



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-03-24

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.20 to 12.62	2943 E	3061 N	2996 SSE	2997 N	Min : 56.48 Max : 72.50	Min : 65.80 Max : 88.90	Min : 29.95 Max : 30.34

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	40.1	160.2	16.8	40.0	0.003	0.013
2996	29.2	60.2	15.1	30.6	0.000	0.010
2997	28.2	56.5	14.8	29.8	0.003	0.015
3061	28.0	57.4	14.8	29.7	0.000	0.001



Figure 1 : Monitoring Locations

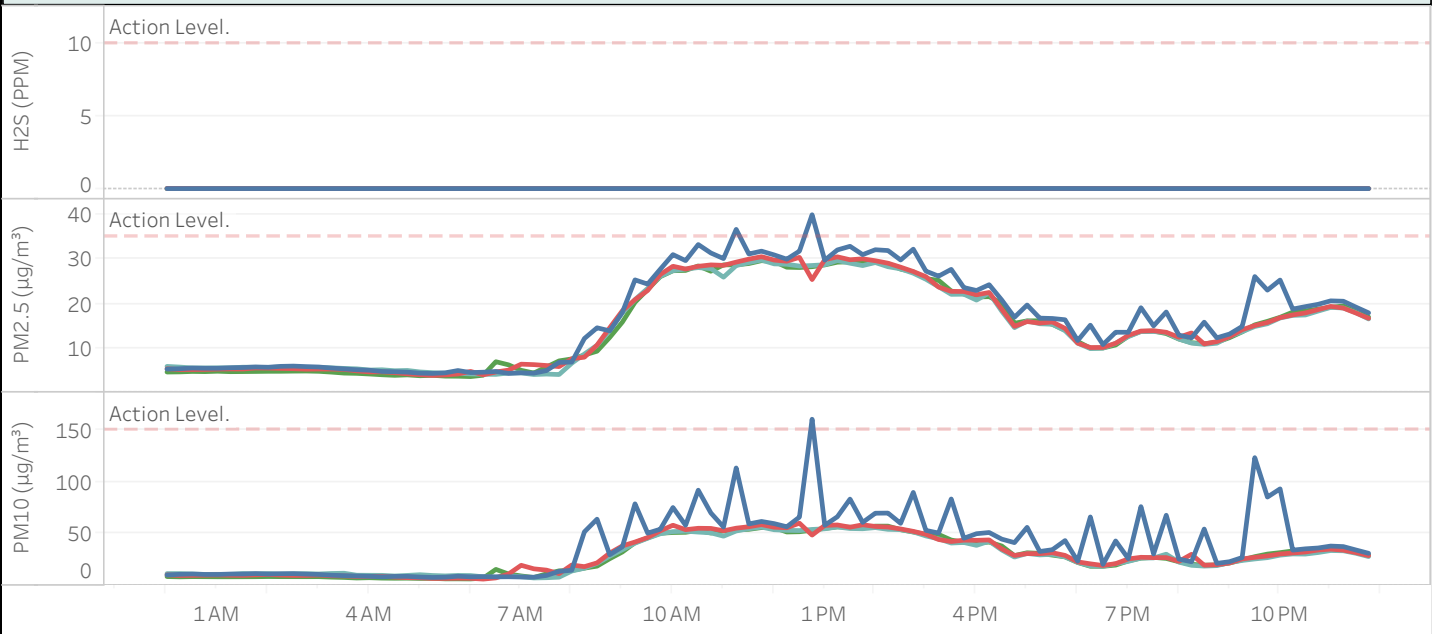


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

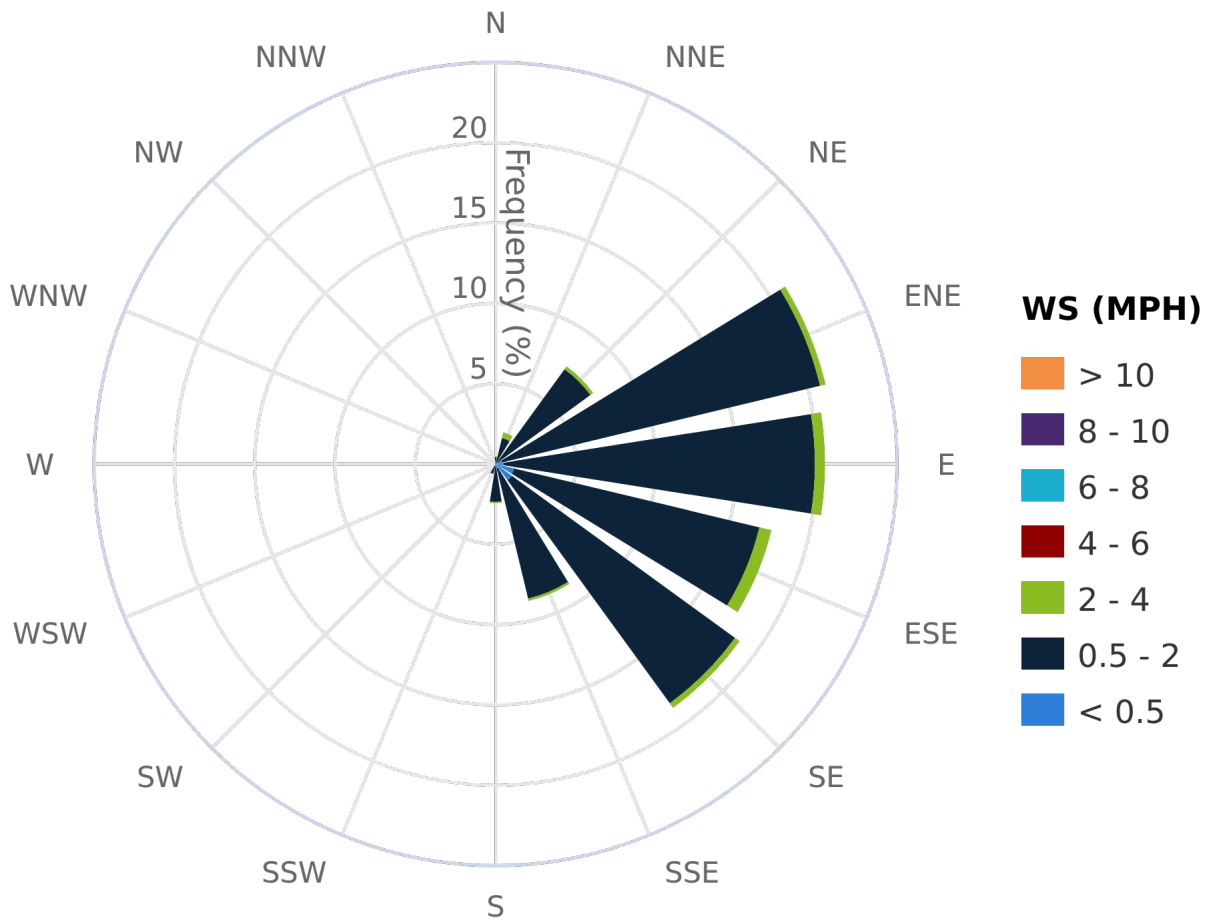


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

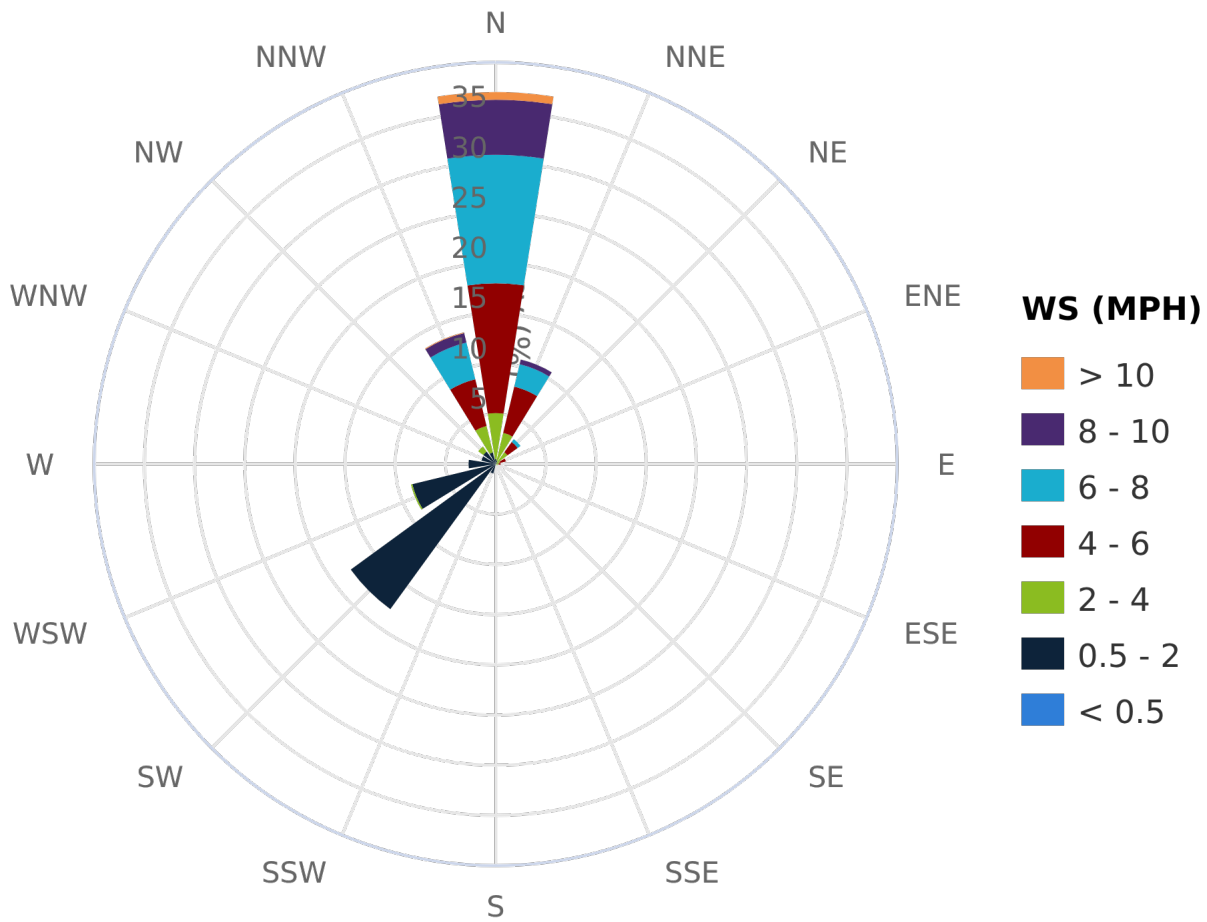


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

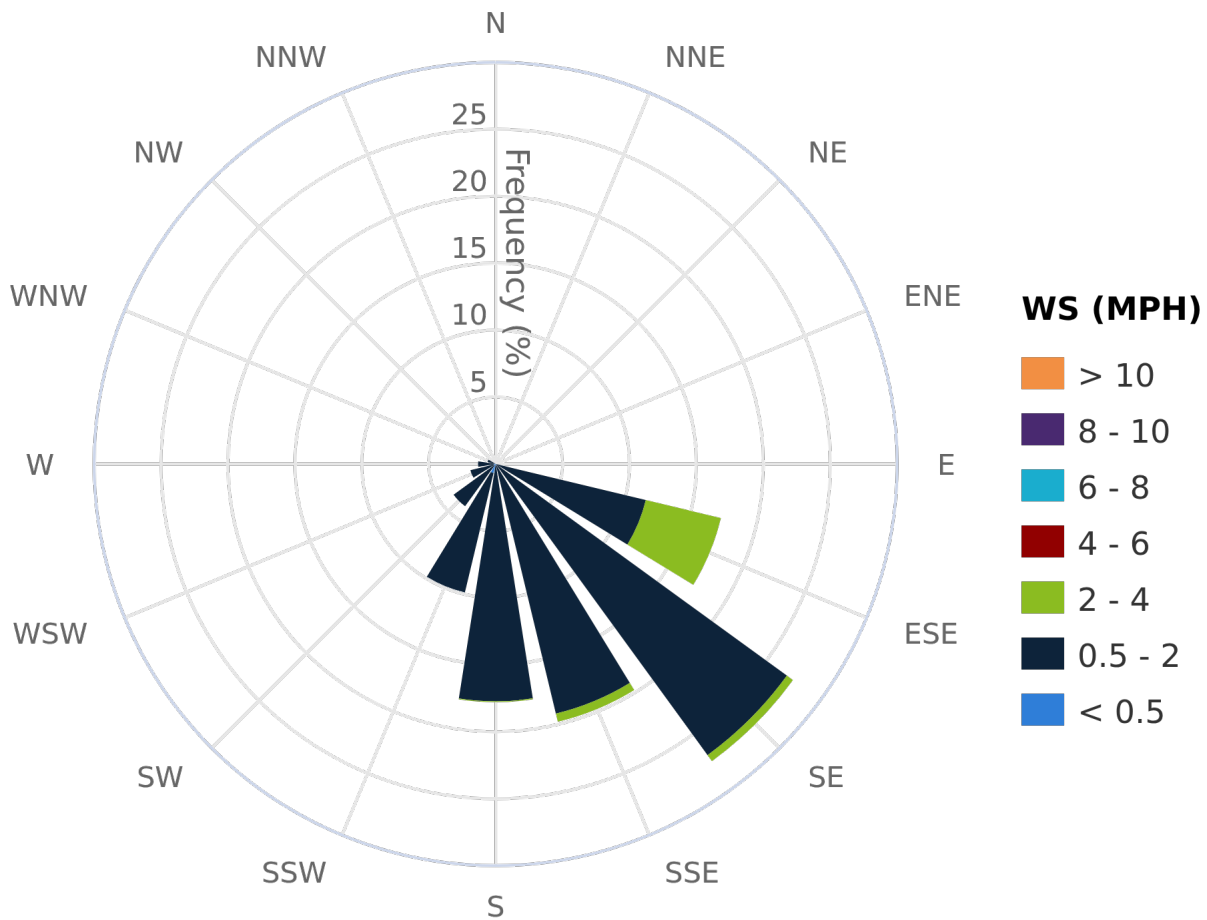


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

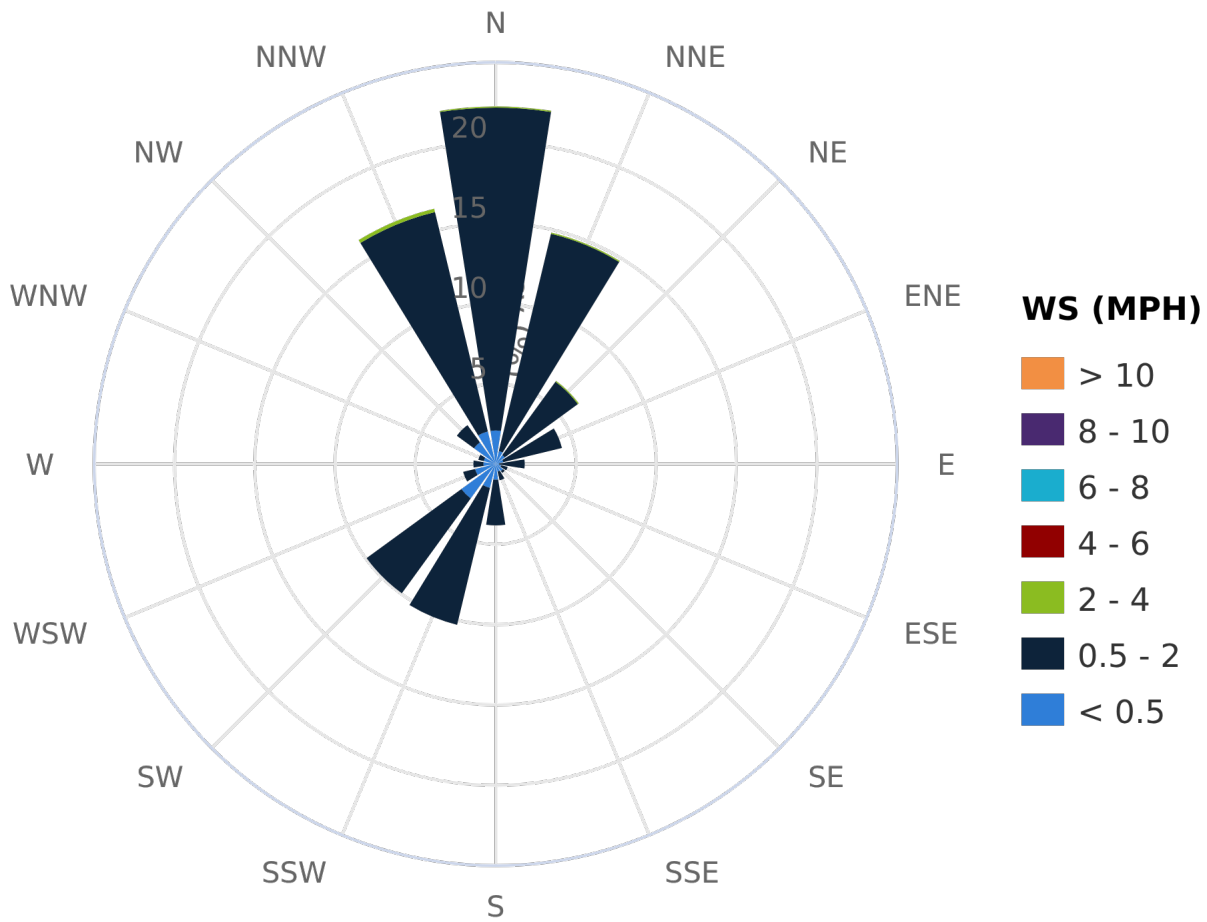


Figure 3 : Wind Rose Chart (WS in MPH)



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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	10.4	8.8	11.7	10.5	5.3	4.6	5.4	5.9	0.000	0.000	0.010	0.000
00:15:00	11.0	8.6	11.7	9.9	5.4	4.7	5.2	5.8	0.000	0.000	0.006	0.000
00:30:00	11.3	8.8	11.3	10.0	5.5	4.8	5.2	5.6	0.000	0.000	0.003	0.000
00:45:00	10.9	8.7	10.9	10.2	5.5	4.7	5.2	5.6	0.000	0.000	0.000	0.000
01:00:00	10.9	8.6	11.0	10.4	5.5	4.8	5.3	5.6	0.000	0.000	0.000	0.000
01:15:00	11.3	8.6	10.9	10.1	5.6	4.7	5.3	5.6	0.000	0.000	0.000	0.000
01:30:00	11.3	8.7	11.8	10.0	5.7	4.7	5.3	5.7	0.000	0.000	0.000	0.000
01:45:00	11.7	8.7	11.4	10.5	5.8	4.8	5.5	5.7	0.000	0.000	0.000	0.000
02:00:00	11.4	8.9	11.7	10.8	5.7	4.8	5.5	5.6	0.000	0.000	0.000	0.000
02:15:00	11.6	8.8	11.2	10.3	5.9	4.8	5.4	5.8	0.000	0.000	0.000	0.000
02:30:00	11.7	8.7	11.5	10.0	6.0	4.8	5.4	5.7	0.000	0.000	0.000	0.000
02:45:00	11.2	8.7	11.6	9.9	5.9	4.9	5.3	5.7	0.000	0.000	0.000	0.000
03:00:00	10.9	8.8	11.4	10.3	5.8	4.8	5.3	5.7	0.000	0.000	0.000	0.000
03:15:00	10.1	8.3	11.8	9.6	5.5	4.6	5.3	5.6	0.000	0.000	0.000	0.000
03:30:00	9.7	8.0	12.1	9.5	5.3	4.4	5.2	5.5	0.000	0.000	0.000	0.000
03:45:00	9.5	7.5	10.2	9.0	5.1	4.3	4.9	5.4	0.000	0.000	0.000	0.000
04:00:00	9.1	7.7	10.1	9.1	5.0	4.2	4.7	5.1	0.000	0.000	0.000	0.000
04:15:00	8.6	7.4	10.0	8.9	4.8	4.0	4.7	5.1	0.000	0.000	0.000	0.000
04:30:00	9.0	7.2	9.4	8.4	4.7	3.9	4.5	4.9	0.000	0.000	0.000	0.000
04:45:00	9.0	7.3	10.0	7.8	4.6	4.0	4.2	5.0	0.000	0.000	0.000	0.000
05:00:00	8.4	7.1	10.6	7.7	4.4	3.8	4.0	4.7	0.000	0.000	0.000	0.000
05:15:00	8.0	7.1	9.9	7.0	4.3	3.9	3.9	4.5	0.000	0.000	0.000	0.000
05:30:00	8.3	6.6	9.5	7.0	4.5	3.7	4.0	4.4	0.000	0.000	0.000	0.000
05:45:00	9.2	6.6	10.0	7.2	5.0	3.7	4.2	4.3	0.000	0.000	0.000	0.000
06:00:00	8.6	6.6	9.8	7.1	4.5	3.6	4.8	4.2	0.000	0.000	0.000	0.000
06:15:00	8.8	7.3	8.6	6.4	4.6	3.9	4.0	4.1	0.000	0.000	0.000	0.000
06:30:00	8.6	15.7	8.4	7.6	4.8	7.0	4.6	4.1	0.000	0.000	0.000	0.000
06:45:00	8.7	11.3	9.8	11.3	4.3	6.3	5.1	4.4	0.000	0.000	0.000	0.000
07:00:00	8.4	9.5	8.7	19.7	4.5	5.0	6.4	4.4	0.000	0.000	0.000	0.000
07:15:00	8.2	8.0	7.5	16.3	4.4	4.4	6.3	4.1	0.000	0.000	0.000	0.000
07:30:00	9.9	11.5	7.7	15.1	5.0	5.8	6.1	4.2	0.000	0.000	0.000	0.000
07:45:00	13.9	14.4	8.3	11.6	6.8	7.1	5.9	4.1	0.000	0.000	0.000	0.000
08:00:00	14.9	14.8	14.2	20.0	6.9	7.6	7.6	6.6	0.000	0.000	0.000	0.000
08:15:00	51.9	16.9	16.9	18.4	12.2	8.5	8.0	8.7	0.000	0.000	0.000	0.000
08:30:00	64.1	18.9	21.5	22.0	14.6	9.3	10.7	10.7	0.000	0.000	0.000	0.000
08:45:00	29.9	26.0	28.4	31.4	13.9	12.4	14.6	13.9	0.000	0.000	0.000	0.000
09:00:00	37.4	32.5	34.6	38.3	18.1	15.9	18.4	17.9	0.000	0.000	0.000	0.000
09:15:00	78.8	41.5	40.9	42.1	25.4	20.3	20.9	20.9	0.000	0.000	0.000	0.000
09:30:00	50.7	46.0	45.7	46.4	24.4	23.2	23.0	23.4	0.000	0.000	0.000	0.000
09:45:00	54.4	50.5	50.0	52.8	27.8	26.1	26.6	26.2	0.000	0.000	0.000	0.000
10:00:00	75.3	51.2	52.1	58.2	31.0	27.4	28.4	27.4	0.000	0.000	0.000	0.000
10:15:00	58.2	51.4	52.5	53.9	29.7	27.5	27.8	27.8	0.000	0.000	0.000	0.000
10:30:00	91.9	53.3	51.6	55.3	33.3	28.5	28.4	28.1	0.001	0.000	0.000	0.000
10:45:00	70.0	50.7	50.9	55.1	31.4	27.3	28.7	27.9	0.002	0.000	0.000	0.000
11:00:00	56.5	52.7	47.7	52.9	30.1	28.7	28.6	26.0	0.006	0.000	0.000	0.003
11:15:00	113.3	53.7	52.7	55.4	36.7	28.7	29.4	28.6	0.008	0.000	0.000	0.004
11:30:00	59.5	54.3	54.9	56.8	31.2	29.0	30.0	29.2	0.007	0.000	0.000	0.008
11:45:00	61.8	56.0	56.4	58.8	31.8	29.7	30.6	29.8	0.011	0.001	0.000	0.010



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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	59.8	55.9	53.9	56.3	31.0	29.5	29.8	29.0	0.012	0.001	0.000	0.011
12:15:00	56.7	51.7	53.3	55.8	30.0	28.2	29.5	28.9	0.009	0.000	0.000	0.015
12:30:00	66.0	51.9	53.1	60.2	31.8	28.1	30.4	28.5	0.012	0.000	0.000	0.015
12:45:00	160.2	53.4	54.2	48.7	40.0	28.3	25.4	28.6	0.013	0.001	0.000	0.015
13:00:00	58.2	55.1	54.8	58.0	29.8	28.7	29.9	28.8	0.011	0.001	0.000	0.015
13:15:00	66.4	56.6	56.5	58.5	32.1	29.3	30.5	29.7	0.011	0.001	0.000	0.012
13:30:00	83.3	56.3	55.0	56.3	32.9	29.4	29.9	29.1	0.010	0.000	0.000	0.015
13:45:00	61.0	55.7	54.8	58.6	31.0	29.1	30.1	28.6	0.007	0.001	0.000	0.014
14:00:00	69.8	57.4	55.9	57.0	32.1	29.3	29.7	29.3	0.008	0.001	0.000	0.013
14:15:00	69.9	57.4	54.3	56.5	32.0	29.0	29.1	28.3	0.009	0.001	0.000	0.014
14:30:00	60.0	53.9	54.0	54.6	29.8	27.8	28.2	27.8	0.009	0.001	0.000	0.015
14:45:00	89.8	51.7	51.8	52.3	32.3	27.2	27.2	26.9	0.008	0.001	0.000	0.013
15:00:00	53.3	49.5	47.9	49.5	27.3	25.6	26.1	25.5	0.010	0.001	0.000	0.014
15:15:00	50.7	49.3	45.2	44.5	26.2	25.3	23.8	23.8	0.010	0.001	0.000	0.011
15:30:00	83.5	44.0	41.1	42.5	27.7	22.9	22.8	22.1	0.009	0.001	0.000	0.010
15:45:00	45.7	41.7	41.6	43.9	23.6	22.2	22.8	22.1	0.007	0.001	0.000	0.010
16:00:00	50.1	41.2	38.8	43.7	23.0	21.5	22.0	20.8	0.006	0.001	0.000	0.010
16:15:00	51.2	42.0	42.9	44.1	24.3	21.6	22.5	22.4	0.006	0.000	0.000	0.012
16:30:00	44.8	38.2	34.4	35.4	20.8	20.1	18.7	18.3	0.007	0.000	0.000	0.010
16:45:00	41.5	29.0	27.6	29.1	16.9	15.6	14.9	14.6	0.005	0.000	0.000	0.010
17:00:00	56.2	31.8	31.1	30.9	19.7	16.1	16.0	16.1	0.007	0.000	0.000	0.009
17:15:00	33.0	31.2	29.7	30.8	16.8	16.2	15.6	15.5	0.006	0.000	0.000	0.005
17:30:00	34.7	29.5	30.2	31.8	16.7	15.3	15.9	15.4	0.007	0.000	0.000	0.005
17:45:00	43.5	27.8	27.7	29.2	16.4	14.1	14.4	13.9	0.005	0.000	0.000	0.004
18:00:00	23.6	22.4	22.4	23.0	11.7	11.5	11.1	11.1	0.003	0.000	0.000	0.005
18:15:00	66.2	18.7	19.1	21.1	15.2	10.0	10.1	9.9	0.002	0.000	0.000	0.002
18:30:00	20.5	18.7	18.7	19.5	10.8	10.0	10.2	10.0	0.000	0.000	0.000	0.001
18:45:00	43.1	19.9	21.1	21.3	13.6	10.7	11.1	11.1	0.000	0.000	0.000	0.000
19:00:00	26.1	23.9	23.4	25.8	13.6	12.7	12.9	12.6	0.000	0.000	0.000	0.000
19:15:00	76.1	26.6	26.6	27.4	19.1	13.8	13.9	13.7	0.000	0.000	0.000	0.000
19:30:00	30.6	27.3	26.8	27.1	15.0	13.8	13.9	13.7	0.000	0.000	0.000	0.000
19:45:00	67.8	26.3	30.4	27.1	18.1	13.3	13.6	13.5	0.000	0.000	0.000	0.000
20:00:00	25.6	23.1	22.7	23.5	12.9	12.0	12.5	12.0	0.000	0.000	0.000	0.000
20:15:00	23.1	20.6	19.7	30.3	12.3	11.2	13.4	11.1	0.000	0.000	0.000	0.000
20:30:00	54.6	19.9	18.9	19.7	15.8	11.0	11.0	10.8	0.000	0.000	0.000	0.000
20:45:00	21.6	20.0	19.4	20.2	12.3	11.3	11.5	11.1	0.000	0.000	0.000	0.000
21:00:00	23.1	21.9	22.3	21.9	13.2	12.4	12.6	12.6	0.000	0.000	0.000	0.000
21:15:00	27.1	24.8	24.3	25.8	14.9	13.7	14.1	13.7	0.000	0.000	0.000	0.000
21:30:00	123.2	28.0	25.8	27.3	26.1	15.2	15.1	14.9	0.000	0.000	0.000	0.000
21:45:00	85.3	30.5	27.0	28.7	23.0	16.0	15.8	15.5	0.000	0.000	0.000	0.000
22:00:00	93.2	31.9	29.4	30.6	25.3	16.9	16.9	16.8	0.000	0.000	0.000	0.000
22:15:00	34.3	33.5	30.6	31.5	18.8	18.1	17.5	17.4	0.000	0.000	0.000	0.000
22:30:00	35.5	33.5	30.5	32.5	19.3	18.4	17.9	17.5	0.000	0.000	0.000	0.000
22:45:00	36.3	34.1	31.9	34.4	19.9	18.8	18.7	18.3	0.000	0.000	0.000	0.000
23:00:00	38.2	34.9	33.9	35.2	20.6	19.2	19.4	19.2	0.000	0.000	0.000	0.000
23:15:00	37.7	35.4	33.6	34.3	20.6	19.5	19.0	19.0	0.000	0.000	0.000	0.000
23:30:00	34.4	32.4	31.2	31.9	19.2	18.2	17.9	18.0	0.000	0.000	0.000	0.000
23:45:00	31.2	29.6	28.1	29.0	17.9	17.0	16.7	16.6	0.000	0.000	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. 3061 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2997 - 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)
11:15:00					36.7							
12:45:00	160.2				40.0							