



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2025-11-15

**Table 1 : Weather Summary**

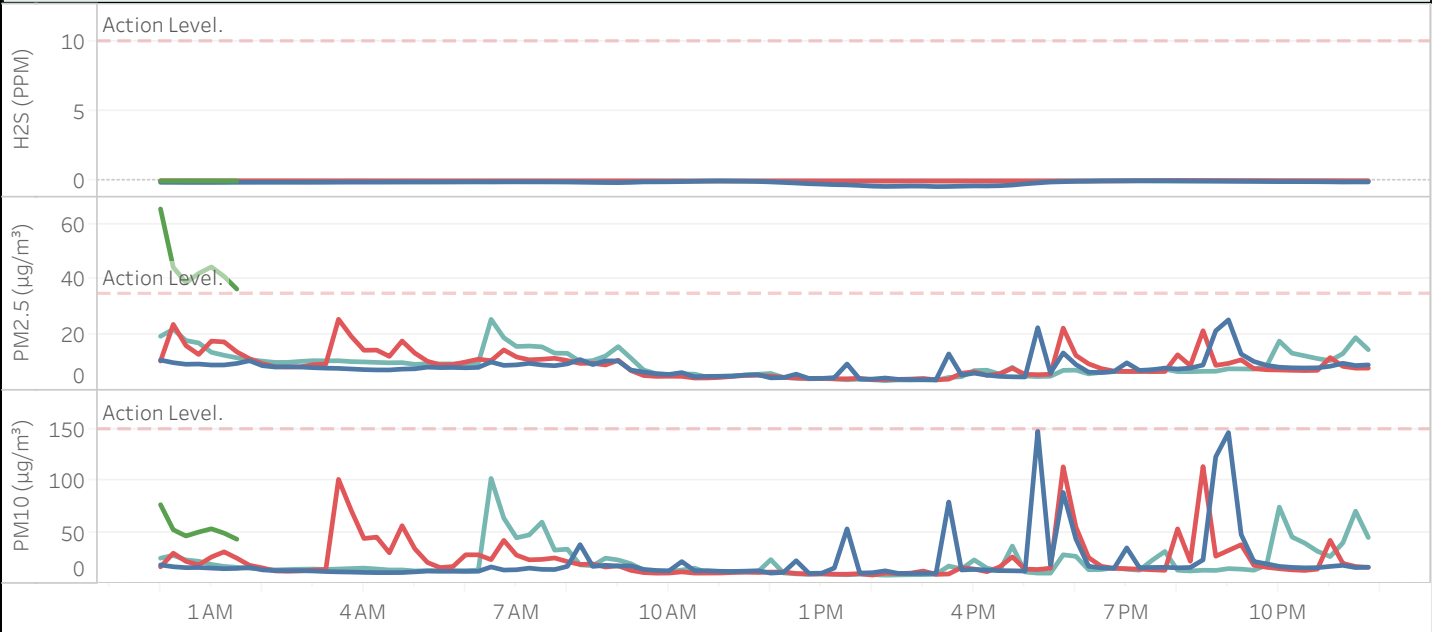
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1000 Max : 13.02	2943 E	2693 NNW	2996 SSW	2997 WNW	Min : 46.40 Max : 89.78	Min : 34.00 Max : 87.20	Min : 29.93 Max : 30.24

**Table 2 : Monitoring Summary**

Site Action Level :	PM10 : 150 µg/m <sup>3</sup>	PM2.5 : 35 µg/m <sup>3</sup>	H2S : 10 PPM			
AQ-SN	Avg. PM10 Daily (µg/m <sup>3</sup> )	Max. PM10-15-min Avg (µg/m <sup>3</sup> )	Avg. PM2.5 Daily (µg/m <sup>3</sup> )	Max. PM2.5-15-min Avg (µg/m <sup>3</sup> )	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2693	52.9	76.6	44.8	65.5	0.000	0.001
2943	21.1	147.6	8.3	25.5	-0.111	0.015
2996	22.5	113.5	9.3	25.7	0.006	0.034
2997	20.6	102.0	9.4	25.7	0.001	0.014



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2693      ■ 2943      ■ 2996      ■ 2997



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Wind Rose Chart 2943

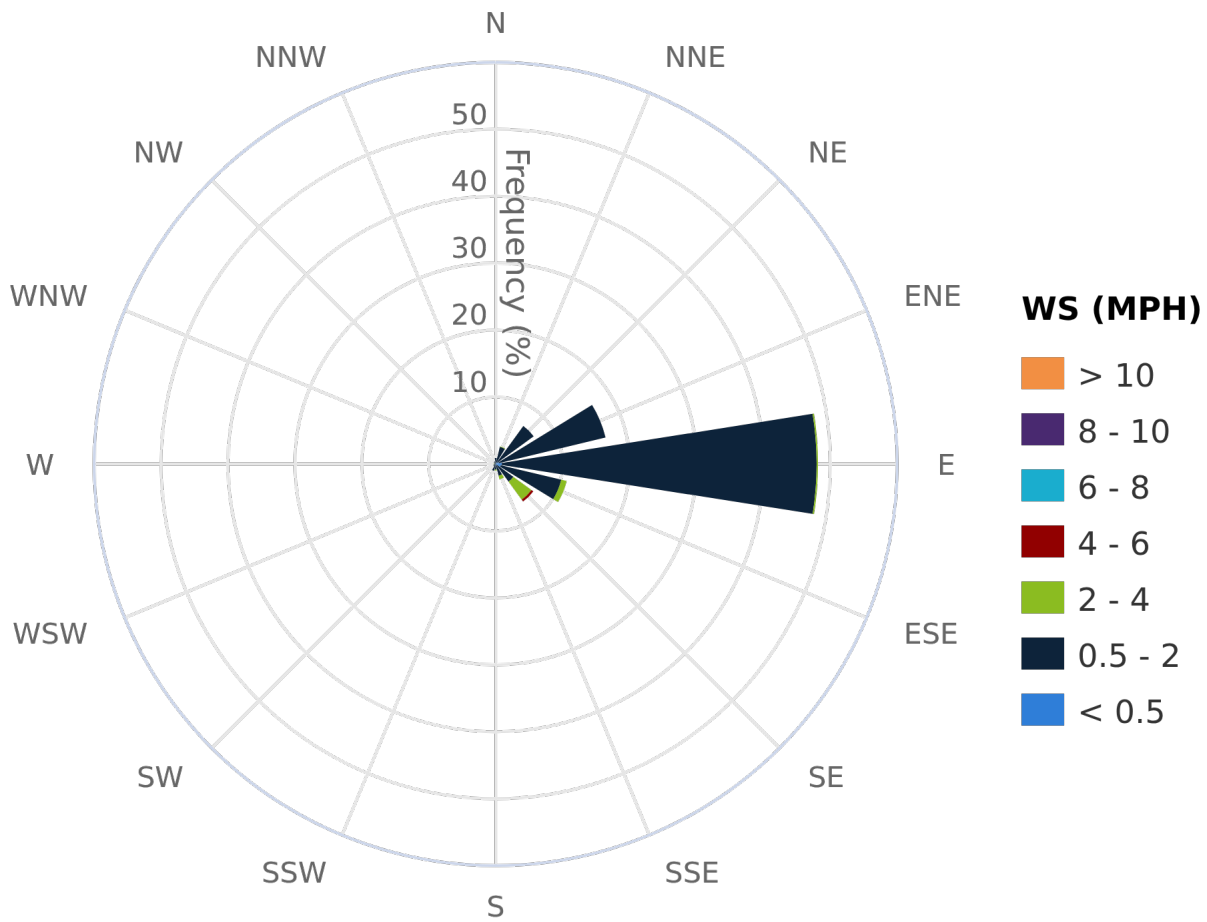


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-11-14

Wind Rose Chart 2693

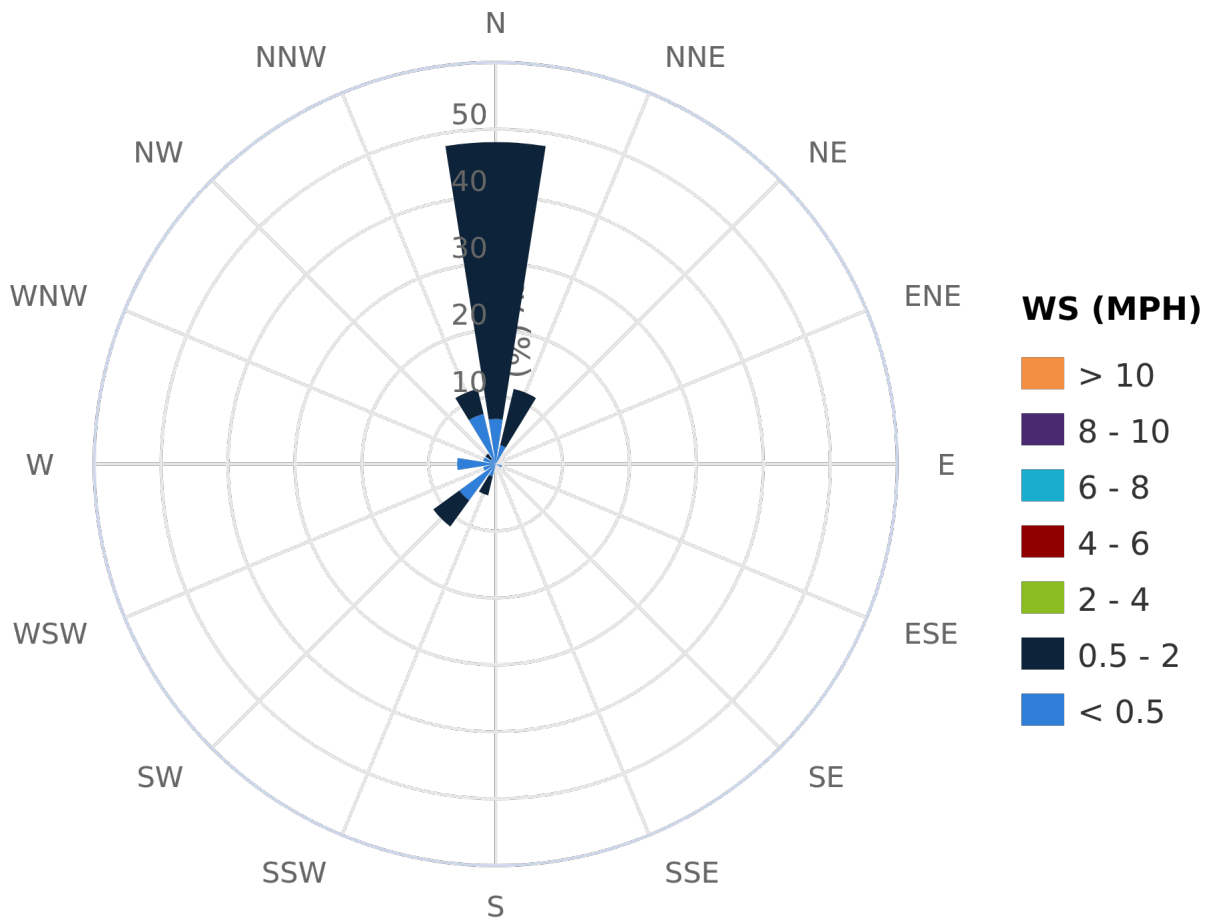


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-11-15

Wind Rose Chart 2996

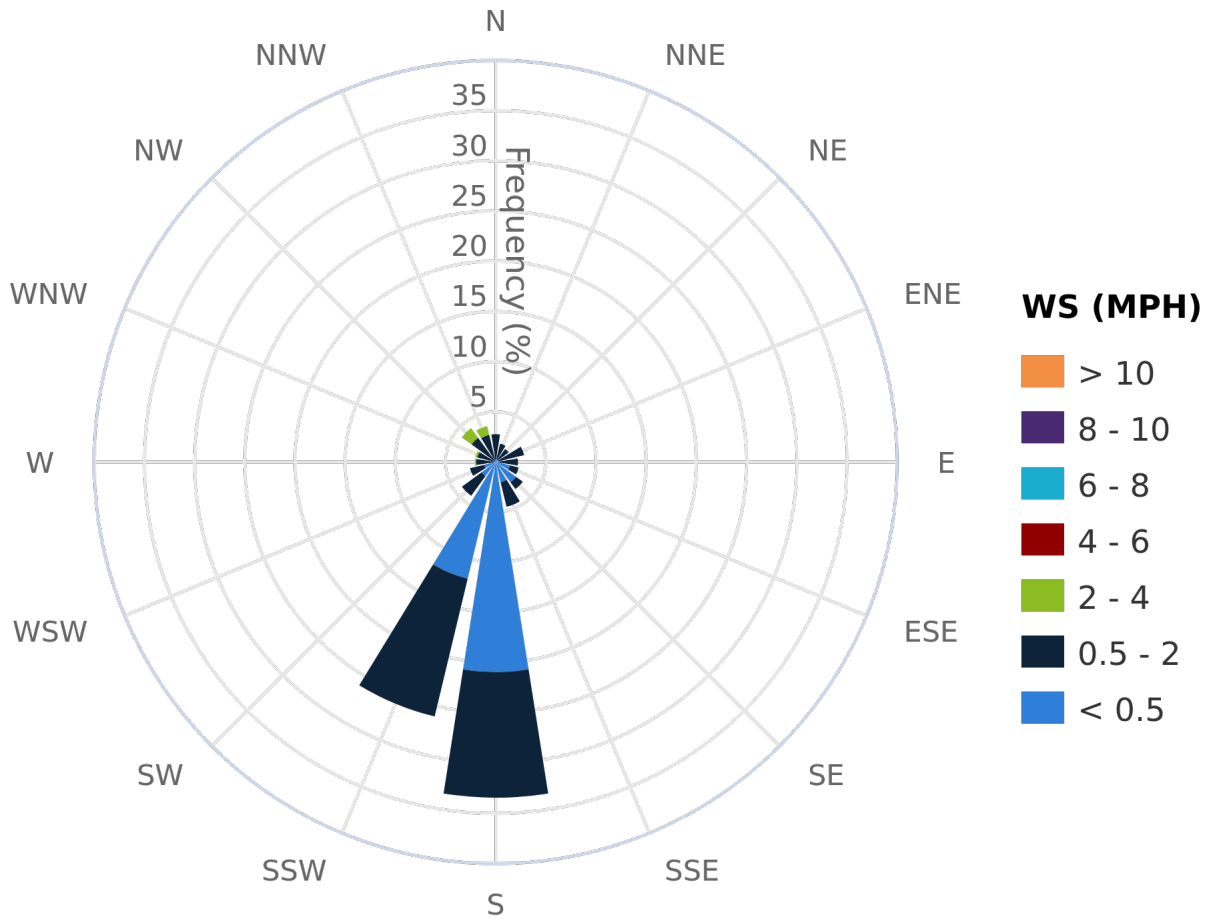


Figure 3 : Wind Rose Chart (WS in MPH)



# DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-15

Wind Rose Chart 2997

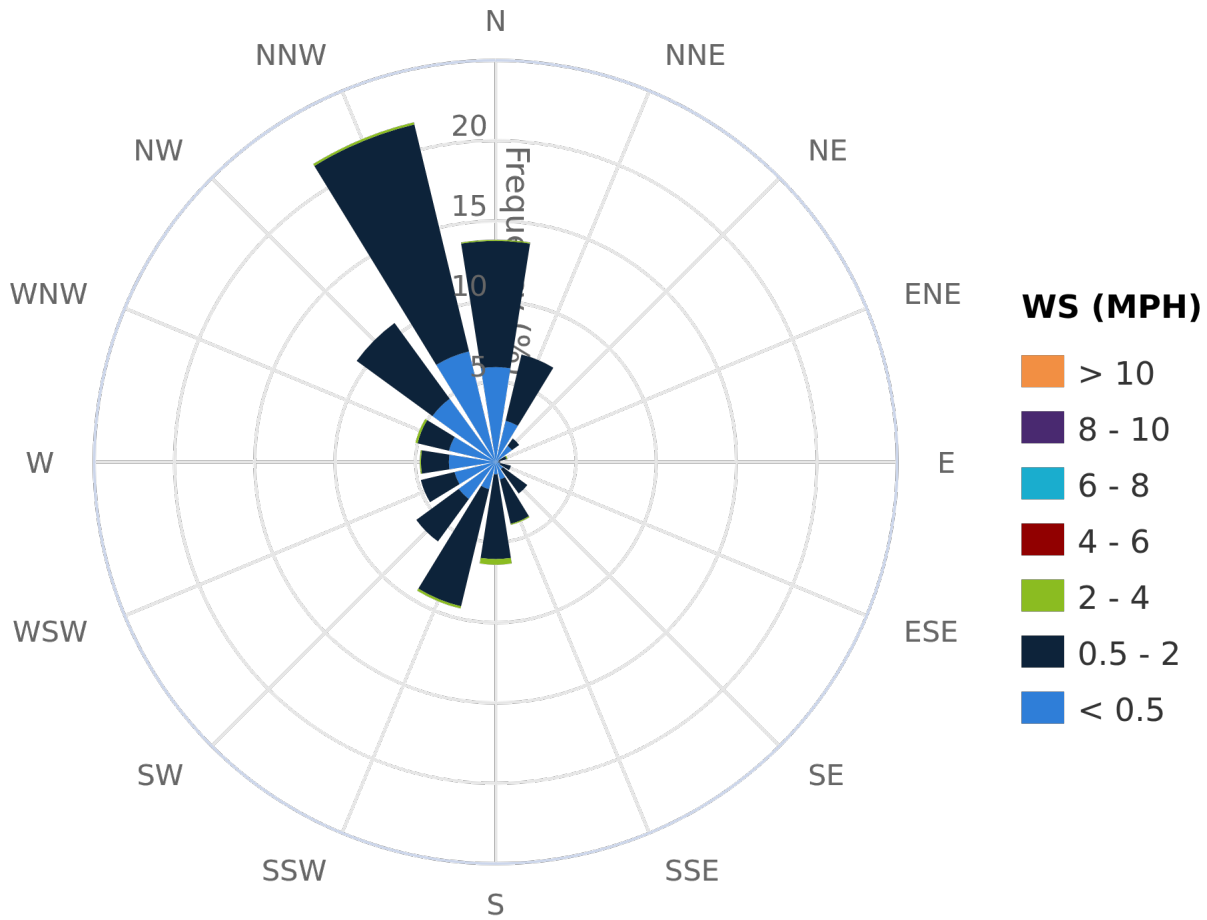


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-11-15

**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	18.2	76.6	24.8	16.4	11.0	65.5	10.7	19.6	-0.096	0.000	0.015	0.000
00:15:00	16.5	52.3	27.5	29.6	10.1	44.5	23.9	22.1	-0.099	0.000	0.014	0.000
00:30:00	15.6	46.3	23.1	21.7	9.5	38.9	16.2	18.1	-0.104	0.000	0.013	0.000
00:45:00	15.8	50.1	21.8	18.3	9.6	42.2	13.0	17.2	-0.104	0.001	0.010	0.000
01:00:00	15.2	53.2	18.7	25.9	9.2	44.6	17.8	13.8	-0.105	0.001	0.009	0.000
01:15:00	14.6	49.0	16.8	30.9	9.2	41.1	17.6	12.7	-0.102	-0.001	0.008	0.000
01:30:00	14.9	43.1	15.9	24.8	9.8	36.6	14.0	11.8	-0.096	0.000	0.008	0.000
01:45:00	15.8		15.0	17.9	10.8		11.5	11.2	-0.096		0.005	0.000
02:00:00	13.5		14.4	15.4	9.0		9.8	10.6	-0.094		0.006	0.000
02:15:00	12.7		13.4	12.5	8.5		8.6	10.2	-0.094		0.006	0.000
02:30:00	12.7		13.8	12.1	8.6		8.5	10.2	-0.093		0.005	0.000
02:45:00	12.7		14.1	12.4	8.5		8.6	10.5	-0.095		0.004	0.000
03:00:00	12.4		14.2	13.3	8.3		9.3	10.8	-0.095		0.002	0.000
03:15:00	11.8		13.9	13.7	8.1		9.6	10.7	-0.092		0.002	0.000
03:30:00	11.5		14.3	101.1	8.0		25.7	10.8	-0.086		0.002	0.000
03:45:00	11.3		14.7	71.0	7.8		19.6	10.5	-0.084		0.004	0.000
04:00:00	11.0		15.2	43.9	7.6		14.5	10.3	-0.085		0.003	0.000
04:15:00	10.8		14.3	45.2	7.5		14.6	10.2	-0.084		0.001	0.000
04:30:00	10.8		13.3	30.0	7.5		12.3	10.0	-0.082		0.001	0.000
04:45:00	10.9		13.4	56.2	7.8		17.9	10.1	-0.079		0.001	0.000
05:00:00	11.6		12.4	33.9	7.9		13.5	9.5	-0.078		0.002	0.000
05:15:00	12.3		12.8	20.6	8.5		10.6	9.7	-0.079		0.000	0.000
05:30:00	12.1		12.7	15.7	8.3		9.3	9.6	-0.077		0.000	0.000
05:45:00	12.1		12.8	16.7	8.4		9.4	9.6	-0.073		0.000	0.000
06:00:00	11.9		12.7	28.1	8.2		10.3	9.8	-0.070		0.000	0.000
06:15:00	12.1		13.2	28.0	8.4		11.3	10.1	-0.069		0.000	0.000
06:30:00	16.3		102.0	23.3	10.3		10.8	25.7	-0.072		0.000	0.000
06:45:00	13.3		63.6	42.0	9.1		14.7	19.1	-0.066		0.000	0.000
07:00:00	13.6		44.5	27.7	9.3		12.1	15.9	-0.063		0.000	0.000
07:15:00	15.1		47.3	23.2	9.8		11.1	16.1	-0.067		0.000	0.000
07:30:00	13.9		59.7	23.6	9.3		11.3	15.8	-0.067		0.000	0.000
07:45:00	13.8		32.6	25.0	9.0		11.7	13.5	-0.070		0.000	0.000
08:00:00	16.8		33.5	21.4	9.6		10.8	13.4	-0.075		0.000	0.000
08:15:00	37.9		18.3	18.7	11.2		9.8	10.5	-0.089		0.000	0.000
08:30:00	16.8		17.4	19.1	9.4		9.9	10.8	-0.101		0.000	0.000
08:45:00	17.9		24.8	16.2	10.7		9.2	12.5	-0.114		0.000	0.000
09:00:00	17.2		23.0	17.4	10.7		11.0	15.9	-0.119		0.000	0.000
09:15:00	17.4		19.4	13.0	7.4		7.2	11.7	-0.100		0.000	0.000
09:30:00	13.9		13.3	10.8	6.7		5.4	7.4	-0.066		0.000	0.000
09:45:00	12.9		11.6	10.3	6.1		5.1	6.1	-0.063		0.000	0.000
10:00:00	12.6		11.8	10.4	5.8		5.2	5.8	-0.057		0.000	0.000
10:15:00	21.5		13.3	11.5	6.5		5.2	6.0	-0.045		0.000	0.000
10:30:00	12.6		15.1	10.3	5.0		4.5	5.9	-0.026		0.000	0.000
10:45:00	12.7		10.8	10.4	5.1		4.6	4.9	-0.008		0.000	0.000
11:00:00	12.1		11.3	10.4	5.2		4.8	5.1	0.000		0.000	0.000
11:15:00	11.9		11.6	10.9	5.2		5.2	5.3	-0.009		0.000	0.000
11:30:00	12.2		11.3	11.3	5.6		5.5	5.6	-0.017		0.000	0.000
11:45:00	12.6		11.7	10.9	5.7		5.6	5.9	-0.037		0.000	0.000



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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)
12:00:00	10.3		23.4	11.3	4.6		5.2	6.2	-0.068		0.000	0.000
12:15:00	11.0		10.5	11.4	4.7		4.8	4.8	-0.107		0.000	0.000
12:30:00	22.3		9.6	10.0	5.9		4.6	4.4	-0.148		0.000	0.000
12:45:00	10.1		9.1	9.5	4.4		4.4	4.3	-0.196		0.000	0.000
13:00:00	10.2		9.6	9.6	4.4		4.4	4.4	-0.224		0.000	0.000
13:15:00	15.3		9.3	9.2	4.7		4.3	4.2	-0.262		0.000	0.000
13:30:00	53.2		8.7	9.3	9.6		4.3	3.9	-0.278		0.000	0.000
13:45:00	10.3		9.3	9.8	4.1		4.4	4.1	-0.320		0.000	0.000
14:00:00	10.7		8.9	8.4	4.2		3.9	3.9	-0.369		0.000	0.000
14:15:00	12.5		8.3	10.4	4.5		4.0	3.6	-0.390		0.000	0.000
14:30:00	10.1		8.6	9.9	4.1		4.1	3.9	-0.381		0.000	0.000
14:45:00	9.9		8.8	10.3	4.0		4.2	3.8	-0.366		0.000	0.000
15:00:00	10.0		8.9	12.3	3.9		4.4	3.9	-0.371		0.000	0.000
15:15:00	10.1		9.2	9.1	3.9		3.9	3.8	-0.401		0.000	0.000
15:30:00	79.2		17.2	9.5	13.2		4.1	4.7	-0.393		0.000	0.000
15:45:00	13.4		14.4	15.8	5.6		6.3	5.0	-0.372		0.000	0.000
16:00:00	13.9		23.1	14.2	6.3		6.8	7.2	-0.355		0.000	0.000
16:15:00	13.3		15.1	11.7	5.6		5.5	7.4	-0.359		0.000	0.000
16:30:00	12.7		12.6	16.3	5.1		6.1	6.0	-0.338		0.000	0.000
16:45:00	12.6		36.5	26.1	5.0		8.1	8.4	-0.291		0.000	0.000
17:00:00	12.3		11.4	14.2	4.9		5.9	5.3	-0.205		0.000	0.000
17:15:00	147.6		10.3	13.8	22.7		5.7	5.1	-0.137		0.000	0.000
17:30:00	18.5		10.3	15.1	6.4		5.9	5.2	-0.076		0.000	0.000
17:45:00	88.4		28.1	113.3	13.6		22.5	7.3	-0.051		0.000	0.007
18:00:00	43.3		26.5	55.0	9.4		12.7	7.4	-0.026		0.000	0.014
18:15:00	16.9		13.6	25.3	6.7		9.7	6.1	-0.018		0.000	0.012
18:30:00	15.4		13.8	16.9	6.5		7.9	6.6	0.003		0.000	0.009
18:45:00	14.9		15.4	14.9	6.9		7.0	6.9	0.009		0.000	0.012
19:00:00	34.8		14.1	14.6	10.0		6.9	6.8	0.011		0.009	0.010
19:15:00	15.6		13.2	14.1	7.3		6.9	6.9	0.015		0.021	0.003
19:30:00	15.8		22.8	13.6	7.5		6.8	7.5	0.011		0.026	0.001
19:45:00	15.9		31.3	13.0	8.1		6.9	7.7	0.010		0.032	0.000
20:00:00	15.4		13.1	53.2	7.8		12.9	6.9	0.003		0.033	0.000
20:15:00	15.8		12.4	21.8	8.1		9.0	6.8	-0.004		0.034	0.000
20:30:00	23.1		13.1	113.5	9.2		21.6	7.0	-0.008		0.032	0.000
20:45:00	123.0		12.9	26.7	21.6		9.1	7.0	-0.013		0.030	0.000
21:00:00	146.4		14.7	32.3	25.5		9.8	7.9	-0.021		0.029	0.000
21:15:00	47.7		14.1	37.8	13.2		11.1	7.8	-0.028		0.028	0.000
21:30:00	21.5		13.1	17.9	10.5		7.9	7.8	-0.033		0.026	0.000
21:45:00	19.3		18.1	16.0	9.1		7.5	8.9	-0.041		0.024	0.000
22:00:00	16.8		74.2	14.6	8.4		7.4	17.9	-0.045		0.020	0.000
22:15:00	15.9		45.3	13.5	8.2		7.3	13.5	-0.046		0.019	0.000
22:30:00	15.4		39.4	12.9	8.2		7.2	12.5	-0.049		0.018	0.000
22:45:00	15.6		31.5	14.2	8.2		7.3	11.6	-0.053		0.017	0.000
23:00:00	16.8		26.3	42.0	8.8		11.9	10.8	-0.062		0.013	0.000
23:15:00	17.8		39.6	19.7	9.8		8.8	13.3	-0.073		0.012	0.000
23:30:00	15.7		70.3	16.7	9.0		8.1	19.1	-0.069		0.009	0.000
23:45:00	16.0		44.8	15.9	9.3		8.1	14.8	-0.070		0.012	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)
00:00:00							65.5					
00:15:00							44.5					
00:30:00							38.9					
00:45:00							42.2					
01:00:00							44.6					
01:15:00							41.1					
01:30:00							36.6					