15.0	14.9	0.004	0.002	0.000	0.004
18:15:00	32.7	30.9	30.5	32.0	16.3	17.1	15.9	15.6	0.003	0.000	0.000	0.003
18:30:00	34.6	32.5	30.7	33.3	17.4	17.9	16.7	16.2	0.001	0.000	0.000	0.001
18:45:00	36.2	34.0	31.9	34.2	18.3	19.0	17.5	16.9	0.002	0.000	0.000	0.000
19:00:00	40.2	35.6	36.4	38.5	20.1	19.9	19.3	18.9	0.000	0.001	0.000	0.000
19:15:00	43.0	37.8	38.7	40.4	22.1	21.4	20.8	20.7	0.000	0.000	0.000	0.000
19:30:00	43.3	39.3	38.5	41.2	23.3	22.7	22.0	21.6	0.000	0.000	0.000	0.000
19:45:00	51.9	38.5	42.3	45.2	25.4	23.2	24.1	23.6	0.000	0.000	0.000	0.000
20:00:00	48.0	41.7	42.3	46.3	25.6	24.6	24.4	23.7	0.000	0.000	0.000	0.000
20:15:00	43.7	43.7	37.3	39.0	24.4	25.7	21.9	21.9	0.000	0.000	0.000	0.000
20:30:00	40.4	40.4	36.6	38.4	22.9	24.4	21.5	21.6	0.000	0.000	0.000	0.000
20:45:00	46.4	36.4	45.5	48.7	24.8	22.6	25.2	24.6	0.000	0.000	0.000	0.000
21:00:00	46.4	40.0	38.9	41.8	25.4	23.9	23.4	22.7	0.000	0.000	0.000	0.000
21:15:00	37.7	38.1	33.0	35.3	22.2	23.3	21.3	20.3	0.000	0.000	0.000	0.000
21:30:00	35.4	33.7	32.8	35.8	21.6	21.5	21.9	20.8	0.000	0.000	0.000	0.000
21:45:00	34.4	32.5	30.0	32.4	21.6	20.8	20.4	19.5	0.000	0.000	0.000	0.000
22:00:00	31.6	31.3	28.2	30.7	20.0	20.2	19.4	18.6	0.000	0.000	0.000	0.000
22:15:00	28.8	29.2	25.7	28.3	18.3	19.2	17.9	16.8	0.000	0.000	0.000	0.000
22:30:00	27.6	27.8	23.9	26.1	17.7	18.7	16.7	15.9	0.000	0.000	0.000	0.000
22:45:00	25.2	27.5	22.3	24.6	16.9	18.7	16.1	15.2	0.000	0.000	0.000	0.000
23:00:00	26.0	27.1	22.2	24.1	17.7	18.6	15.9	15.5	0.000	0.000	0.000	0.000
23:15:00	26.1	27.1	22.5	24.7	17.8	18.6	16.4	15.3	0.000	0.000	0.000	0.000
23:30:00	24.6	27.1	22.5	25.0	16.8	18.6	16.3	15.3	0.000	0.000	0.000	0.000
23:45:00	24.7	25.6	21.2	23.4	16.5	17.6	15.6	14.7	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)
07:00:00						35.8						
07:15:00						41.8						
07:30:00						46.1						
07:45:00						47.2						
08:00:00						44.7						
08:15:00						38.9						