



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-19

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1340 Max : 9.440	2943 ESE	2995 NNE	2996 E	2997 N	Min : 64.94 Max : 104.0	Min : 38.20 Max : 93.10	Min : 29.91 Max : 30.12

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	27.7	234.5	9.2	30.2	-0.112	0.055
2995	98.8	191.2	73.4	133.5	0.004	0.051
2996	14.3	31.4	8.3	13.1	0.005	0.066
2997	18.7	78.2	10.1	18.2	0.004	0.033

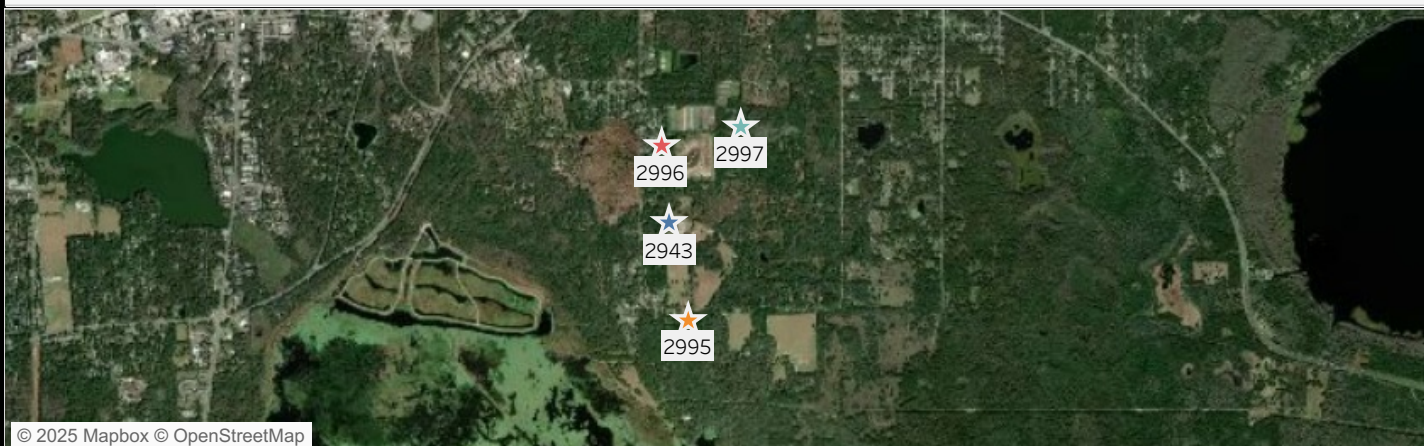


Figure 1 : Monitoring Locations

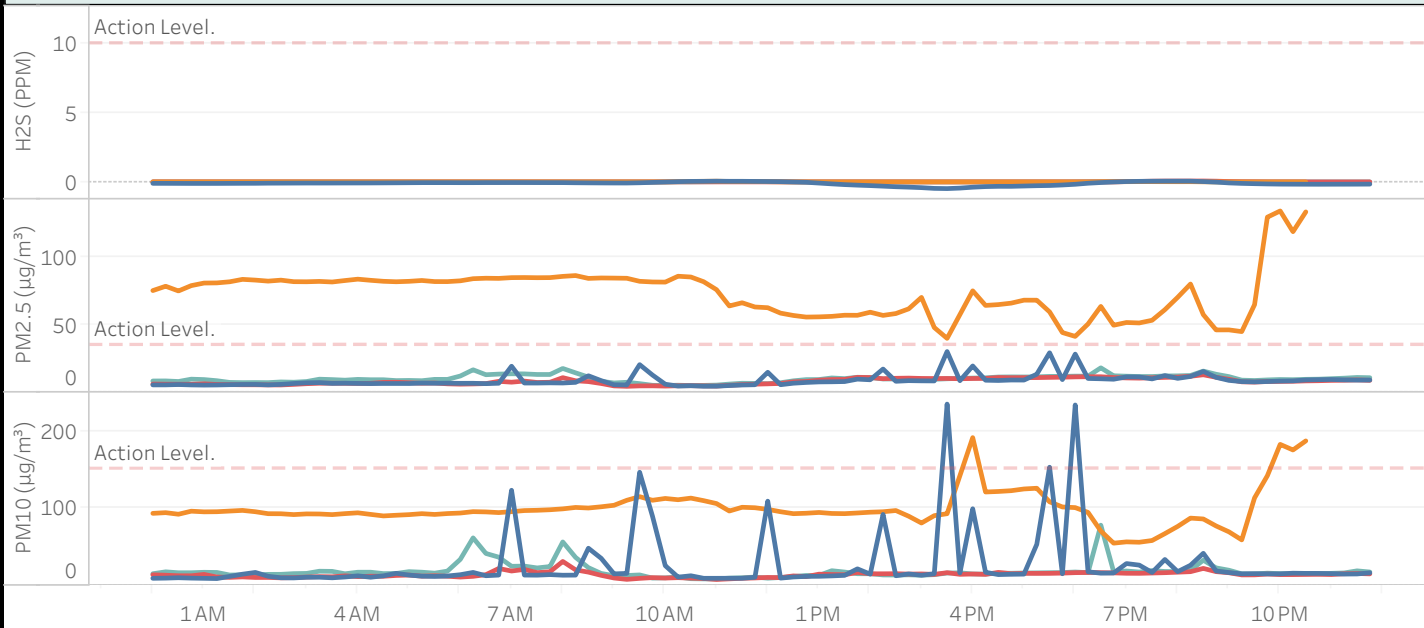


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2995 ■ 2996 ■ 2997



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Florence C&D Landfill – Air Monitoring

Date : 2025-09-19

Wind Rose Chart 2943

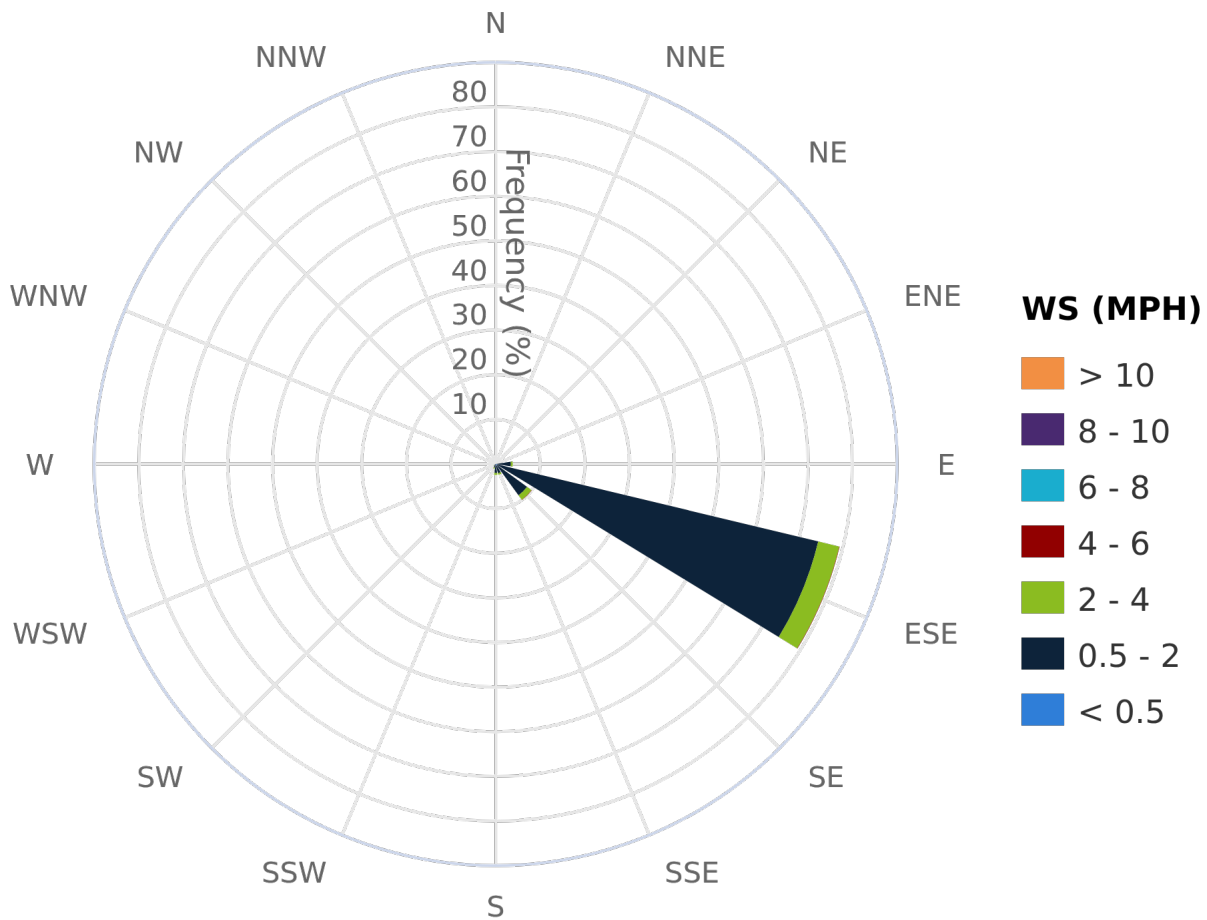


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-09-18

Wind Rose Chart 2995

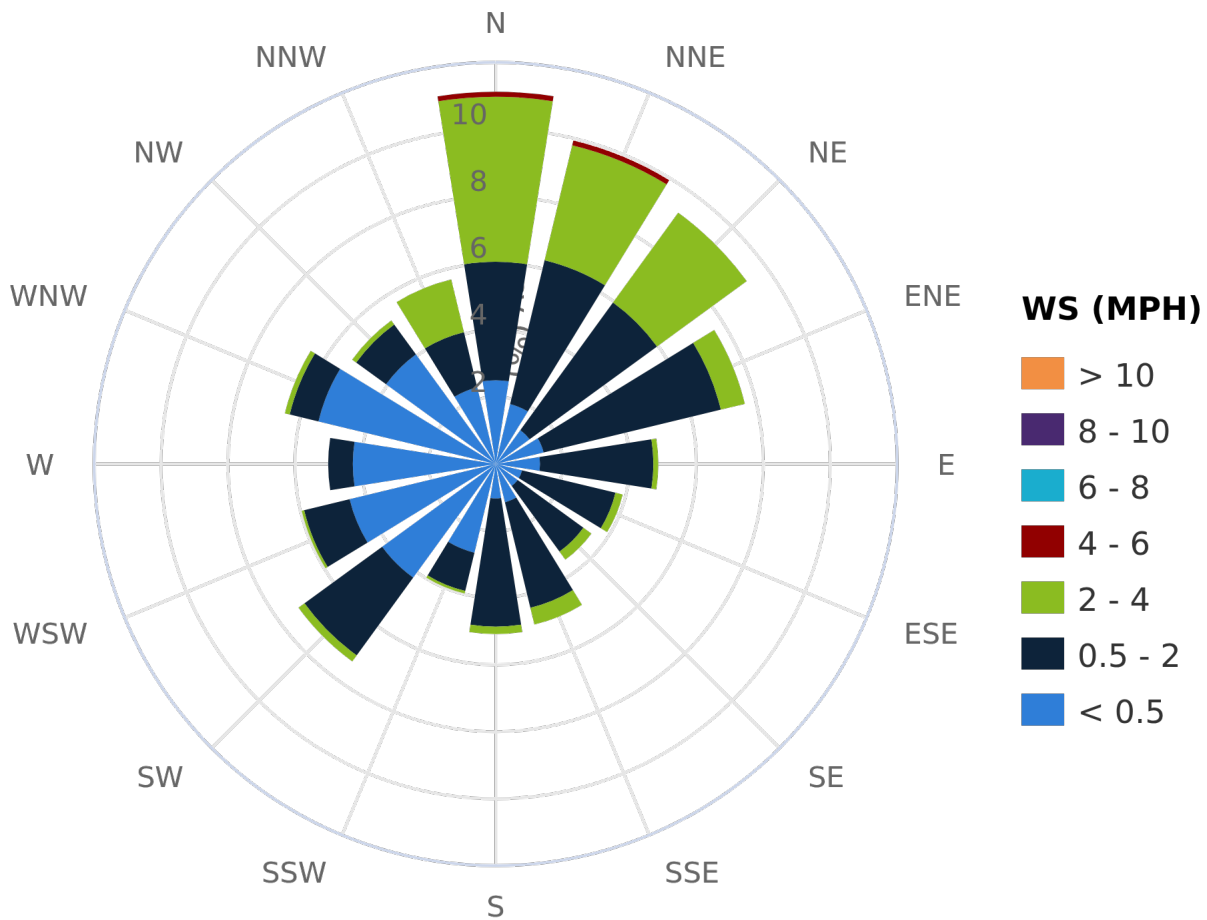


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-09-19

Wind Rose Chart 2996

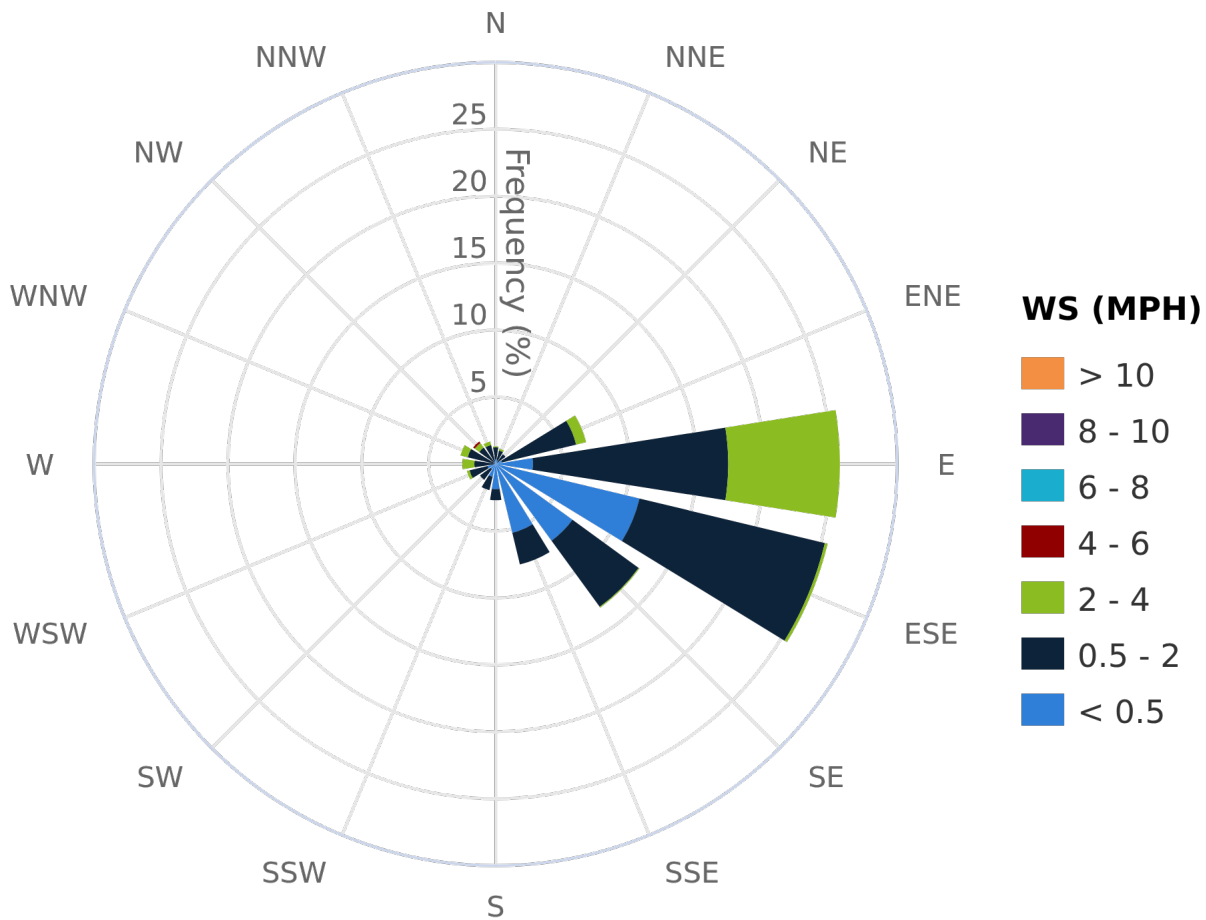


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

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Wind Rose Chart 2997

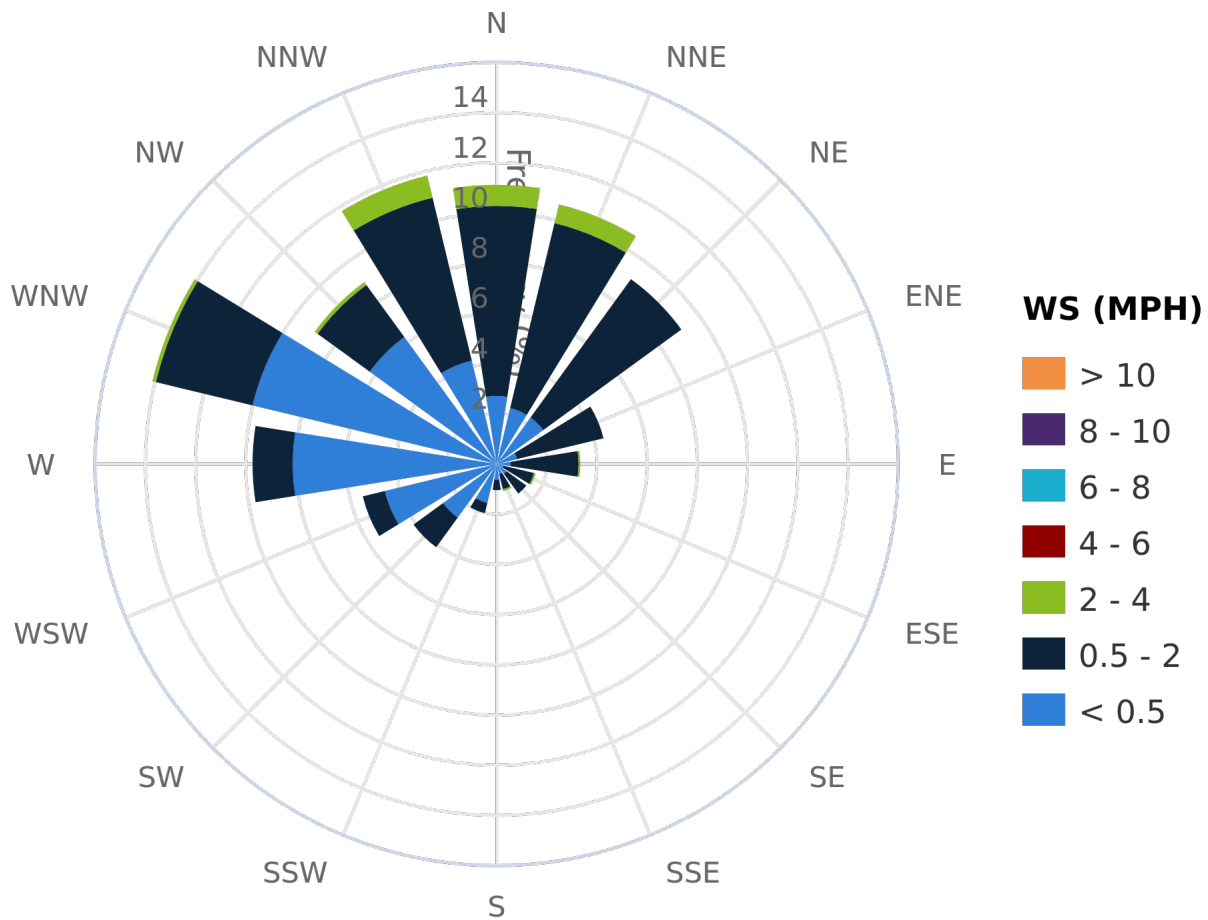


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-09-19

Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2995 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2995 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2995 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	9.6	93.5	15.6	14.1	5.7	75.0	6.3	8.6	-0.105	0.000	0.000	0.000
00:15:00	9.9	94.4	18.0	13.6	5.7	78.2	6.2	8.6	-0.106	0.000	0.000	0.000
00:30:00	10.4	92.3	16.8	12.9	5.9	74.7	6.2	8.2	-0.108	0.000	0.000	0.000
00:45:00	9.9	96.3	16.8	12.9	5.7	78.6	6.2	9.9	-0.111	0.000	0.000	0.000
01:00:00	9.6	95.4	17.4	14.7	5.5	80.5	6.5	9.6	-0.111	0.000	0.000	0.000
01:15:00	9.3	95.6	17.2	11.3	5.6	80.6	6.0	8.8	-0.111	0.000	0.000	0.000
01:30:00	12.1	96.4	13.9	10.8	5.8	81.5	5.9	7.5	-0.107	0.000	0.000	0.000
01:45:00	14.9	97.3	14.1	11.4	6.0	83.2	5.8	7.4	-0.103	0.000	0.000	0.000
02:00:00	17.2	95.6	14.1	10.7	6.0	82.7	5.8	7.4	-0.101	0.000	0.000	0.000
02:15:00	12.3	93.0	14.7	10.7	5.7	81.9	5.7	7.4	-0.092	0.000	0.000	0.000
02:30:00	10.3	92.9	14.8	10.2	6.1	82.7	5.6	7.9	-0.089	0.000	0.000	0.000
02:45:00	10.1	91.9	15.7	10.5	6.7	81.5	6.1	7.7	-0.086	0.000	0.000	0.000
03:00:00	11.0	92.8	16.0	11.2	7.2	81.5	6.6	8.2	-0.083	0.000	0.000	0.000
03:15:00	11.1	92.7	18.8	11.8	7.4	81.7	6.9	9.9	-0.083	0.000	0.000	0.000
03:30:00	10.3	91.8	18.6	11.6	6.8	81.3	6.9	9.6	-0.082	0.000	0.000	0.000
03:45:00	11.3	93.1	15.5	12.8	6.9	82.4	6.9	9.2	-0.080	0.000	0.000	0.000
04:00:00	12.8	94.2	17.5	11.8	6.8	83.4	6.7	9.8	-0.078	0.000	0.000	0.000
04:15:00	11.0	92.1	17.5	12.3	6.7	82.5	6.9	9.5	-0.076	0.000	0.000	0.000
04:30:00	12.8	90.2	15.7	12.2	6.7	81.8	7.5	9.5	-0.072	0.000	0.000	0.000
04:45:00	16.1	91.0	15.9	13.3	6.7	81.5	7.6	8.9	-0.067	0.000	0.000	0.000
05:00:00	13.8	91.8	18.2	13.8	6.7	81.8	7.3	9.0	-0.061	0.000	0.000	0.000
05:15:00	12.4	93.1	17.5	12.4	7.0	82.4	6.9	8.8	-0.055	0.000	0.000	0.000
05:30:00	12.0	92.1	16.3	12.9	6.9	81.6	7.0	9.8	-0.054	0.000	0.000	0.000
05:45:00	12.6	93.2	19.0	12.3	7.0	81.6	6.5	9.7	-0.054	0.000	0.000	0.000
06:00:00	14.3	93.9	34.1	11.2	6.9	82.2	6.2	12.2	-0.056	0.000	0.000	0.000
06:15:00	17.2	95.7	61.8	12.2	6.9	83.7	6.4	16.8	-0.056	0.000	0.000	0.000
06:30:00	13.0	95.3	41.7	14.3	6.6	84.1	6.7	13.2	-0.050	0.000	0.000	0.000
06:45:00	13.8	94.4	37.0	22.3	6.9	83.9	8.3	13.6	-0.049	0.000	0.000	0.000
07:00:00	123.3	95.7	25.2	19.0	19.4	84.5	7.7	13.8	-0.047	0.000	0.000	0.000
07:15:00	13.8	97.1	25.4	21.1	7.1	84.6	8.5	13.8	-0.048	0.000	0.000	0.000
07:30:00	13.7	97.4	23.0	17.0	7.0	84.4	7.5	13.3	-0.050	0.000	0.000	0.000
07:45:00	14.4	98.1	24.8	18.1	7.2	84.5	7.6	13.3	-0.052	0.000	0.000	0.000
08:00:00	13.6	99.3	56.6	31.4	7.1	85.4	11.0	17.8	-0.053	0.000	0.000	0.000
08:15:00	13.8	101.1	36.6	20.5	7.6	86.0	8.7	14.6	-0.064	0.000	0.000	0.000
08:30:00	48.5	100.4	23.4	17.6	12.4	83.9	8.1	11.4	-0.070	0.000	0.000	0.000
08:45:00	35.4	102.0	15.9	13.4	8.8	84.3	6.7	8.3	-0.076	0.000	0.000	0.000
09:00:00	15.4	103.9	13.0	10.0	5.8	84.2	5.0	7.1	-0.080	0.000	0.000	0.000
09:15:00	16.0	110.3	13.3	8.3	5.6	84.0	4.6	7.6	-0.081	0.000	0.000	0.000
09:30:00	146.5	115.0	14.0	9.5	20.6	81.8	5.0	6.6	-0.064	0.000	0.000	0.000
09:45:00	89.9	110.4	9.9	10.5	12.9	81.3	5.0	5.4	-0.037	0.000	0.000	0.000
10:00:00	25.9	112.7	10.3	10.0	6.2	81.2	4.8	5.3	-0.010	0.000	0.000	0.000
10:15:00	11.2	111.1	11.4	10.4	4.8	85.5	5.1	5.5	0.019	0.014	0.000	0.000
10:30:00	12.9	113.1	9.1	9.9	5.1	85.0	5.1	5.2	0.036	0.037	0.000	0.000
10:45:00	9.7	109.9	8.9	9.4	4.7	81.5	5.0	5.4	0.041	0.043	0.000	0.009
11:00:00	9.7	106.1	8.8	8.1	4.7	75.7	4.8	5.6	0.051	0.051	0.000	0.016
11:15:00	9.7	96.5	9.9	8.9	5.2	63.7	5.4	6.3	0.043	0.032	0.000	0.022
11:30:00	9.7	101.3	10.4	9.7	5.6	66.0	5.9	6.9	0.043	0.029	0.000	0.023
11:45:00	11.0	100.7	11.2	10.1	5.8	62.9	6.2	6.8	0.036	0.032	0.000	0.018



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	Avg. 2943 - PM10 (µg/m³)	Avg. 2995 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2995 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2995 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	109.2	98.6	9.8	10.8	15.0	62.4	6.5	6.6	0.027	0.015	0.000	0.017
12:15:00	9.9	95.6	10.7	10.5	5.8	58.4	6.7	7.3	0.018	0.005	0.000	0.012
12:30:00	11.4	93.1	12.0	12.7	6.9	56.7	7.9	8.7	-0.006	0.000	0.000	0.004
12:45:00	12.1	93.6	13.4	11.8	7.5	55.5	8.2	9.6	-0.029	0.000	0.000	0.000
13:00:00	12.2	94.6	13.3	15.0	7.9	55.7	9.1	9.6	-0.085	0.000	0.000	0.000
13:15:00	12.7	93.3	19.4	14.5	8.0	56.0	9.6	10.8	-0.143	0.000	0.000	0.000
13:30:00	13.4	93.1	17.7	14.3	8.1	56.9	9.7	10.3	-0.196	0.000	0.000	0.000
13:45:00	21.8	94.0	15.5	17.2	9.9	56.8	11.2	11.3	-0.235	0.000	0.000	0.000
14:00:00	15.0	95.0	15.5	15.4	9.4	59.1	11.1	11.1	-0.267	0.000	0.000	0.000
14:15:00	92.1	95.5	14.0	15.5	17.3	56.8	10.2	10.0	-0.307	0.000	0.000	0.000
14:30:00	12.9	97.1	13.8	15.6	8.3	58.1	10.6	10.0	-0.349	0.000	0.000	0.000
14:45:00	15.3	89.8	14.1	15.1	8.8	61.5	10.7	10.2	-0.379	0.000	0.000	0.000
15:00:00	13.6	81.0	13.6	15.3	8.7	70.0	10.4	9.9	-0.414	0.000	0.000	0.000
15:15:00	15.5	90.5	14.3	14.7	8.6	47.8	10.4	9.8	-0.468	0.000	0.000	0.000
15:30:00	234.5	93.0	16.4	16.9	30.2	39.9	10.4	10.2	-0.482	0.000	0.000	0.000
15:45:00	16.6		16.7	14.8	8.8		10.2	10.5	-0.446	0.000	0.000	0.000
16:00:00	99.4	191.2	15.2	15.2	19.6	74.8	10.4	10.7	-0.382	0.000	0.000	0.000
16:15:00	17.4	121.0	15.1	14.7	9.1	64.1	10.4	10.9	-0.338	0.000	0.000	0.000
16:30:00	14.4	121.7	16.4	17.3	8.9	64.7	11.1	11.5	-0.319	0.000	0.000	0.000
16:45:00	14.8	122.7	16.2	15.6	9.3	65.8	11.0	11.6	-0.320	0.000	0.000	0.000
17:00:00	15.0	124.9	16.5	16.0	9.2	67.9	11.0	11.5	-0.297	0.000	0.000	0.000
17:15:00	53.4	125.9	16.7	16.0	13.5	67.9	11.1	11.6	-0.275	0.000	0.000	0.000
17:30:00	153.0	108.4	16.9	16.0	29.3	59.3	11.2	11.9	-0.260	0.000	0.000	0.000
17:45:00	15.5	101.7	17.1	16.3	9.6	44.2	11.3	12.0	-0.222	0.000	0.000	0.000
18:00:00	233.4	100.9	17.8	16.9	28.3	41.3	11.6	12.1	-0.172	0.000	0.000	0.004
18:15:00	18.0	94.7	17.0	17.2	10.4	50.4	11.7	12.1	-0.097	0.000	0.000	0.014
18:30:00	16.2	70.7	78.2	17.0	10.2	63.3	11.7	18.2	-0.047	0.008	0.000	0.026
18:45:00	16.5	55.0	18.2	16.6	9.9	49.5	11.1	12.4	-0.005	0.011	0.000	0.029
19:00:00	28.7	56.7	19.1	16.1	11.6	51.5	10.8	12.1	0.024	0.015	0.019	0.031
19:15:00	26.7	56.2	17.7	16.0	11.5	51.2	10.7	11.9	0.040	0.019	0.034	0.033
19:30:00	17.2	58.4	19.6	16.5	10.1	53.2	10.9	11.9	0.050	0.018	0.051	0.032
19:45:00	33.9	67.3	18.5	16.9	12.5	60.9	11.2	12.3	0.054	0.015	0.059	0.028
20:00:00	18.2	76.6	18.2	17.5	10.5	70.0	11.4	12.3	0.055	0.014	0.061	0.024
20:15:00	26.5	87.3	19.9	18.2	11.9	79.8	12.0	12.6	0.054	0.014	0.062	0.022
20:30:00	41.9	86.2	33.0	22.4	15.6	57.3	13.1	15.8	0.024	0.004	0.066	0.017
20:45:00	19.1	77.2	23.1	18.2	11.2	46.1	11.3	13.5	-0.014	0.000	0.053	0.003
21:00:00	17.1	69.6	20.1	16.8	9.0	46.1	9.8	11.8	-0.075	0.000	0.028	0.000
21:15:00	15.4	59.2	15.4	14.0	8.1	44.8	7.9	9.2	-0.108	0.000	0.013	0.000
21:30:00	15.6	113.4	15.3	14.1	7.9	64.6	7.7	8.9	-0.130	0.000	0.008	0.000
21:45:00	15.4	142.0	16.3	15.1	8.2	128.9	8.2	9.4	-0.148	0.000	0.001	0.000
22:00:00	15.4	182.5	15.7	14.4	8.5	133.5	8.3	9.7	-0.161	0.000	0.000	0.000
22:15:00	16.2	175.3	15.5	14.4	8.6	118.3	8.3	9.5	-0.165	0.000	0.000	0.000
22:30:00	16.0	187.0	15.9	14.6	9.3	132.8	8.6	9.8	-0.168	0.000	0.000	0.000
22:45:00	16.0		15.4	14.8	9.5		8.8	9.9	-0.171		0.000	0.000
23:00:00	15.7		16.1	14.5	9.6		9.0	10.3	-0.168		0.000	0.000
23:15:00	15.1		16.6	15.5	9.4		9.1	10.6	-0.166		0.000	0.000
23:30:00	15.2		19.3	15.8	9.2		9.4	11.2	-0.164		0.000	0.000
23:45:00	16.7		17.8	15.4	9.3		9.0	11.0	-0.160		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. 2995 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2995 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2995 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00						75.0						
00:15:00						78.2						
00:30:00						74.7						
00:45:00						78.6						
01:00:00						80.5						
01:15:00						80.6						
01:30:00						81.5						
01:45:00						83.2						
02:00:00						82.7						
02:15:00						81.9						
02:30:00						82.7						
02:45:00						81.5						
03:00:00						81.5						
03:15:00						81.7						
03:30:00						81.3						
03:45:00						82.4						
04:00:00						83.4						
04:15:00						82.5						
04:30:00						81.8						
04:45:00						81.5						
05:00:00						81.8						
05:15:00						82.4						
05:30:00						81.6						
05:45:00						81.6						
06:00:00						82.2						
06:15:00						83.7						
06:30:00						84.1						
06:45:00						83.9						
07:00:00						84.5						
07:15:00						84.6						
07:30:00						84.4						
07:45:00						84.5						
08:00:00						85.4						
08:15:00						86.0						
08:30:00						83.9						
08:45:00						84.3						
09:00:00						84.2						
09:15:00						84.0						
09:30:00						81.8						
09:45:00						81.3						
10:00:00						81.2						
10:15:00						85.5						