



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-29

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 6.935	2943 SSE	3061 SSW	2996 SSE	2997 NNW	Min : 73.94 Max : 104.9	Min : 37.50 Max : 90.80	Min : 29.93 Max : 30.41

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m ³	PM2.5 : 35 µg/m ³	H2S : 10 PPM			
AQ-SN	Avg. PM10 Daily (µg/m ³)	Max. PM10-15-min Avg (µg/m ³)	Avg. PM2.5 Daily (µg/m ³)	Max. PM2.5-15-min Avg (µg/m ³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	40.5	109.4	15.2	46.4	0.024	0.156
2996	26.3	47.9	10.4	16.0	0.018	0.158
2997	40.4	94.3	10.6	13.0	0.008	0.061
3061	32.4	81.4	10.2	13.1	0.003	0.026



Figure 1 : Monitoring Locations

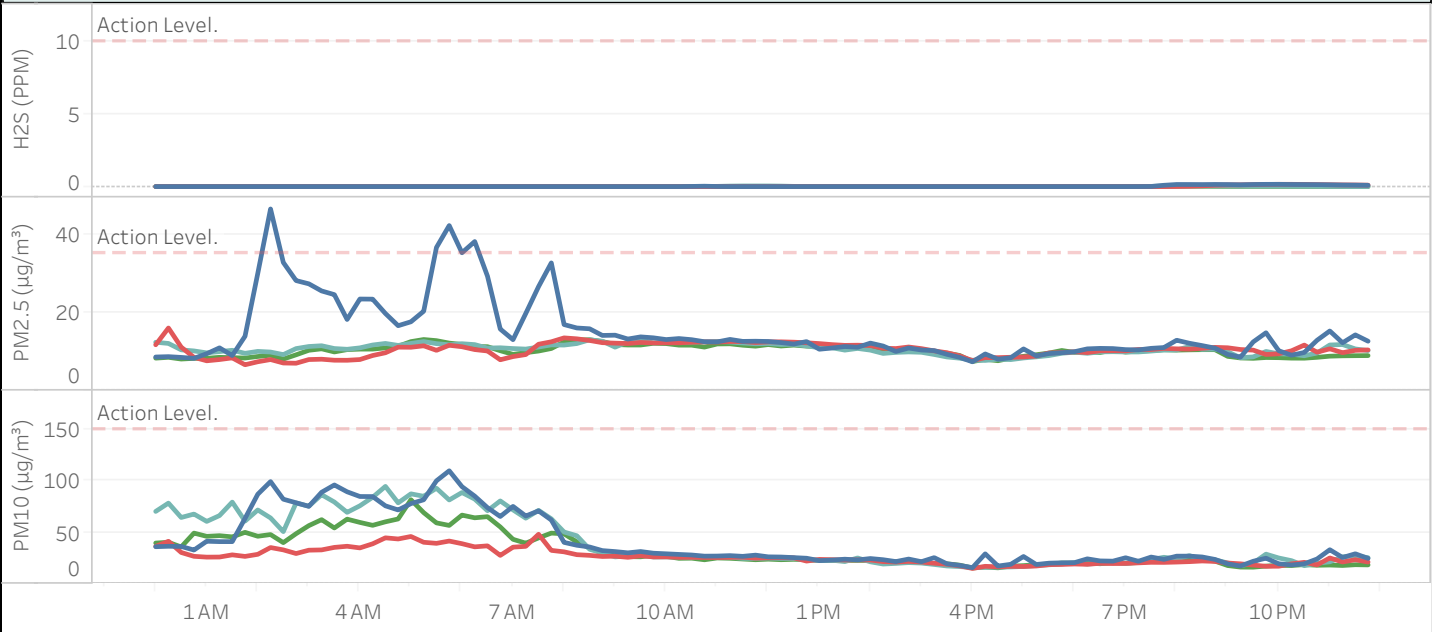


Figure 2 : 15 Minutes Average Concentrations ■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

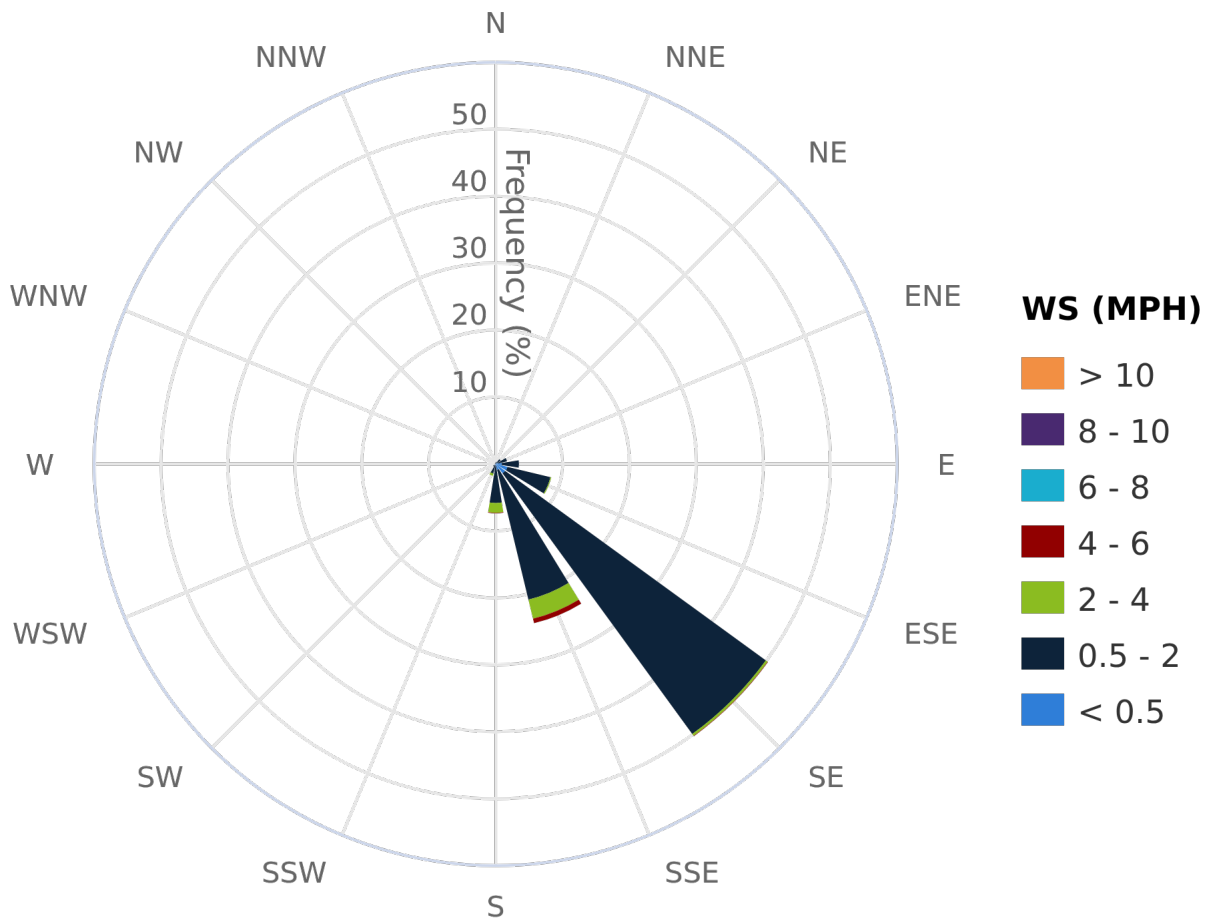


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

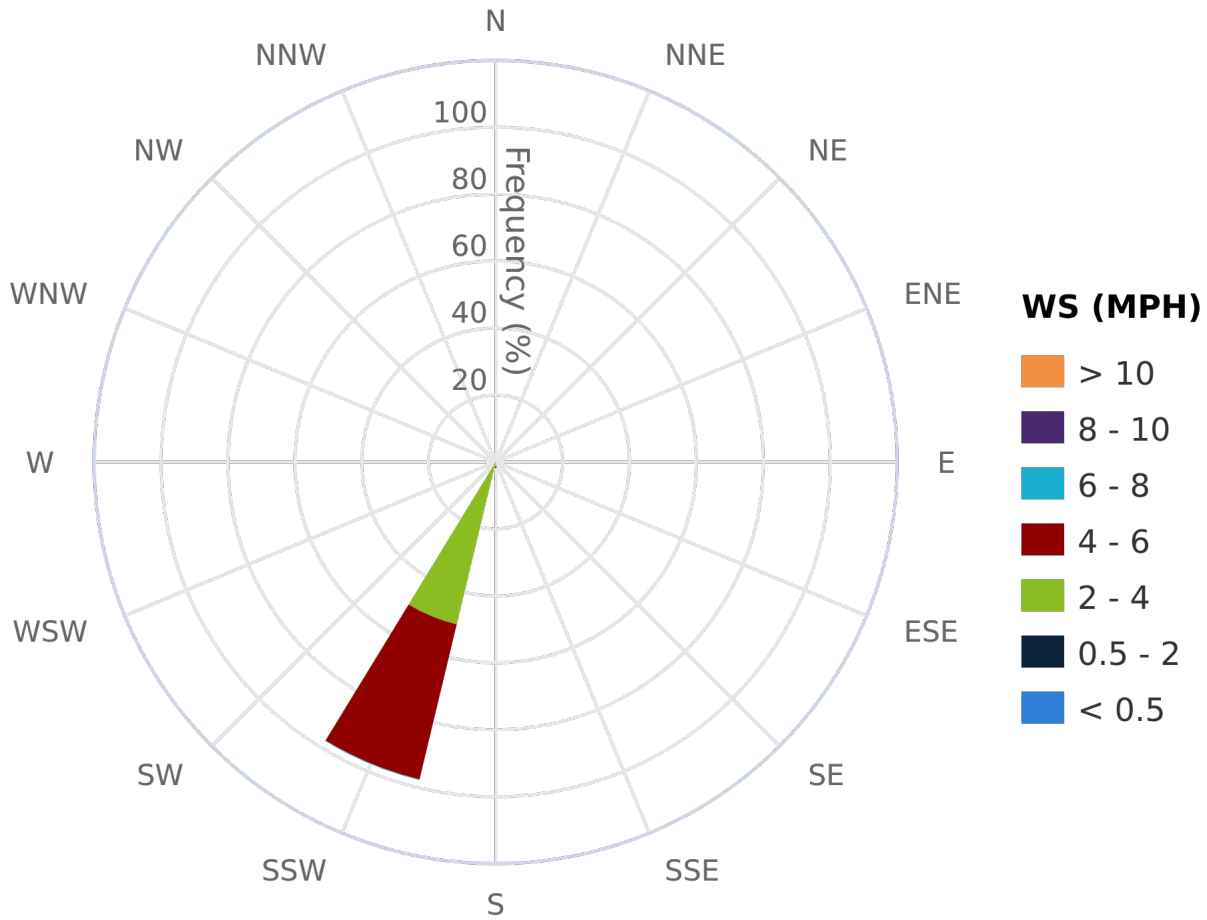


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

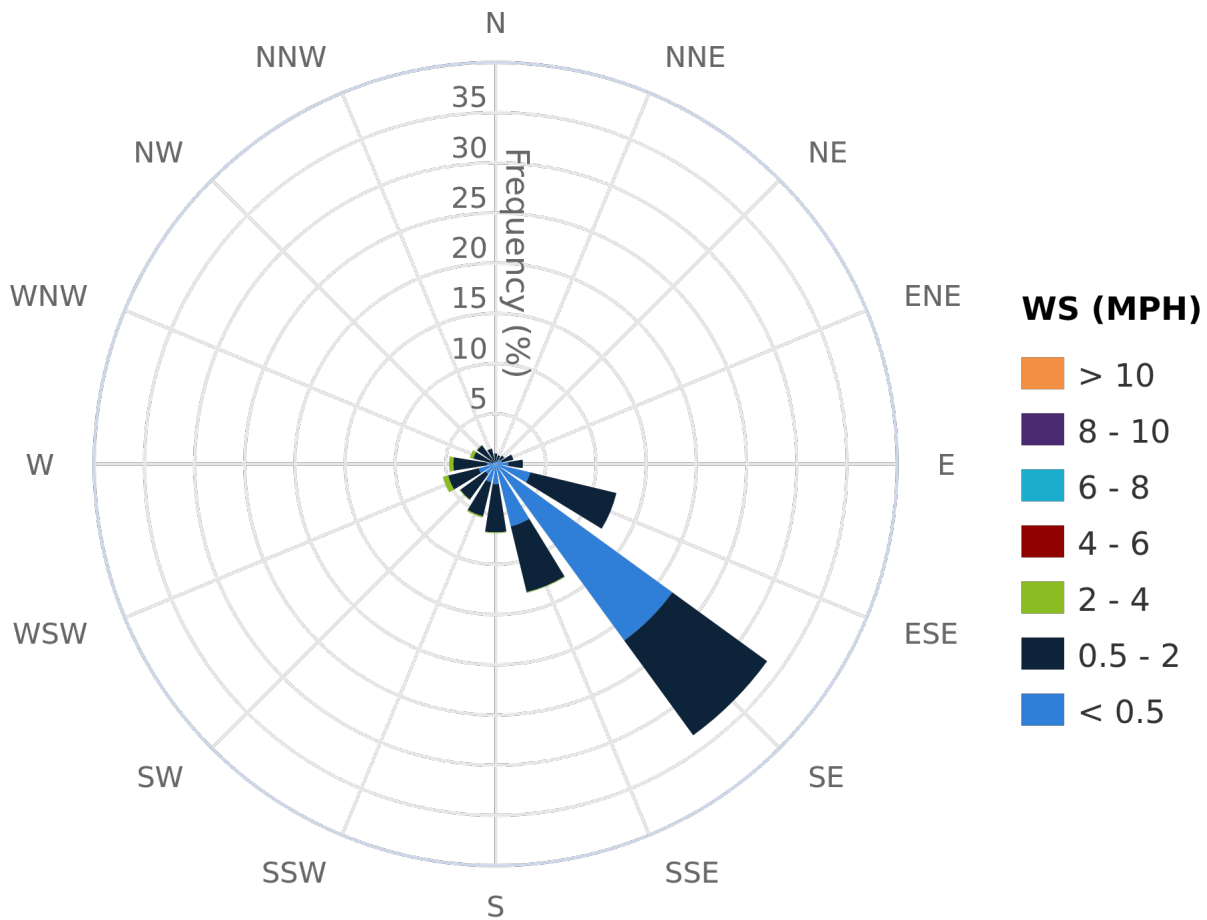


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

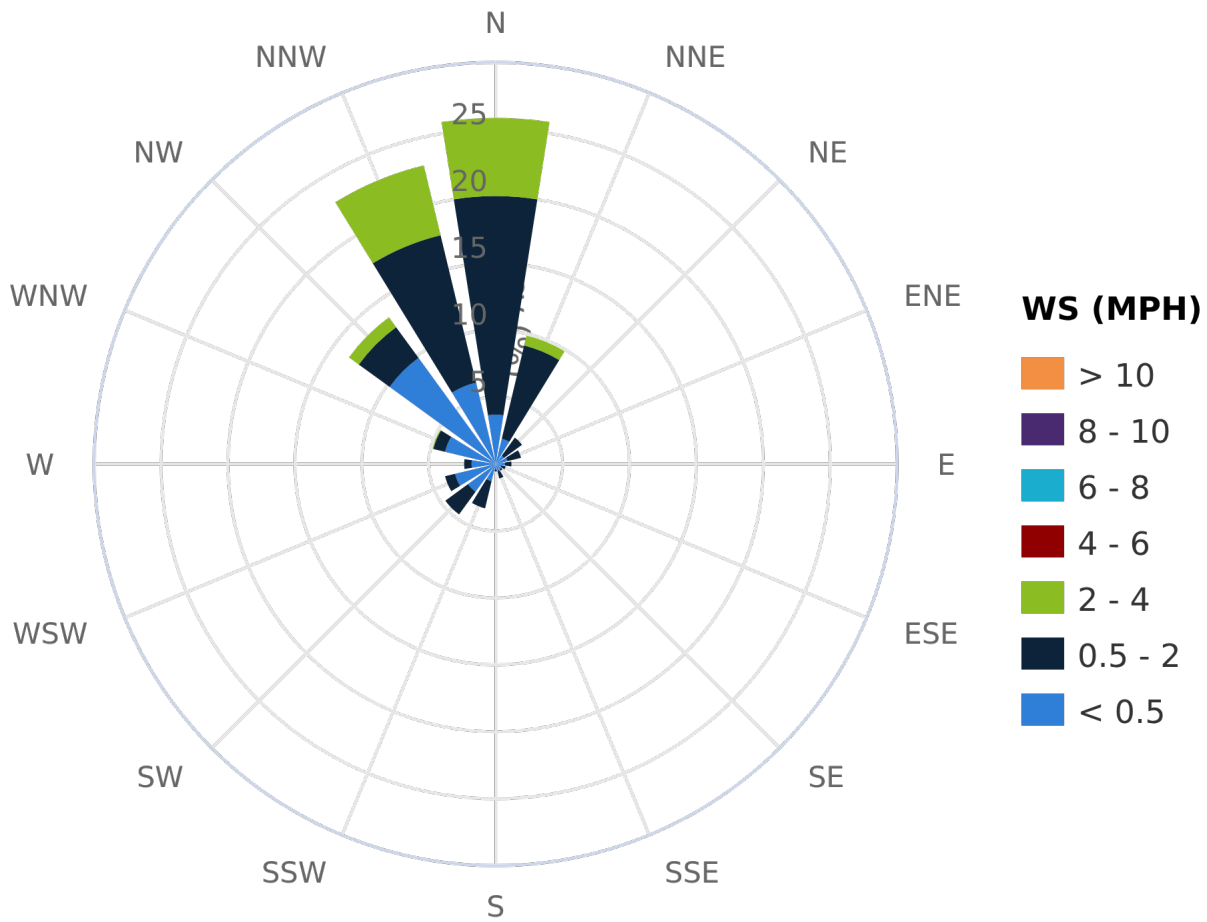


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	35.9	39.4	70.1	36.2	8.6	8.3	11.7	12.4	0.000	0.000	0.000	0.000
00:15:00	36.3	40.2	78.1	41.1	8.7	8.5	16.0	12.1	0.000	0.000	0.000	0.000
00:30:00	36.1	35.7	64.2	30.3	8.5	8.1	11.1	10.4	0.000	0.000	0.000	0.000
00:45:00	32.7	49.1	67.5	26.6	8.2	8.2	8.5	10.1	0.000	0.000	0.000	0.000
01:00:00	41.2	45.9	60.4	25.8	9.4	8.3	7.6	9.6	0.000	0.000	0.000	0.000
01:15:00	40.8	46.6	66.0	25.9	10.9	8.5	7.9	10.0	0.000	0.000	0.000	0.000
01:30:00	40.8	45.4	79.1	28.0	9.0	8.4	8.4	10.3	0.000	0.000	0.000	0.000
01:45:00	63.3	49.8	60.7	26.5	13.9	8.3	6.6	9.5	0.000	0.000	0.000	0.000
02:00:00	86.7	46.0	71.5	28.5	29.9	8.7	7.4	10.0	0.000	0.000	0.000	0.000
02:15:00	98.9	47.7	63.7	35.1	46.4	9.0	7.9	9.9	0.000	0.000	0.000	0.000
02:30:00	81.9	39.8	50.5	32.8	32.7	8.1	7.1	9.2	0.000	0.000	0.000	0.000
02:45:00	78.5	48.5	78.3	29.3	28.1	9.1	7.0	10.7	0.000	0.000	0.000	0.000
03:00:00	75.0	56.3	75.1	32.5	27.3	10.3	7.9	11.3	0.000	0.000	0.000	0.000
03:15:00	88.6	62.1	86.3	32.8	25.5	10.7	8.0	11.5	0.000	0.000	0.000	0.000
03:30:00	95.7	54.0	79.2	35.2	24.5	9.9	7.8	10.8	0.000	0.000	0.000	0.000
03:45:00	89.1	62.6	69.2	36.3	18.2	10.5	7.8	10.6	0.000	0.000	0.000	0.000
04:00:00	84.5	59.4	75.5	34.7	23.4	10.6	7.9	10.9	0.000	0.000	0.000	0.000
04:15:00	84.5	56.6	83.8	38.7	23.4	10.6	9.0	11.7	0.000	0.000	0.000	0.000
04:30:00	75.5	60.0	94.3	44.5	19.7	10.9	9.7	12.1	0.000	0.000	0.000	0.000
04:45:00	71.5	62.8	78.4	43.4	16.6	11.3	11.1	11.6	0.000	0.000	0.000	0.000
05:00:00	77.6	81.4	87.1	45.8	17.6	12.5	11.1	12.1	0.000	0.000	0.000	0.000
05:15:00	81.3	68.9	84.7	40.2	20.3	13.1	11.4	12.5	0.000	0.000	0.000	0.000
05:30:00	99.7	59.0	92.5	39.2	36.6	12.8	10.3	12.0	0.000	0.000	0.000	0.000
05:45:00	109.4	56.5	81.2	41.4	42.1	12.1	11.6	11.7	0.000	0.000	0.000	0.000
06:00:00	94.0	66.5	88.4	38.8	35.2	11.8	11.2	12.0	0.000	0.000	0.000	0.000
06:15:00	84.9	63.9	82.0	35.8	38.1	11.3	10.5	11.8	0.000	0.000	0.000	0.000
06:30:00	73.7	65.0	70.7	36.7	29.2	11.2	10.1	10.9	0.000	0.000	0.000	0.000
06:45:00	65.1	55.0	80.2	27.5	15.7	10.2	7.9	10.9	0.000	0.000	0.000	0.000
07:00:00	74.9	43.0	71.5	35.5	13.0	9.3	8.7	10.7	0.000	0.000	0.000	0.000
07:15:00	65.6	39.3	63.5	36.2	19.7	9.7	9.2	10.6	0.000	0.000	0.000	0.000
07:30:00	70.6	44.4	71.1	47.9	26.6	10.1	11.8	11.1	0.000	0.000	0.000	0.000
07:45:00	61.7	49.1	62.9	32.3	32.6	10.8	12.5	11.7	0.000	0.000	0.000	0.000
08:00:00	40.1	48.3	50.1	30.9	16.9	12.4	13.5	11.6	0.000	0.000	0.000	0.000
08:15:00	37.3	40.6	46.5	28.2	16.0	12.9	13.2	12.0	0.000	0.000	0.000	0.000
08:30:00	35.6	34.5	33.4	27.5	15.8	13.0	12.8	13.0	0.000	0.000	0.000	0.000
08:45:00	32.1	30.0	29.8	26.4	14.1	12.5	12.2	12.6	0.000	0.000	0.000	0.000
09:00:00	31.2	26.9	26.0	26.7	14.2	11.8	12.1	11.1	0.000	0.000	0.000	0.000
09:15:00	30.0	26.3	27.0	25.6	13.2	11.7	12.0	12.5	0.000	0.000	0.000	0.000
09:30:00	31.2	26.1	28.0	27.1	13.7	11.6	12.3	13.0	0.000	0.000	0.000	0.000
09:45:00	29.6	27.7	25.9	26.0	13.5	12.1	12.2	12.2	0.000	0.000	0.000	0.000
10:00:00	29.0	26.5	26.0	26.1	13.0	12.0	12.2	12.4	0.000	0.000	0.000	0.000
10:15:00	28.4	24.6	25.9	25.6	13.3	11.6	12.2	12.3	0.000	0.000	0.000	0.000
10:30:00	27.9	24.8	25.5	25.6	13.0	11.6	12.4	12.4	0.012	0.000	0.000	0.000
10:45:00	26.8	23.2	26.2	25.4	12.5	11.1	12.4	12.4	0.028	0.000	0.000	0.000
11:00:00	26.9	25.0	26.1	25.4	12.4	11.9	12.4	12.6	0.008	0.000	0.000	0.017
11:15:00	27.3	24.7	25.7	25.6	13.1	12.0	12.5	12.4	0.000	0.000	0.000	0.037
11:30:00	26.6	24.0	24.7	25.7	12.6	11.6	12.5	12.2	0.000	0.000	0.000	0.045
11:45:00	27.7	23.3	24.5	24.8	12.6	11.4	12.3	12.0	0.000	0.000	0.000	0.046



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Table 3 : 15 Minute Average Concentrations (PM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	26.1	23.8	24.9	25.2	12.6	11.8	12.4	12.0	0.000	0.000	0.000	0.045
12:15:00	25.9	23.3	24.5	25.2	12.3	11.4	12.5	11.8	0.000	0.000	0.000	0.036
12:30:00	25.3	23.7	24.4	25.1	11.9	11.6	12.4	11.8	0.000	0.000	0.000	0.017
12:45:00	24.7	23.2	23.3	22.0	12.5	11.4	12.2	11.4	0.000	0.000	0.000	0.004
13:00:00	22.4	22.7	22.4	23.6	10.6	11.2	12.0	11.0	0.000	0.000	0.000	0.000
13:15:00	22.9	22.8	22.8	23.3	10.9	11.2	11.8	10.9	0.000	0.000	0.000	0.000
13:30:00	23.8	22.6	21.5	23.0	11.3	10.9	11.6	10.3	0.000	0.000	0.000	0.000
13:45:00	23.1	22.6	25.0	23.1	11.1	10.9	11.6	10.8	0.000	0.000	0.000	0.000
14:00:00	24.4	22.5	21.3	23.0	12.1	11.0	11.5	10.3	0.000	0.000	0.000	0.000
14:15:00	23.3	21.4	19.1	21.5	11.4	10.4	10.8	9.5	0.000	0.000	0.000	0.000
14:30:00	21.5	21.4	19.7	21.0	10.0	10.4	10.7	9.8	0.000	0.000	0.000	0.000
14:45:00	23.9	21.3	20.5	21.7	10.9	10.5	11.1	9.9	0.000	0.000	0.000	0.000
15:00:00	21.4	20.6	20.1	21.1	10.4	10.3	10.7	9.8	0.000	0.000	0.000	0.000
15:15:00	25.3	19.5	18.7	19.9	10.2	9.8	10.2	9.2	0.000	0.000	0.000	0.000
15:30:00	19.3	19.4	17.2	18.9	9.3	9.6	9.7	8.6	0.000	0.000	0.000	0.000
15:45:00	17.8	18.0	16.6	17.3	8.5	9.0	8.9	8.3	0.000	0.000	0.000	0.000
16:00:00	15.6	15.3	15.7	14.8	7.4	7.4	7.7	7.8	0.000	0.000	0.000	0.000
16:15:00	29.0	16.2	15.9	16.9	9.4	8.0	8.4	7.7	0.000	0.000	0.000	0.000
16:30:00	17.2	15.4	16.1	16.4	8.0	7.6	8.4	8.0	0.000	0.000	0.000	0.000
16:45:00	18.9	17.1	16.3	16.9	8.4	8.3	8.5	7.9	0.000	0.000	0.000	0.000
17:00:00	26.4	17.6	16.7	16.7	10.7	8.8	8.6	8.3	0.000	0.000	0.000	0.000
17:15:00	18.7	18.5	17.7	17.2	8.9	9.2	8.8	8.6	0.000	0.000	0.000	0.000
17:30:00	20.0	19.0	18.4	18.6	9.5	9.6	9.6	9.0	0.000	0.000	0.000	0.000
17:45:00	20.3	20.1	19.2	18.7	9.7	10.3	9.7	9.5	0.000	0.000	0.000	0.000
18:00:00	20.5	19.9	20.3	19.1	9.9	9.7	9.9	9.8	0.000	0.000	0.000	0.000
18:15:00	24.2	20.1	19.1	18.8	10.7	9.9	9.7	9.5	0.000	0.000	0.000	0.000
18:30:00	22.1	19.4	20.0	19.8	10.8	9.7	10.2	9.9	0.000	0.000	0.000	0.000
18:45:00	21.9	20.6	20.3	19.6	10.7	10.4	10.2	9.9	0.000	0.000	0.000	0.000
19:00:00	25.2	19.9	19.7	19.7	10.5	9.8	10.2	9.9	0.000	0.000	0.000	0.000
19:15:00	21.8	20.5	21.1	20.2	10.4	10.1	10.5	9.9	0.002	0.000	0.000	0.000
19:30:00	25.9	21.8	23.4	20.8	10.8	10.2	10.5	10.1	0.010	0.005	0.000	0.015
19:45:00	23.6	21.5	25.7	20.7	11.0	10.4	10.8	10.4	0.091	0.019	0.000	0.040
20:00:00	26.7	22.7	24.1	21.0	12.9	10.3	10.7	10.4	0.145	0.026	0.007	0.047
20:15:00	26.8	22.6	27.2	21.4	12.1	10.4	10.6	11.3	0.144	0.025	0.022	0.061
20:30:00	26.0	23.6	23.4	22.1	11.5	10.5	10.8	10.5	0.141	0.021	0.051	0.053
20:45:00	23.6	21.9	23.2	21.6	10.9	10.5	11.1	10.6	0.148	0.019	0.094	0.048
21:00:00	19.3	17.6	20.1	20.1	9.2	8.8	10.9	9.9	0.141	0.015	0.115	0.045
21:15:00	17.2	16.1	17.4	19.3	8.6	8.3	10.5	8.4	0.127	0.013	0.120	0.035
21:30:00	21.8	16.1	20.0	18.1	12.4	8.2	10.3	8.6	0.145	0.014	0.133	0.035
21:45:00	24.8	17.1	28.7	16.9	14.8	8.5	9.2	10.0	0.155	0.013	0.150	0.035
22:00:00	19.4	17.9	25.0	17.0	10.2	8.4	9.4	9.4	0.156	0.013	0.158	0.034
22:15:00	18.2	17.6	22.4	19.3	9.0	8.3	10.2	9.3	0.145	0.012	0.157	0.028
22:30:00	19.3	18.6	17.5	20.8	9.7	8.3	11.6	8.9	0.141	0.012	0.149	0.022
22:45:00	24.0	17.9	19.8	18.2	12.9	8.5	9.8	9.6	0.134	0.011	0.139	0.021
23:00:00	33.0	18.1	21.3	25.0	15.2	8.8	10.7	11.7	0.123	0.010	0.127	0.012
23:15:00	25.4	17.7	26.1	21.1	12.2	8.9	9.7	11.8	0.109	0.008	0.117	0.007
23:30:00	29.0	18.5	27.1	23.3	14.2	8.9	10.3	10.7	0.101	0.007	0.111	0.002
23:45:00	24.6	18.3	25.3	21.0	12.6	8.9	10.4	10.2	0.089	0.005	0.100	0.000



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Table 4 : Summary of Exceedances (greater than Action Level) -

Minute of 15-min intv	Avg. 2943 - PM10 ($\mu\text{g}/\text{m}^3$)	Avg. 3061 - PM10 ($\mu\text{g}/\text{m}^3$)	Avg. 2996 - PM10 ($\mu\text{g}/\text{m}^3$)	Avg. 2997 - PM10 ($\mu\text{g}/\text{m}^3$)	Avg. 2943 - PM2.5 ($\mu\text{g}/\text{m}^3$)	Avg. 3061 - PM2.5 ($\mu\text{g}/\text{m}^3$)	Avg. 2996 - PM2.5 ($\mu\text{g}/\text{m}^3$)	Avg. 2997 - PM2.5 ($\mu\text{g}/\text{m}^3$)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
02:15:00					46.4							
05:30:00					36.6							
05:45:00					42.1							
06:00:00					35.2							
06:15:00					38.1							