



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-20

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1120 Max : 9.104	2943 ESE	2995 NNE	2996 ESE	2997 N	Min : 67.82 Max : 101.1	Min : 39.60 Max : 94.50	Min : 29.95 Max : 30.13

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	16.7	33.4	7.9	11.2	-0.070	0.084
2995	96.5	200.8	85.4	123.2	0.011	0.073
2996	13.8	22.6	7.6	11.6	0.002	0.018
2997	20.4	42.0	9.2	14.2	0.003	0.040

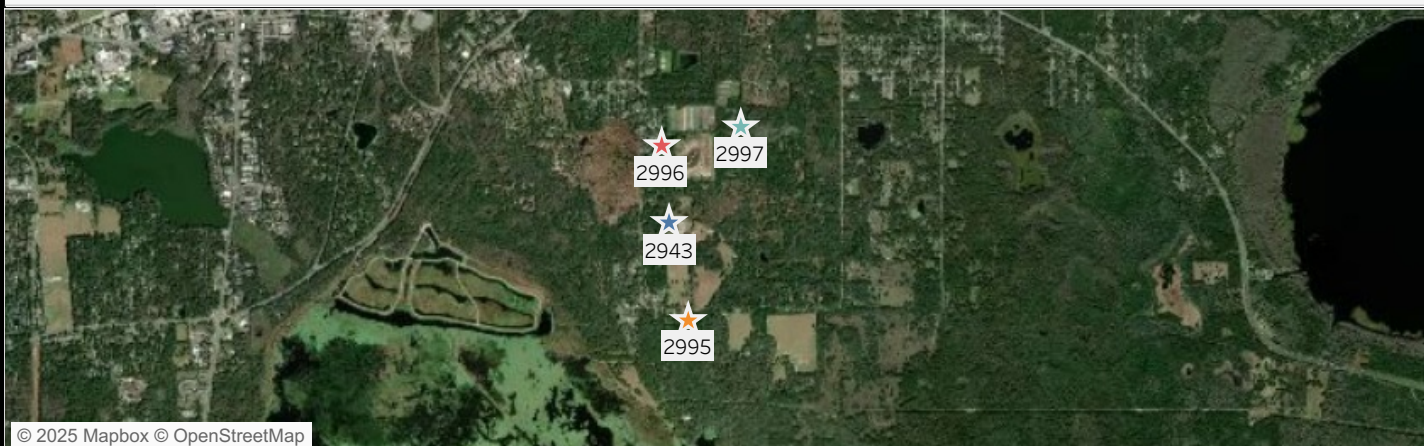


Figure 1 : Monitoring Locations

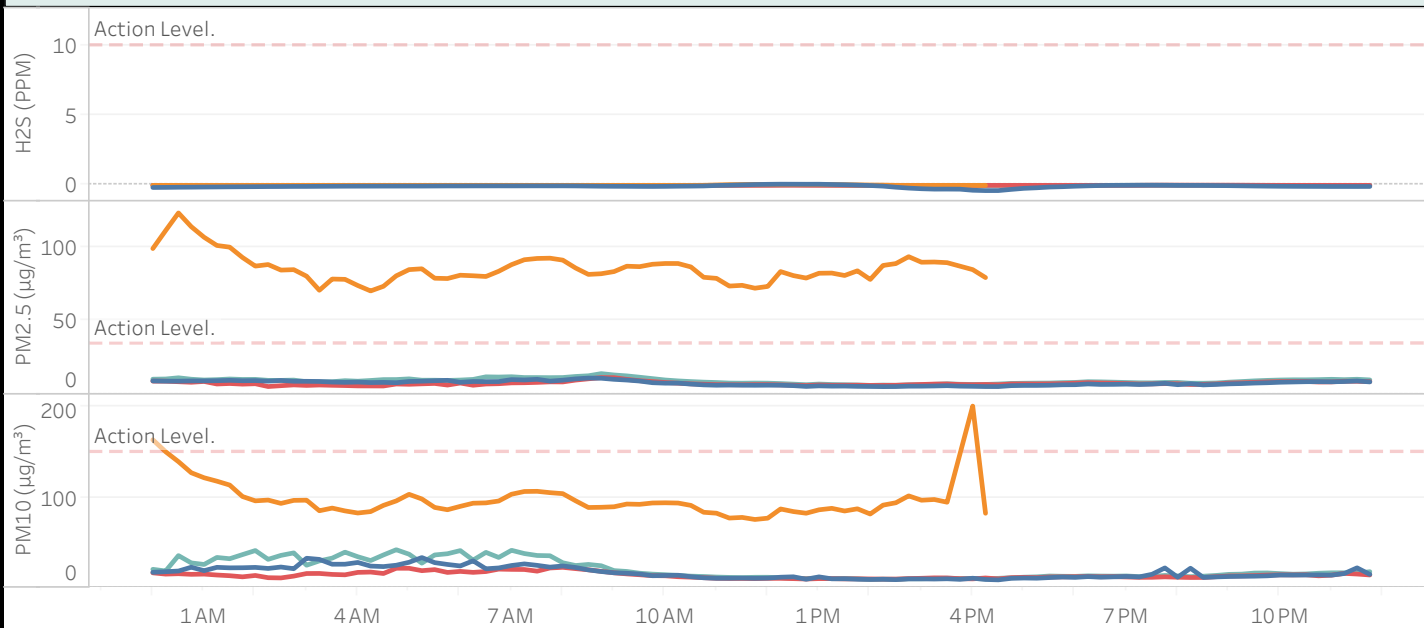


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



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Florence C&D Landfill – Air Monitoring

Date : 2025-09-20

Wind Rose Chart 2943

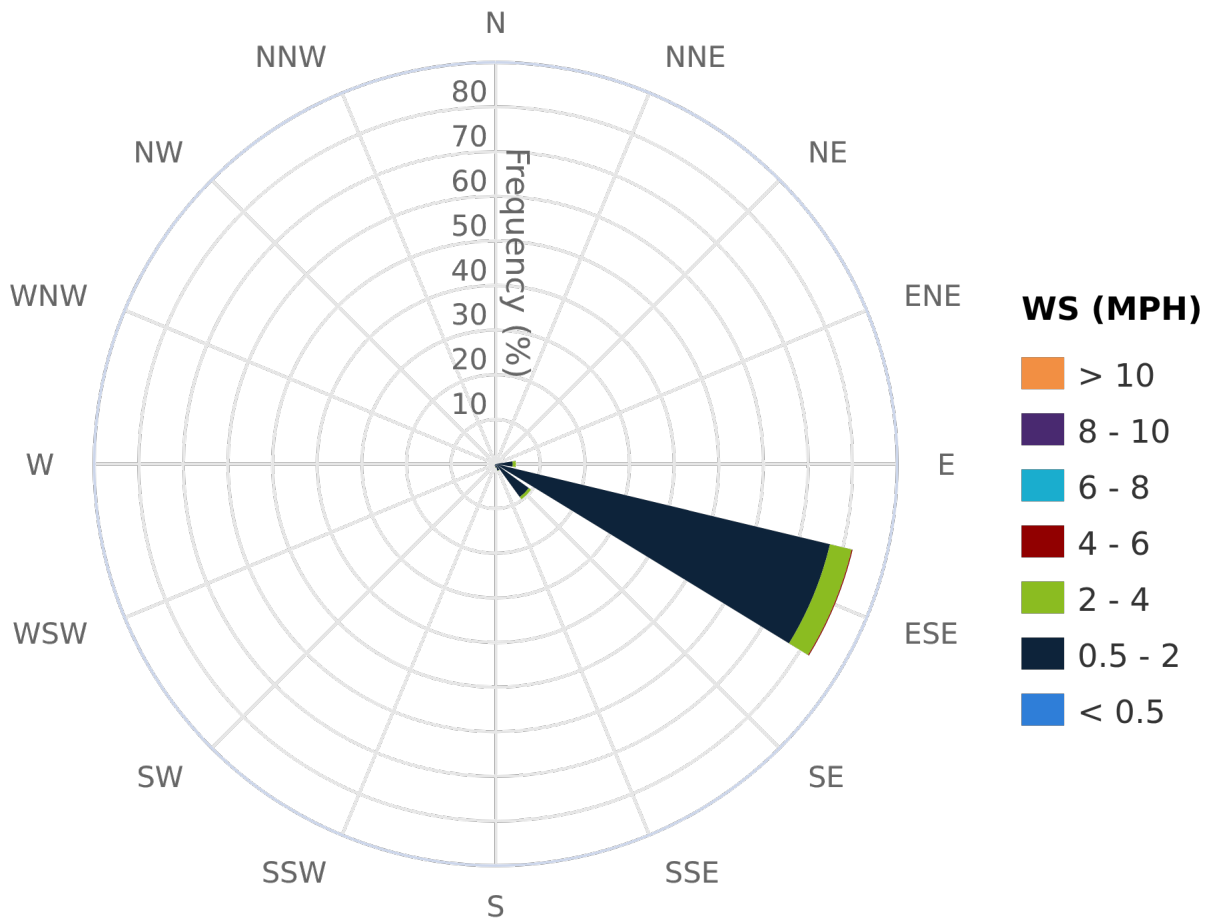


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-19

Wind Rose Chart 2995

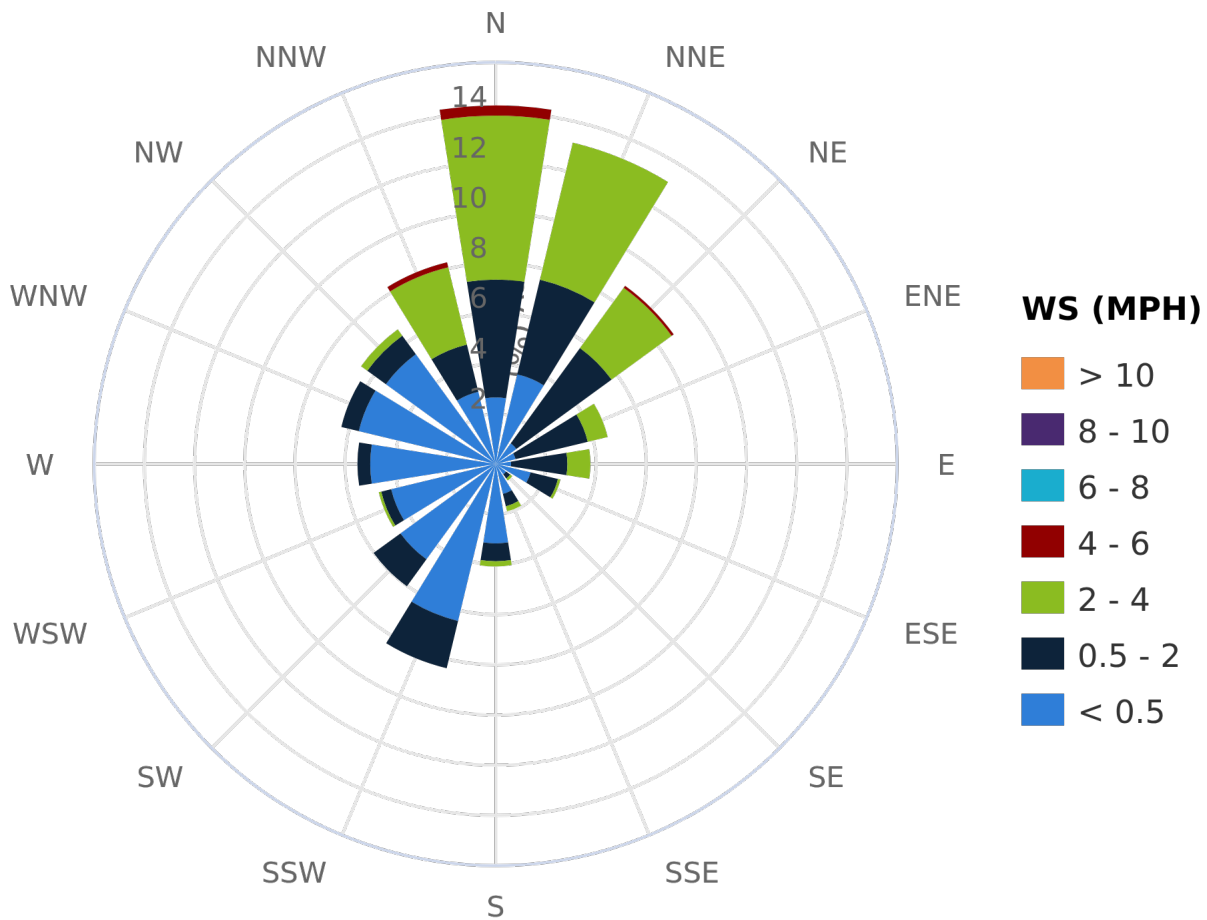


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-09-20

Wind Rose Chart 2996

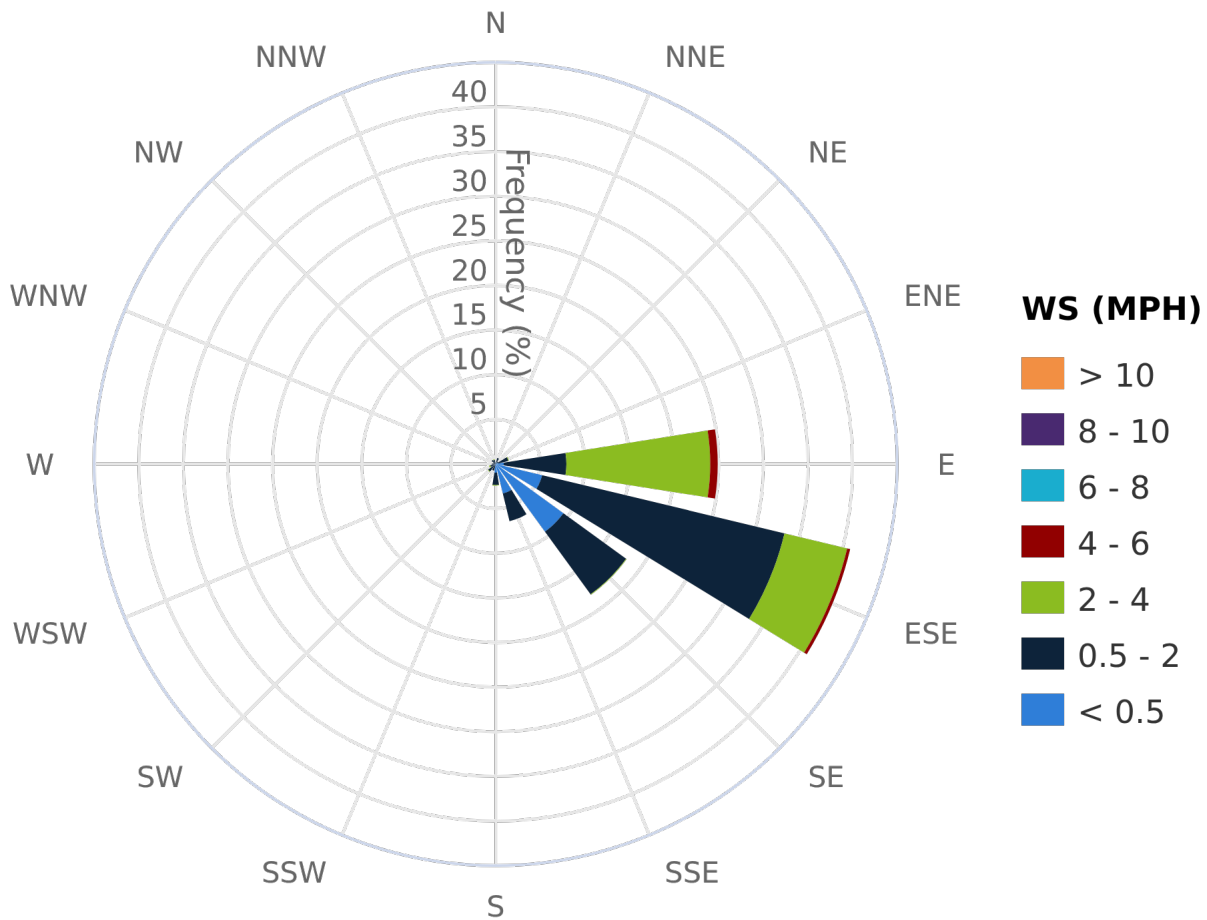


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-09-20

Wind Rose Chart 2997

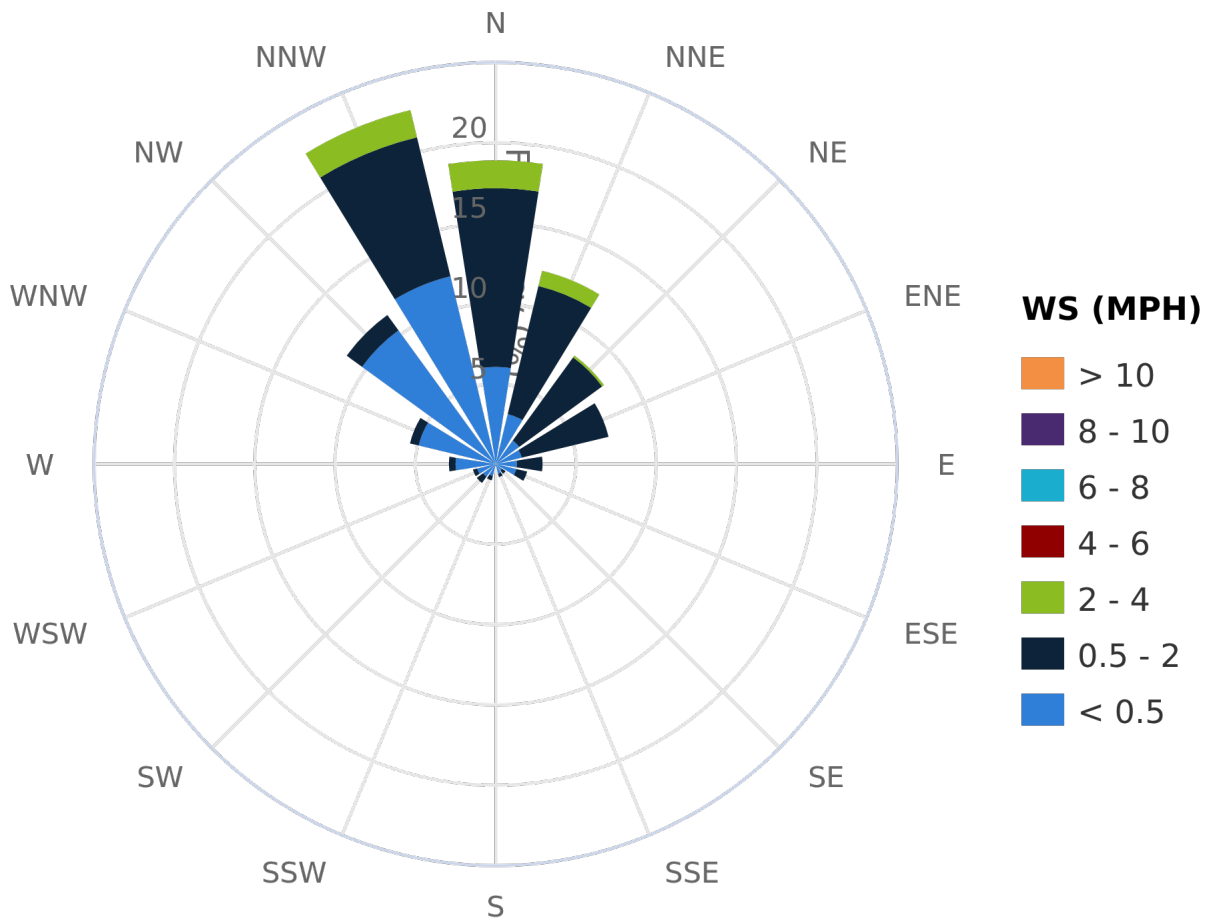


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 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	17.1	163.6	20.4	16.5	9.3	99.0	9.1	10.5	-0.151	0.000	0.000	0.000
00:15:00	17.8	150.3	18.6	15.1	9.1	111.2	9.1	10.6	-0.144	0.000	0.000	0.000
00:30:00	18.5	139.4	35.6	15.5	9.1	123.2	8.8	11.4	-0.134	0.000	0.000	0.000
00:45:00	22.7	127.1	27.5	14.8	9.3	113.8	8.4	10.5	-0.128	0.000	0.000	0.000
01:00:00	18.9	121.6	25.8	15.1	9.3	106.7	8.9	9.9	-0.119	0.000	0.000	0.000
01:15:00	22.6	117.8	33.5	14.1	9.5	101.1	7.2	10.2	-0.113	0.000	0.000	0.000
01:30:00	22.0	113.5	32.1	13.3	9.7	100.0	7.5	10.6	-0.105	0.000	0.000	0.000
01:45:00	22.1	100.8	36.7	12.1	9.4	93.0	7.1	10.3	-0.100	0.000	0.000	0.000
02:00:00	22.5	96.1	41.1	13.6	9.5	87.1	7.4	10.4	-0.093	0.000	0.000	0.000
02:15:00	21.3	96.9	31.4	11.1	9.1	88.2	5.5	9.7	-0.086	0.000	0.000	0.000
02:30:00	22.9	93.3	35.8	10.9	9.6	84.4	6.1	9.7	-0.083	0.000	0.000	0.000
02:45:00	21.1	96.6	38.6	12.9	9.1	84.7	6.6	9.9	-0.077	0.000	0.000	0.000
03:00:00	32.6	96.8	24.9	15.7	9.0	80.3	6.3	8.7	-0.076	0.000	0.000	0.000
03:15:00	31.4	85.1	29.7	15.8	8.9	70.8	6.5	8.6	-0.069	0.000	0.000	0.000
03:30:00	26.0	88.1	32.8	14.8	8.5	78.4	6.3	8.8	-0.065	0.000	0.000	0.000
03:45:00	26.0	85.0	39.4	14.3	8.3	78.2	6.2	9.5	-0.060	0.000	0.000	0.000
04:00:00	28.0	82.6	34.3	17.0	8.5	74.0	5.9	9.1	-0.057	0.000	0.000	0.000
04:15:00	24.0	84.2	30.1	17.4	8.2	70.3	5.9	9.6	-0.056	0.000	0.000	0.000
04:30:00	23.4	91.1	36.3	15.8	8.3	73.4	5.9	10.2	-0.054	0.000	0.000	0.000
04:45:00	24.9	96.0	42.0	21.6	8.1	80.5	7.2	10.2	-0.053	0.000	0.000	0.000
05:00:00	28.2	103.3	37.1	21.5	8.9	84.7	7.0	10.7	-0.051	0.000	0.000	0.000
05:15:00	33.4	98.1	27.2	18.9	9.1	85.3	7.3	9.8	-0.051	0.000	0.000	0.000
05:30:00	27.8	88.8	36.3	20.0	9.4	78.9	7.6	9.8	-0.047	0.000	0.000	0.000
05:45:00	25.8	86.2	37.6	17.0	9.7	78.7	6.5	9.6	-0.042	0.000	0.000	0.000
06:00:00	24.1	90.0	41.1	18.1	8.4	81.0	7.9	9.9	-0.042	0.000	0.000	0.000
06:15:00	29.8	93.5	30.6	17.0	8.9	80.6	6.4	10.3	-0.039	0.000	0.000	0.000
06:30:00	21.0	93.8	39.1	17.9	8.8	80.1	7.2	12.1	-0.039	0.000	0.000	0.000
06:45:00	21.9	95.9	33.5	20.6	8.9	83.6	7.4	11.9	-0.037	0.000	0.000	0.000
07:00:00	24.6	103.4	41.4	20.3	10.2	88.1	8.0	12.1	-0.038	0.000	0.000	0.000
07:15:00	26.4	106.4	37.8	20.2	10.0	91.4	8.1	11.6	-0.037	0.000	0.000	0.000
07:30:00	24.8	106.6	35.7	18.4	10.4	92.3	8.3	11.6	-0.036	0.000	0.000	0.000
07:45:00	22.8	105.1	35.4	21.9	9.2	92.5	8.7	11.5	-0.037	0.000	0.000	0.000
08:00:00	24.1	104.0	27.6	22.6	9.8	91.2	8.6	11.6	-0.035	0.000	0.000	0.000
08:15:00	22.4	96.1	24.6	21.1	10.7	85.8	9.9	12.3	-0.040	0.000	0.000	0.000
08:30:00	19.8	88.7	25.8	19.8	11.2	81.5	10.7	12.8	-0.051	0.000	0.000	0.000
08:45:00	17.9	89.0	24.3	18.2	11.1	82.0	11.6	14.2	-0.061	0.000	0.000	0.000
09:00:00	16.6	89.5	19.0	16.5	10.4	83.4	11.5	13.3	-0.067	0.000	0.000	0.000
09:15:00	16.0	92.6	18.0	15.3	9.9	87.1	10.4	12.7	-0.069	0.000	0.000	0.000
09:30:00	15.2	92.2	16.1	14.4	9.2	86.8	9.4	11.8	-0.075	0.000	0.000	0.000
09:45:00	13.3	93.7	15.1	13.4	8.1	88.4	8.9	10.9	-0.077	0.000	0.000	0.000
10:00:00	13.6	93.9	14.4	13.2	7.8	88.9	8.2	9.9	-0.071	0.000	0.000	0.000
10:15:00	13.8	93.6	13.7	12.2	7.8	88.9	7.8	9.3	-0.060	0.000	0.000	0.000
10:30:00	12.2	91.1	12.9	11.7	7.2	86.6	7.3	8.9	-0.053	0.000	0.000	0.000
10:45:00	11.0	83.4	12.5	11.1	6.6	79.5	7.1	8.5	-0.042	0.004	0.000	0.000
11:00:00	10.5	82.4	11.9	10.5	6.4	78.8	6.8	8.2	-0.010	0.030	0.000	0.000
11:15:00	10.5	77.0	11.5	10.3	6.5	73.6	6.7	7.8	0.010	0.051	0.000	0.004
11:30:00	10.7	77.8	11.2	10.3	6.4	74.1	6.7	7.8	0.036	0.058	0.000	0.010
11:45:00	10.5	75.5	11.6	10.1	6.3	72.1	6.8	7.9	0.059	0.067	0.000	0.023



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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	10.7	76.9	11.6	10.4	6.4	73.4	6.8	7.8	0.073	0.073	0.000	0.029
12:15:00	11.7	87.1	11.2	10.4	6.4	83.4	6.6	7.5	0.084	0.071	0.006	0.032
12:30:00	12.1	84.2	10.6	10.1	6.1	80.7	6.4	7.1	0.082	0.068	0.006	0.040
12:45:00	9.4	82.4	10.3	9.7	5.6	79.0	6.2	6.7	0.079	0.063	0.001	0.040
13:00:00	12.0	86.2	10.7	10.1	5.9	82.3	6.5	7.2	0.081	0.066	0.000	0.035
13:15:00	9.9	87.8	10.1	10.1	5.8	82.4	6.3	6.9	0.062	0.051	0.000	0.023
13:30:00	9.9	84.9	10.4	9.8	5.8	80.8	6.4	6.7	0.046	0.043	0.000	0.011
13:45:00	9.4	87.3	10.0	9.9	5.6	83.9	6.4	6.6	0.019	0.037	0.000	0.000
14:00:00	9.2	81.5	9.2	9.8	5.5	78.1	6.2	6.3	-0.012	0.025	0.000	0.000
14:15:00	9.4	91.3	9.5	9.6	5.4	87.6	6.3	6.5	-0.055	0.019	0.000	0.000
14:30:00	9.0	94.0	9.4	9.6	5.5	88.8	6.4	6.3	-0.132	0.001	0.000	0.000
14:45:00	9.8	101.6	9.9	10.1	5.7	93.5	6.7	6.7	-0.195	0.000	0.000	0.000
15:00:00	9.8	96.8	9.9	10.5	5.7	89.8	6.9	6.7	-0.241	0.000	0.000	0.000
15:15:00	9.7	97.6	10.4	10.9	5.9	89.9	7.2	7.0	-0.267	0.000	0.000	0.000
15:30:00	9.9	94.6	10.6	10.8	6.1	89.5	7.2	7.4	-0.266	0.000	0.000	0.000
15:45:00	9.3		10.3	10.1	5.8		6.9	7.0	-0.271	0.000	0.000	0.000
16:00:00	10.6	200.8	10.3	9.8	5.6	84.7	6.7	6.9	-0.348	0.000	0.000	0.000
16:15:00	9.2	82.3	9.8	10.8	5.5	79.3	6.9	6.9	-0.373	0.000	0.000	0.000
16:30:00	8.7		10.4	9.8	5.5		6.7	7.2	-0.371		0.000	0.000
16:45:00	10.4		11.1	11.1	6.1		7.2	7.6	-0.288		0.000	0.000
17:00:00	10.8		11.7	11.5	6.2		7.3	7.7	-0.213		0.000	0.000
17:15:00	10.6		12.1	11.2	6.2		7.2	7.8	-0.173		0.000	0.000
17:30:00	11.3		13.0	12.0	6.4		7.3	7.9	-0.120		0.000	0.000
17:45:00	11.9		12.7	12.0	6.7		7.5	8.2	-0.095		0.000	0.000
18:00:00	11.5		12.6	12.2	6.7		7.8	8.3	-0.060		0.000	0.000
18:15:00	12.3		13.2	12.4	7.2		8.1	8.8	-0.034		0.000	0.000
18:30:00	11.7		13.0	12.2	6.9		7.9	8.7	-0.011		0.000	0.000
18:45:00	12.1		12.9	12.3	7.0		7.7	8.5	0.002		0.000	0.001
19:00:00	12.5		13.1	11.9	7.1		7.5	8.2	0.004		0.000	0.005
19:15:00	12.0		12.3	11.5	6.9		7.2	8.0	0.011		0.005	0.005
19:30:00	14.9		12.6	11.6	7.1		7.3	8.0	0.011		0.013	0.006
19:45:00	21.9		13.6	12.1	7.7		7.5	8.3	0.007		0.018	0.004
20:00:00	11.7		13.1	11.6	6.7		7.4	8.3	-0.001		0.017	0.002
20:15:00	21.6		12.3	11.3	7.4		6.9	7.8	-0.003		0.016	0.001
20:30:00	11.4		12.8	11.4	6.6		7.0	7.7	-0.005		0.016	0.001
20:45:00	12.0		13.6	12.2	6.9		7.3	7.9	-0.015		0.015	0.001
21:00:00	12.4		14.8	13.0	7.3		7.9	8.5	-0.022		0.015	0.000
21:15:00	12.7		15.1	13.1	7.5		8.0	8.9	-0.034		0.012	0.000
21:30:00	12.8		16.3	13.5	7.9		8.3	9.3	-0.047		0.007	0.000
21:45:00	13.2		16.4	14.0	8.1		8.7	9.7	-0.056		0.003	0.000
22:00:00	14.1		15.6	14.3	8.4		8.8	9.9	-0.065		0.001	0.000
22:15:00	14.0		15.0	14.2	8.6		8.9	10.1	-0.070		0.000	0.000
22:30:00	14.1		15.3	14.4	8.8		8.9	10.0	-0.074		0.000	0.000
22:45:00	14.2		16.1	13.2	8.8		8.6	10.2	-0.077		0.000	0.000
23:00:00	14.0		16.5	13.9	8.7		8.6	10.4	-0.081		0.000	0.000
23:15:00	15.7		16.6	15.9	8.9		9.1	10.2	-0.080		0.000	0.000
23:30:00	22.0		16.0	15.2	9.3		9.0	10.4	-0.082		0.000	0.000
23:45:00	14.8		17.8	14.1	8.6		8.8	10.0	-0.079		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		163.6				99.0						
00:15:00		150.3				111.2						
00:30:00						123.2						
00:45:00						113.8						
01:00:00						106.7						
01:15:00						101.1						
01:30:00						100.0						
01:45:00						93.0						
02:00:00						87.1						
02:15:00						88.2						
02:30:00						84.4						
02:45:00						84.7						
03:00:00						80.3						
03:15:00						70.8						
03:30:00						78.4						
03:45:00						78.2						
04:00:00						74.0						
04:15:00						70.3						
04:30:00						73.4						
04:45:00						80.5						
05:00:00						84.7						
05:15:00						85.3						
05:30:00						78.9						
05:45:00						78.7						
06:00:00						81.0						
06:15:00						80.6						
06:30:00						80.1						
06:45:00						83.6						
07:00:00						88.1						
07:15:00						91.4						
07:30:00						92.3						
07:45:00						92.5						
08:00:00						91.2						
08:15:00						85.8						
08:30:00						81.5						
08:45:00						82.0						
09:00:00						83.4						
09:15:00						87.1						
09:30:00						86.8						
09:45:00						88.4						
10:00:00						88.9						
10:15:00						88.9						