



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-21

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1000 Max : 15.30	2943 E	2693 SSW	2996 SW	2997 WNW	Min : 52.70 Max : 89.96	Min : 42.60 Max : 88.60	Min : 30.01 Max : 30.26

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)
2693	15.1	21.0	11.1	17.3	0.001	0.004
2943	27.6	160.3	11.5	26.3	-0.058	0.016
2996	21.5	57.4	10.8	18.1	0.001	0.010
2997	24.9	105.7	12.1	23.0	0.001	0.017



Figure 1 : Monitoring Locations

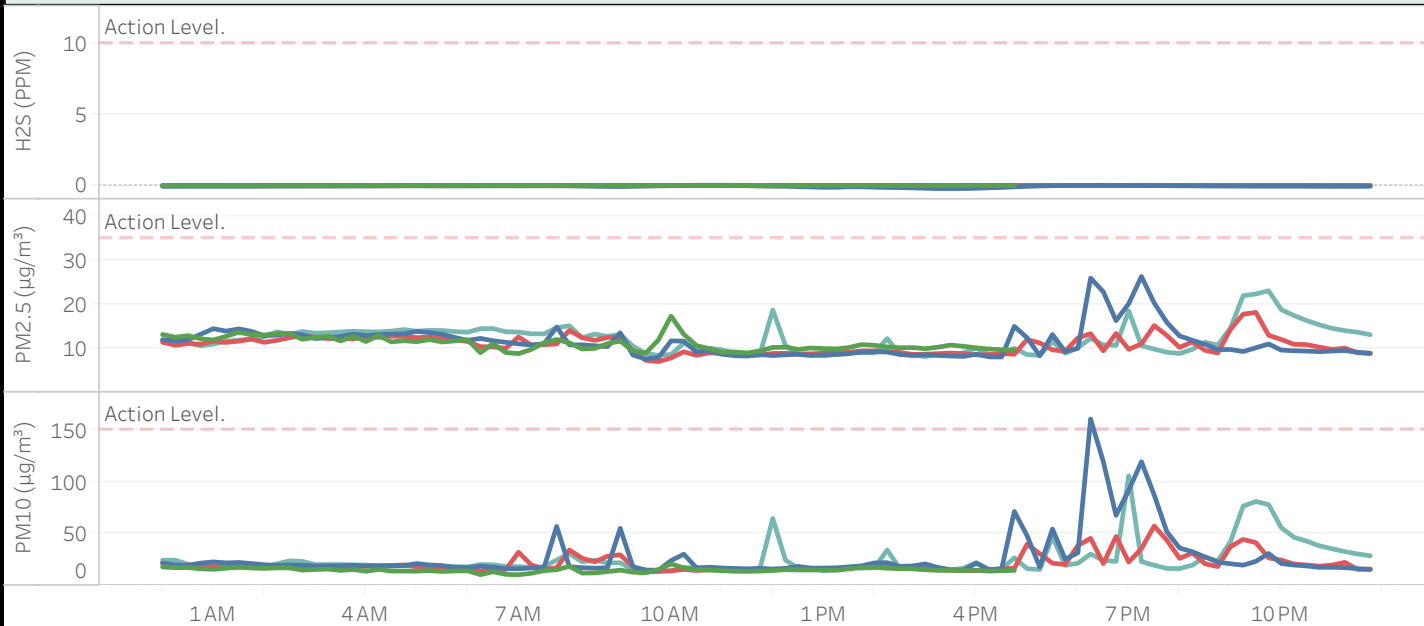


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

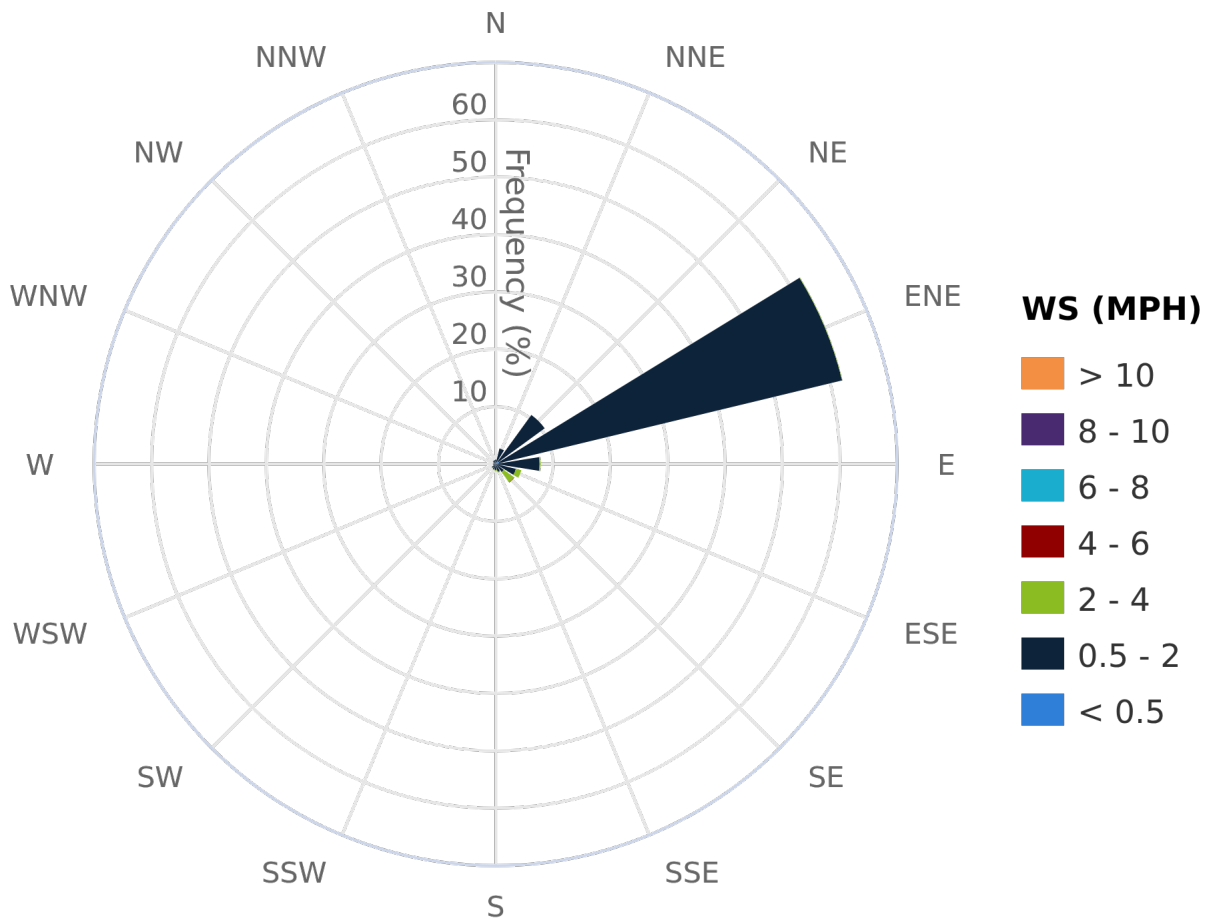


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

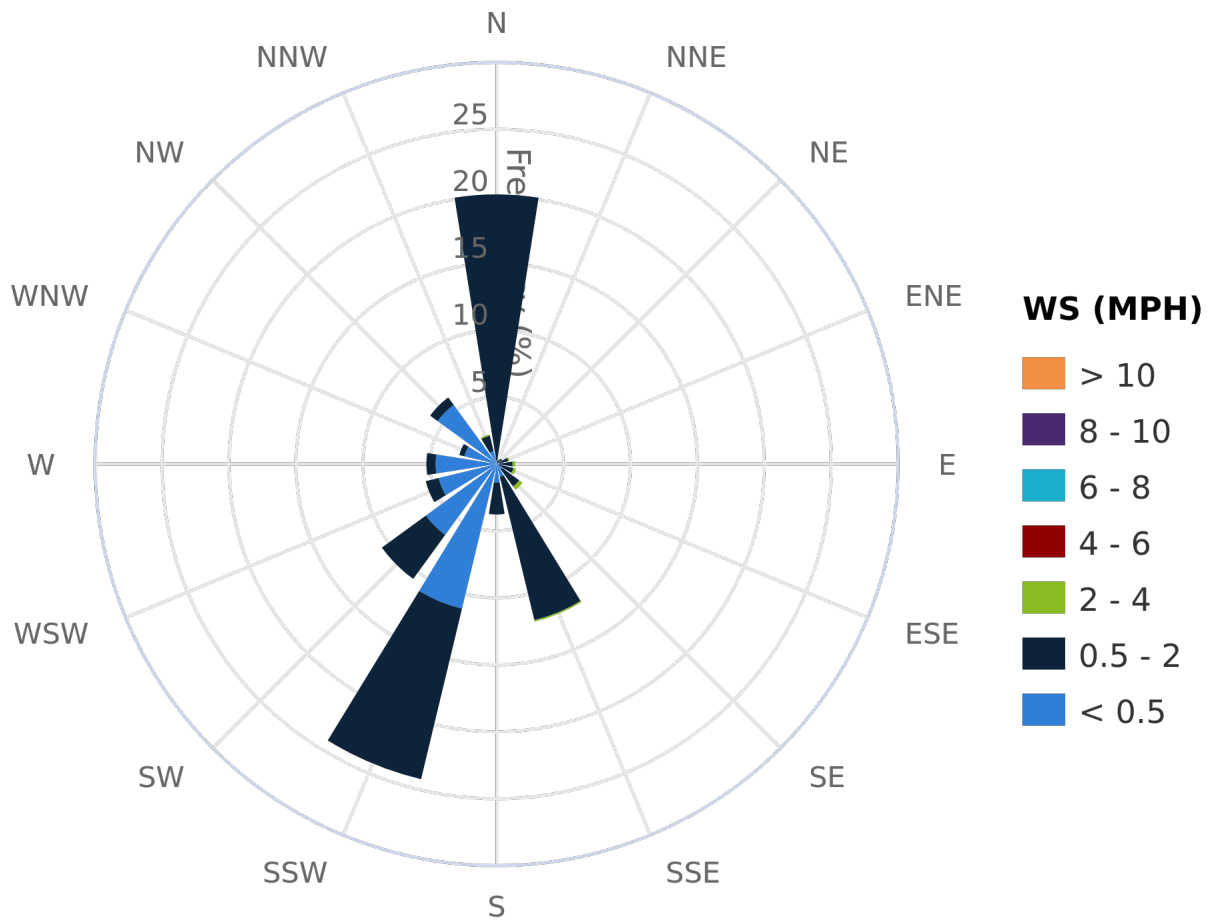


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

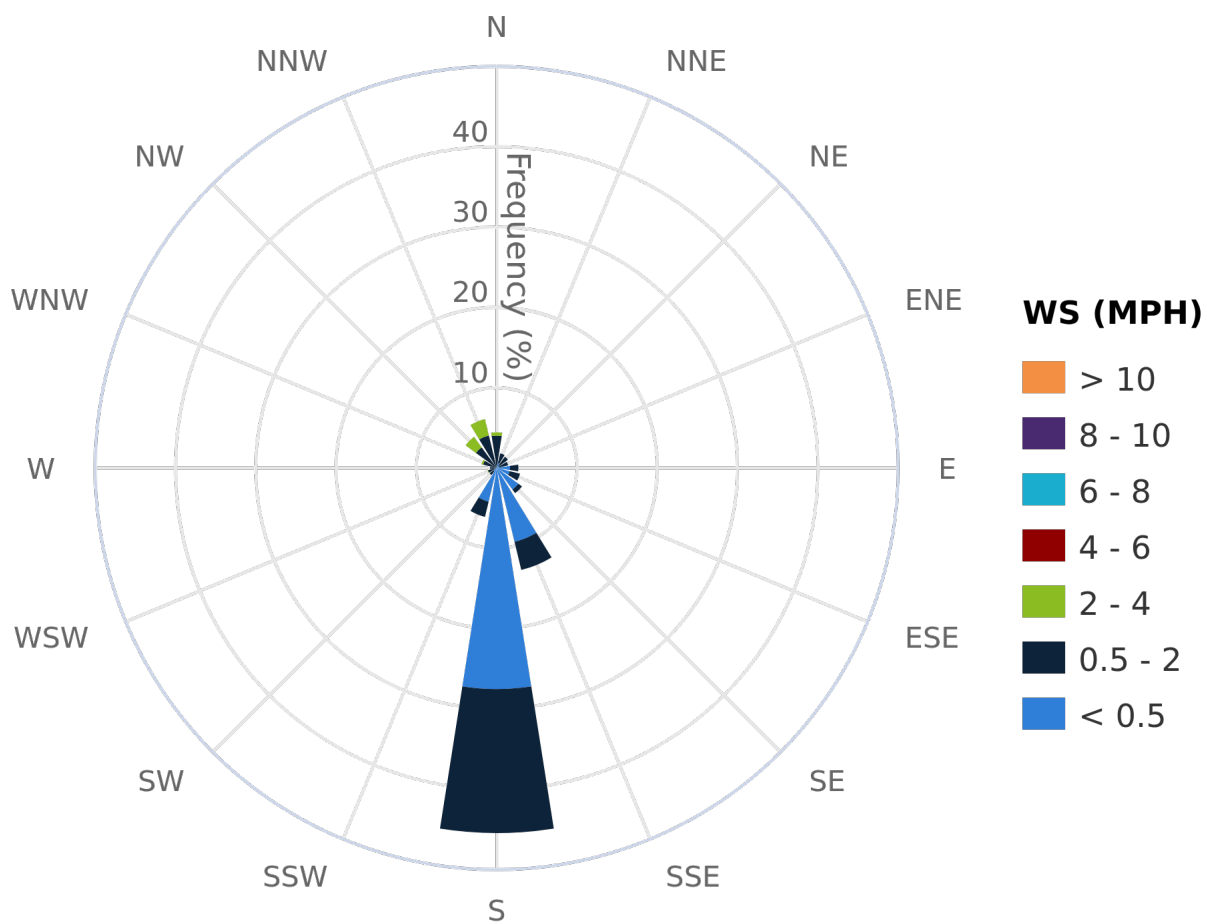


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

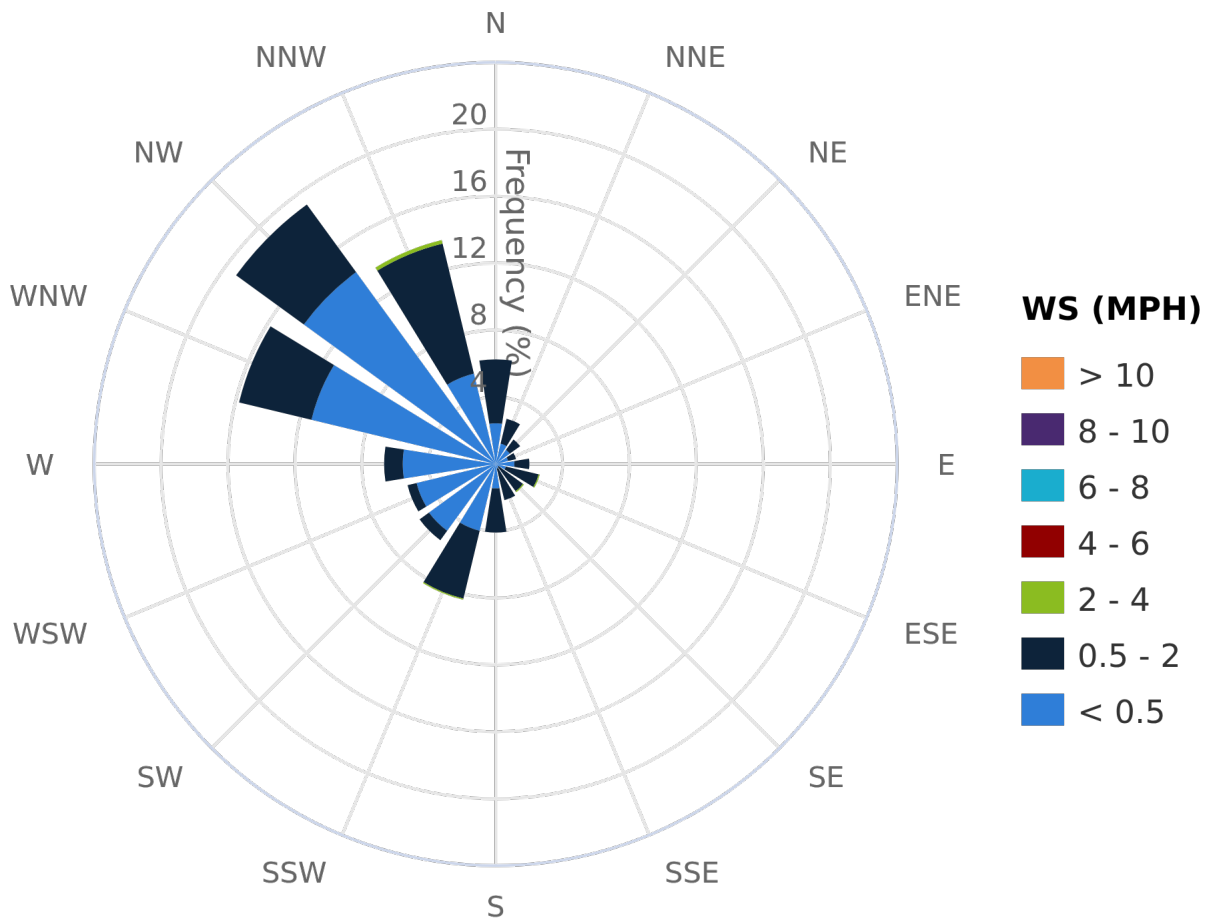


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	21.8	18.1	24.6	21.7	12.0	13.1	11.4	11.8	-0.066	0.000	0.000	0.000
00:15:00	20.2	17.4	24.6	18.6	11.7	12.5	10.7	12.0	-0.064	0.000	0.000	0.000
00:30:00	19.7	17.5	20.7	20.1	11.9	12.9	11.1	11.3	-0.062	0.000	0.000	0.000
00:45:00	21.8	16.3	17.5	18.4	13.2	12.2	10.9	10.6	-0.061	0.000	0.000	0.000
01:00:00	22.9	15.8	17.2	18.6	14.4	11.9	11.6	11.0	-0.065	0.000	0.000	0.000
01:15:00	22.0	16.9	18.3	18.2	13.9	12.7	11.3	11.6	-0.063	0.000	0.000	0.000
01:30:00	22.4	17.7	17.9	18.6	14.4	13.6	11.6	11.8	-0.062	0.000	0.000	0.000
01:45:00	21.4	17.0	18.0	19.0	13.8	13.1	12.1	12.2	-0.063	0.001	0.000	0.000
02:00:00	20.2	16.7	18.3	18.0	12.8	13.0	11.4	12.6	-0.056	-0.001	0.000	0.000
02:15:00	19.6	17.2	21.1	18.8	13.0	13.3	11.8	13.7	-0.051	-0.001	0.000	0.000
02:30:00	19.9	17.1	24.0	19.0	13.4	13.3	12.4	13.2	-0.051	0.000	0.000	0.000
02:45:00	19.6	15.1	23.5	19.7	13.1	12.0	12.9	13.8	-0.050	0.000	0.000	0.000
03:00:00	18.6	15.6	20.4	19.2	12.2	12.5	12.5	13.5	-0.048	0.001	0.000	0.000
03:15:00	19.2	16.0	20.3	18.6	12.5	12.7	12.3	13.5	-0.048	0.000	0.000	0.000
03:30:00	19.1	14.8	20.4	18.6	12.7	11.7	12.2	13.7	-0.045	0.000	0.000	0.000
03:45:00	19.7	15.6	20.1	18.4	13.2	12.8	12.2	13.9	-0.042	0.000	0.000	0.000
04:00:00	19.1	13.9	19.9	18.7	12.9	11.6	12.6	13.8	-0.043	0.000	0.000	0.000
04:15:00	19.1	15.8	19.3	19.0	13.1	12.9	12.5	13.7	-0.039	0.000	0.000	0.000
04:30:00	19.0	14.1	19.3	19.5	13.2	11.5	12.8	13.9	-0.035	0.000	0.000	0.000
04:45:00	19.5	14.2	19.5	20.0	13.3	11.7	12.7	14.3	-0.030	0.000	0.000	0.000
05:00:00	21.3	14.0	18.6	18.5	13.8	11.5	12.4	13.9	-0.029	0.000	0.000	0.000
05:15:00	20.0	14.6	19.0	18.2	13.6	12.0	12.5	14.1	-0.033	0.000	0.000	0.000
05:30:00	19.4	13.8	18.7	17.5	13.2	11.4	12.3	14.0	-0.036	0.001	0.000	0.000
05:45:00	17.7	14.2	18.4	17.1	12.5	11.7	11.9	13.8	-0.034	0.000	0.000	0.000
06:00:00	17.3	14.4	18.2	17.6	11.8	12.0	11.6	13.7	-0.033	0.000	0.000	0.000
06:15:00	18.8	10.7	20.4	14.3	12.3	9.0	10.4	14.5	-0.031	0.000	0.000	0.000
06:30:00	17.9	13.5	20.2	15.0	11.7	11.1	10.3	14.5	-0.027	0.001	0.000	0.000
06:45:00	16.5	11.0	18.5	15.6	11.4	9.1	10.0	13.8	-0.026	0.001	0.000	0.000
07:00:00	16.3	10.6	18.4	32.2	11.0	8.8	12.6	13.7	-0.028	0.001	0.000	0.000
07:15:00	17.2	12.0	17.6	20.1	10.8	9.8	10.7	13.3	-0.027	0.001	0.000	0.000
07:30:00	17.1	14.6	18.4	16.0	11.0	11.3	10.8	13.3	-0.026	0.000	0.000	0.000
07:45:00	57.1	15.4	24.7	17.2	14.8	12.0	11.0	14.7	-0.029	0.000	0.000	0.000
08:00:00	18.4	18.7	30.9	34.4	10.8	11.3	14.1	15.1	-0.032	0.000	0.000	0.000
08:15:00	17.4	12.2	23.1	26.5	10.8	9.9	12.4	12.4	-0.047	0.000	0.000	0.000
08:30:00	16.9	12.4	24.5	23.0	10.6	10.0	11.8	13.2	-0.060	0.000	0.000	0.000
08:45:00	17.3	13.6	21.9	28.5	10.4	11.1	12.5	12.7	-0.069	0.001	0.000	0.000
09:00:00	55.2	15.0	22.1	29.8	13.5	11.7	12.5	13.2	-0.076	0.000	0.000	0.000
09:15:00	18.2	13.1	15.6	18.4	8.5	9.4	9.4	10.5	-0.064	0.001	0.000	0.000
09:30:00	15.2	12.4	13.7	13.8	7.6	8.9	7.3	8.9	-0.045	0.001	0.000	0.000
09:45:00	14.9	15.6	14.6	13.7	7.9	11.9	7.0	8.4	-0.031	0.001	0.000	0.000
10:00:00	24.2	21.0	14.5	14.3	11.7	17.3	7.8	8.6	-0.019	0.000	0.000	0.000
10:15:00	30.4	17.3	17.6	15.7	11.6	13.2	9.2	11.2	0.000	-0.001	0.000	0.000
10:30:00	17.2	15.4	16.9	14.7	9.2	10.6	8.4	10.0	0.012	0.001	0.000	0.002
10:45:00	17.9	15.1	16.8	15.4	9.4	9.9	9.0	10.0	0.016	0.001	0.000	0.010
11:00:00	17.1	14.5	16.4	15.5	8.7	9.1	8.9	9.7	0.009	0.001	0.000	0.017
11:15:00	16.7	14.0	15.2	15.3	8.3	9.2	8.7	9.0	0.001	0.002	0.000	0.012
11:30:00	16.3	13.8	15.2	15.0	8.3	9.0	8.4	8.7	-0.023	0.003	0.000	0.003
11:45:00	16.7	14.1	16.9	15.1	8.6	9.4	8.5	8.8	-0.041	0.003	0.000	0.000



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	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	16.1	14.7	64.8	15.4	8.4	10.2	8.9	18.7	-0.056	0.004	0.000	0.000
12:15:00	16.8	15.5	24.6	15.7	8.5	10.3	8.9	10.6	-0.059	0.004	0.000	0.000
12:30:00	18.6	15.2	16.9	15.9	8.7	9.8	8.7	8.7	-0.084	0.004	0.000	0.000
12:45:00	16.9	15.2	16.9	15.8	8.4	10.1	8.8	8.7	-0.106	0.004	0.000	0.000
13:00:00	17.0	15.1	14.4	16.2	8.6	10.0	8.9	8.3	-0.131	0.004	0.000	0.000
13:15:00	17.2	14.9	16.0	16.2	8.6	9.9	9.0	8.7	-0.125	0.004	0.000	0.000
13:30:00	18.2	16.2	17.9	17.0	8.8	10.2	9.2	9.1	-0.093	0.004	0.000	0.000
13:45:00	19.2	17.6	16.9	17.9	9.2	10.9	9.4	9.0	-0.097	0.004	0.000	0.000
14:00:00	22.0	17.7	17.4	18.3	9.2	10.7	9.4	9.0	-0.122	0.003	0.000	0.000
14:15:00	22.2	16.9	34.3	17.6	9.2	10.3	9.3	12.2	-0.142	0.002	0.000	0.000
14:30:00	18.6	16.4	16.4	17.3	8.6	10.1	9.1	8.6	-0.152	0.002	0.000	0.000
14:45:00	19.1	16.3	17.1	16.2	8.4	10.2	8.6	8.5	-0.171	0.002	0.000	0.000
15:00:00	21.0	15.4	15.4	16.6	8.6	9.9	8.7	8.1	-0.197	0.002	0.000	0.000
15:15:00	17.6	14.8	16.0	15.2	8.4	10.3	8.8	8.7	-0.219	0.002	0.000	0.000
15:30:00	15.4	14.9	15.1	15.2	8.3	10.7	8.9	8.6	-0.221	0.001	0.000	0.000
15:45:00	15.0	14.7	16.9	14.6	8.2	10.5	8.8	9.0	-0.217	0.001	0.000	0.000
16:00:00	21.7	15.0	22.3	14.4	8.7	10.1	8.5	10.1	-0.196	0.001	0.000	0.000
16:15:00	15.6	14.1	15.5	15.4	8.1	9.9	8.6	8.5	-0.163	0.001	0.000	0.000
16:30:00	16.2	14.5	16.0	16.4	8.0	9.7	8.8	8.8	-0.138	0.001	0.000	0.000
16:45:00	71.4	14.8	26.9	16.8	15.0	9.6	8.7	10.0	-0.097	0.000	0.000	0.000
17:00:00	48.3		16.4	40.0	12.4		12.0	8.6	-0.064		0.000	0.002
17:15:00	18.0		15.7	30.8	8.3		11.2	8.4	-0.035		0.000	0.006
17:30:00	54.6		47.1	21.7	13.1		9.7	11.6	-0.015		0.000	0.007
17:45:00	25.6		19.6	20.4	9.3		9.4	8.9	0.000		0.000	0.008
18:00:00	31.7		21.6	38.7	10.0		12.4	10.2	0.007		0.000	0.003
18:15:00	160.3		30.5	45.6	25.9		13.3	12.3	0.008		0.000	0.003
18:30:00	119.3		24.4	21.3	22.8		9.4	10.8	0.011		0.004	0.003
18:45:00	67.7		23.4	47.4	16.3		13.4	10.7	0.003		0.005	0.000
19:00:00	91.9		105.7	22.8	20.1		9.8	18.5	-0.003		0.006	0.000
19:15:00	119.2		23.2	35.7	26.3		11.0	10.6	-0.007		0.010	0.000
19:30:00	87.4		19.7	57.4	20.3		15.2	9.8	-0.012		0.009	0.000
19:45:00	51.8		16.6	43.8	15.9		12.9	9.1	-0.017		0.006	0.000
20:00:00	36.3		16.5	26.3	12.8		10.2	8.8	-0.025		0.006	0.000
20:15:00	32.8		19.9	31.7	11.8		11.5	9.8	-0.028		0.005	0.000
20:30:00	27.7		27.6	21.1	10.9		9.5	11.4	-0.039		0.005	0.000
20:45:00	22.7		23.8	18.4	9.7		9.0	10.7	-0.043		0.002	0.000
21:00:00	21.1		42.5	37.6	9.8		14.3	14.6	-0.047		0.001	0.000
21:15:00	19.8		76.6	44.6	9.3		17.7	21.9	-0.048		0.001	0.000
21:30:00	23.5		81.1	41.5	10.1		18.1	22.3	-0.051		0.000	0.000
21:45:00	31.0		78.1	26.8	11.0		13.0	23.0	-0.053		0.000	0.000
22:00:00	21.4		55.8	24.7	9.6		12.0	18.7	-0.053		0.000	0.000
22:15:00	19.9		46.6	20.9	9.5		10.9	17.4	-0.053		0.000	0.000
22:30:00	19.0		42.8	19.9	9.4		10.9	16.3	-0.057		0.000	0.000
22:45:00	17.7		38.4	18.9	9.3		10.3	15.3	-0.060		0.000	0.000
23:00:00	17.8		35.6	19.9	9.4		9.8	14.5	-0.066		0.000	0.000
23:15:00	17.4		32.8	22.5	9.5		10.0	14.0	-0.067		0.000	0.000
23:30:00	16.5		30.6	15.7	9.1		9.0	13.7	-0.065		0.000	0.000
23:45:00	15.6		28.9	16.2	8.9		8.9	13.1	-0.061		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. 2693 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
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18:15:00 160.3