



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-04-09

**Table 1 : Weather Summary**

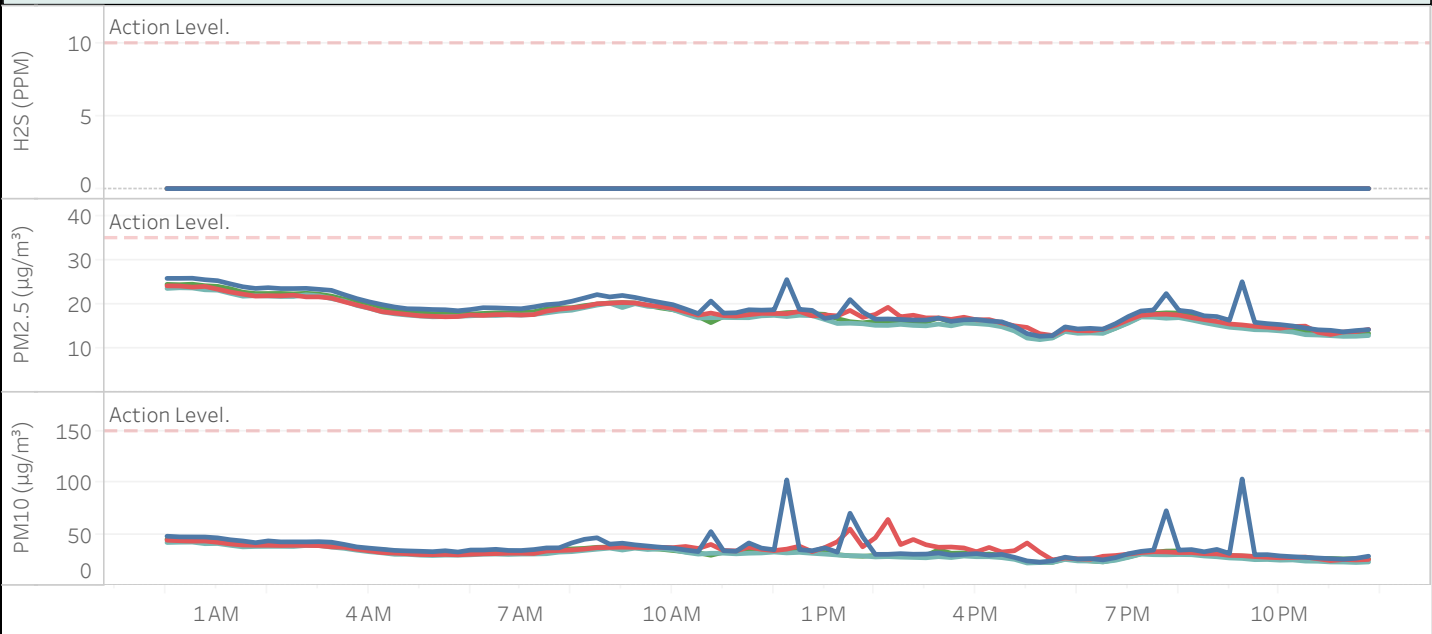
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.29 to 13.67	2943 E	3061 N	2996 SE	2997 NNE	Min : 59.36 Max : 85.10	Min : 49.80 Max : 84.00	Min : 30.15 Max : 30.38

**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)
2943	37.2	103.4	18.9	25.9	0.001	0.012
2996	34.8	64.2	17.8	24.1	0.000	0.000
2997	30.7	42.3	17.1	23.7	0.002	0.018
3061	32.6	45.2	17.7	24.5	0.000	0.002



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

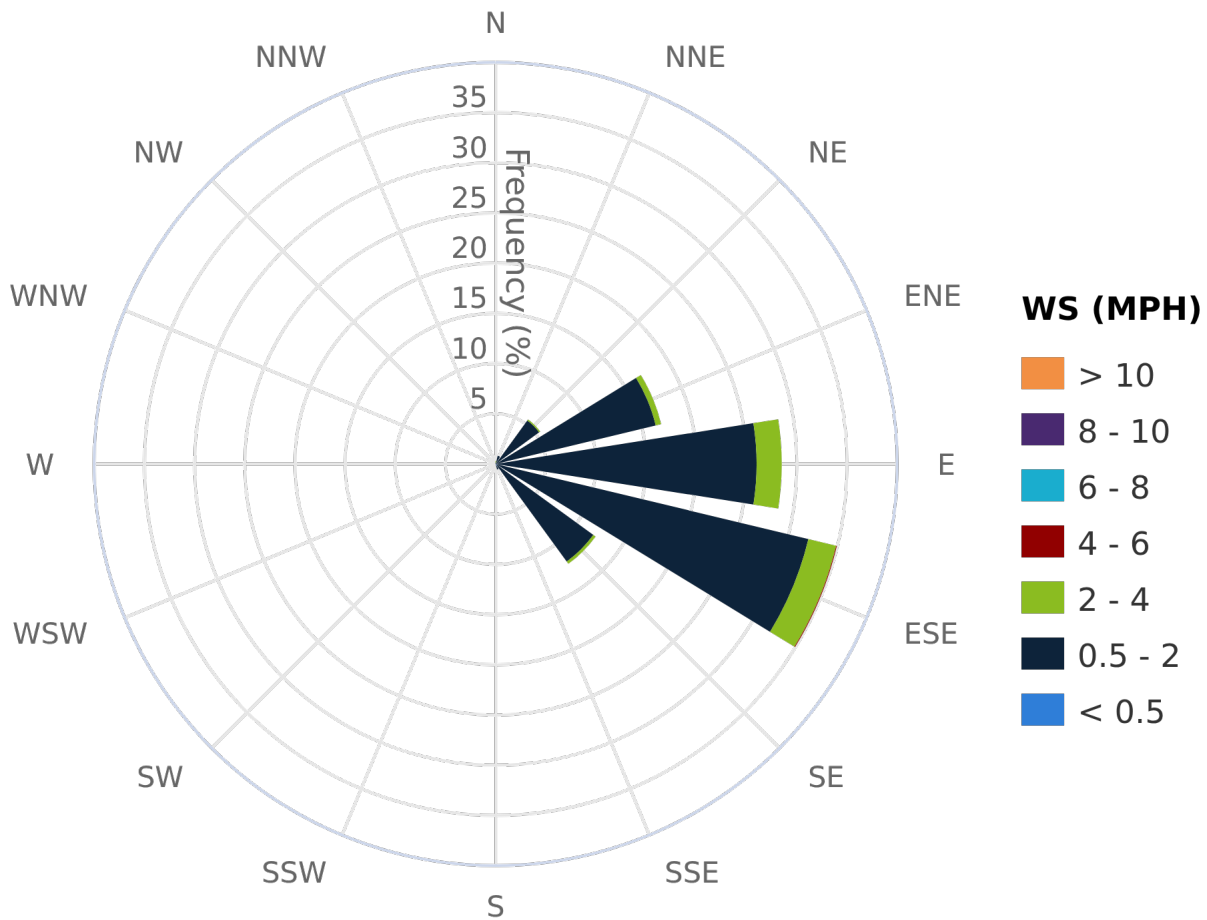


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

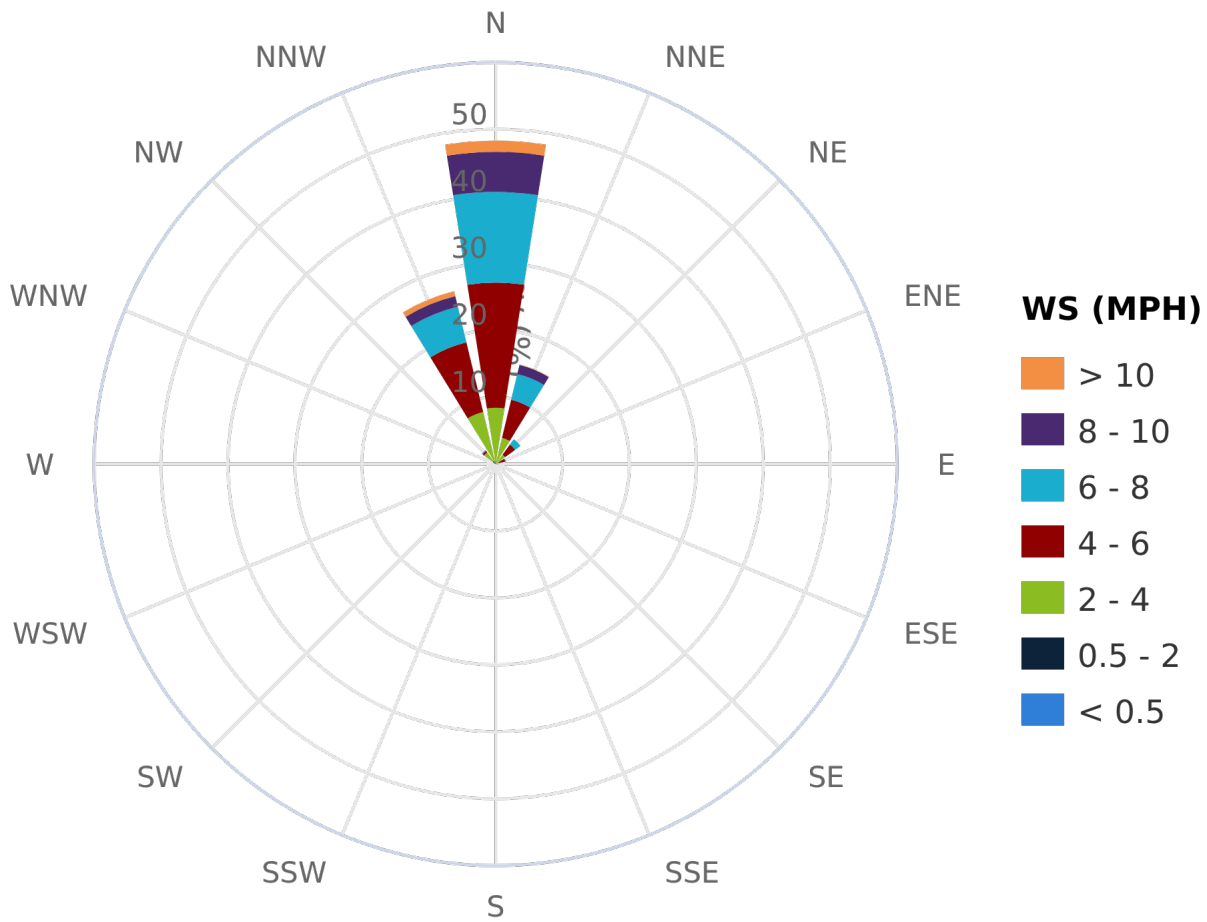


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

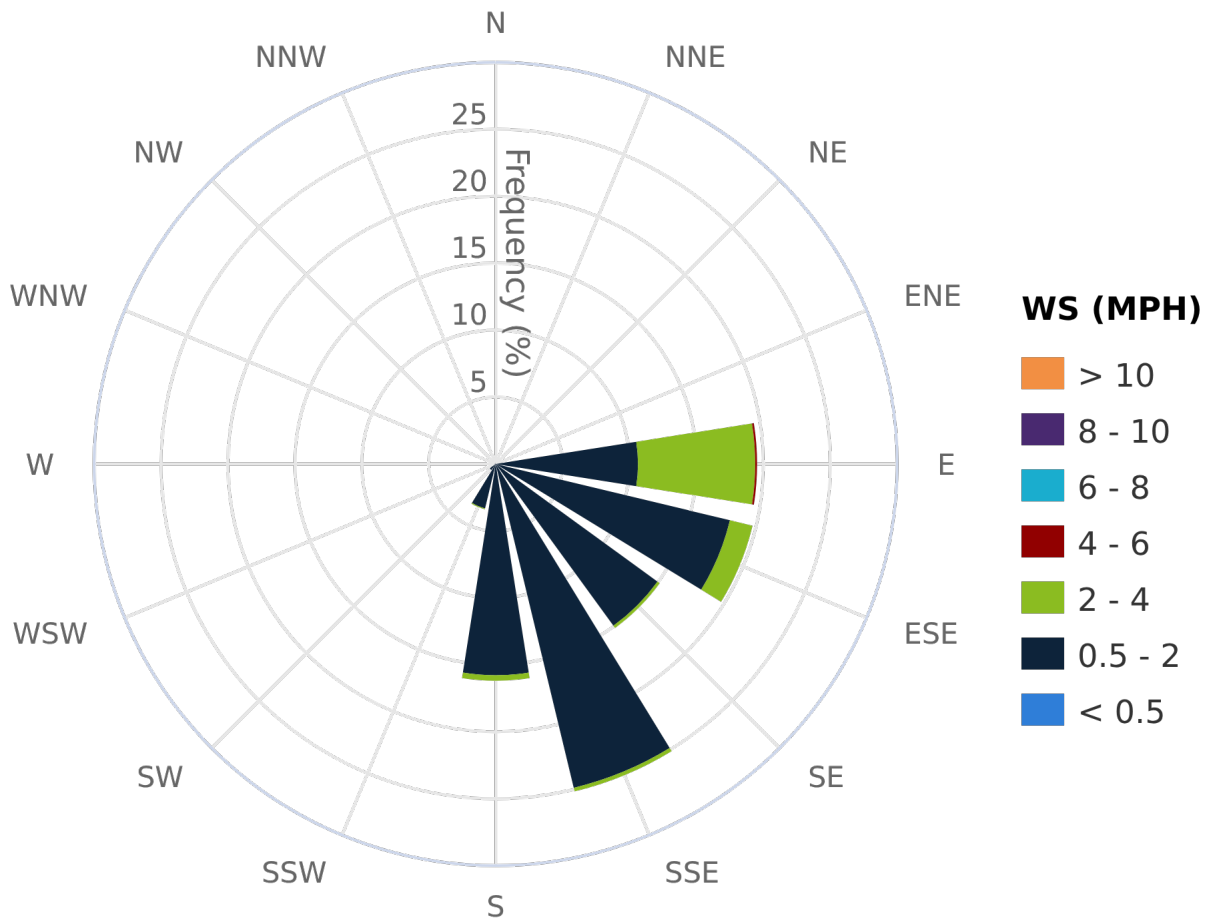


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2026-04-09

Wind Rose Chart 2997

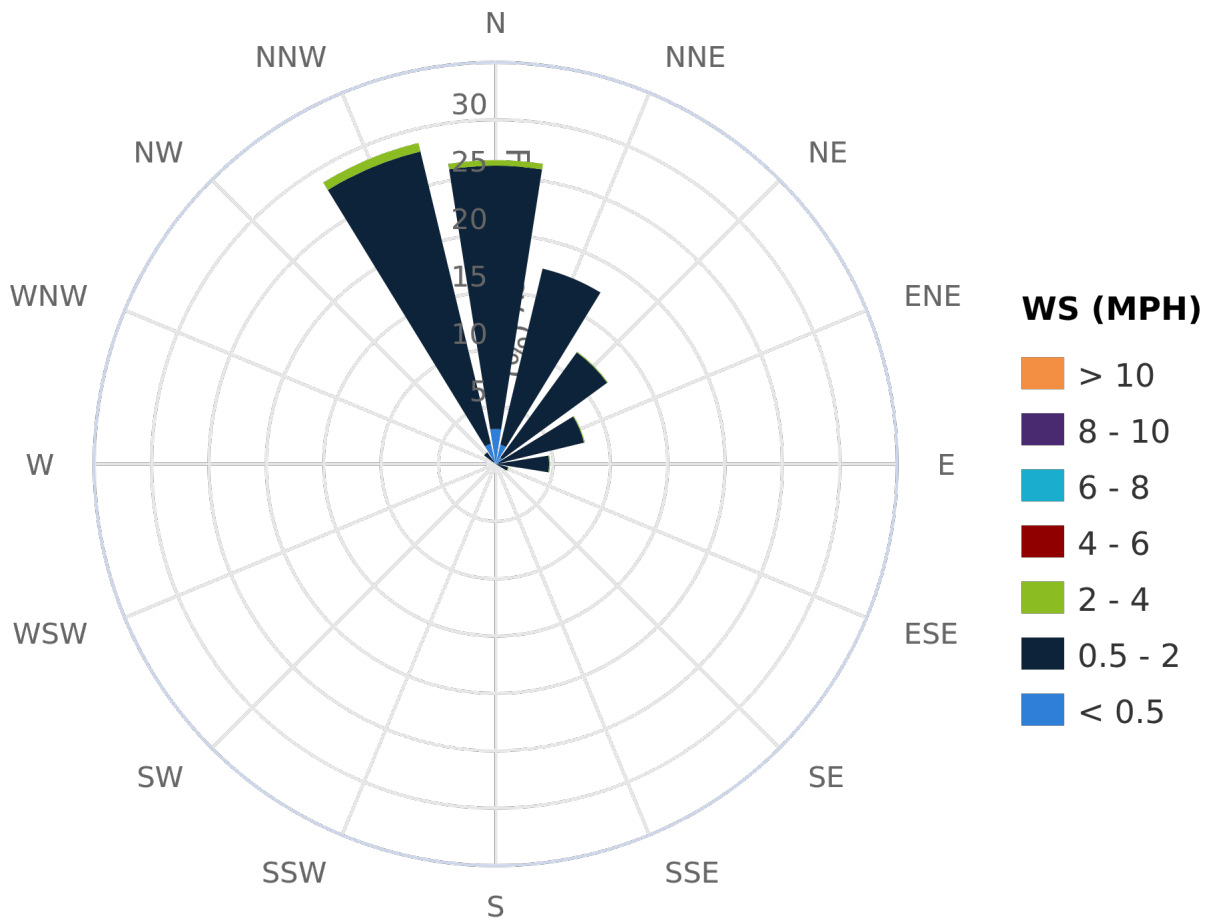


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-04-09

**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	48.0	45.2	41.9	44.1	25.8	24.5	24.1	23.5	0.000	0.000	0.000	0.000
00:15:00	47.3	44.4	42.2	43.6	25.8	24.4	24.1	23.7	0.000	0.000	0.000	0.000
00:30:00	47.3	44.5	42.3	43.3	25.9	24.5	23.8	23.6	0.000	0.000	0.000	0.000
00:45:00	47.2	44.3	40.7	43.3	25.5	24.2	24.0	23.2	0.000	0.000	0.000	0.000
01:00:00	46.4	43.8	40.9	42.1	25.3	24.0	23.4	23.2	0.000	0.000	0.000	0.000
01:15:00	44.5	42.0	39.2	40.5	24.6	23.5	22.7	22.4	0.000	0.000	0.000	0.000
01:30:00	43.4	40.5	37.7	39.5	23.9	22.7	22.3	21.8	0.000	0.000	0.000	0.000
01:45:00	41.7	40.3	38.0	39.2	23.5	22.4	21.8	21.9	0.000	0.000	0.000	0.000
02:00:00	43.5	40.2	38.2	39.2	23.7	22.4	21.9	21.8	0.000	0.000	0.000	0.000
02:15:00	42.5	40.3	38.2	39.0	23.5	22.4	21.9	21.7	0.000	0.000	0.000	0.000
02:30:00	42.5	40.5	38.0	39.1	23.5	22.3	22.0	21.7	0.000	0.000	0.000	0.000
02:45:00	42.5	40.3	39.0	39.1	23.6	22.5	21.6	22.1	0.000	0.000	0.000	0.000
03:00:00	42.7	40.7	38.9	38.8	23.3	22.3	21.6	21.9	0.000	0.000	0.000	0.000
03:15:00	42.2	39.8	37.4	37.7	23.1	21.8	21.3	21.3	0.000	0.000	0.000	0.000
03:30:00	40.1	38.5	36.2	37.3	22.1	21.1	20.5	20.7	0.000	0.000	0.000	0.000
03:45:00	37.6	36.9	34.4	35.4	21.2	20.5	19.8	19.7	0.000	0.000	0.000	0.000
04:00:00	36.4	35.4	33.0	33.8	20.5	19.8	19.1	19.1	0.000	0.000	0.000	0.000
04:15:00	35.4	34.9	31.9	32.2	19.9	19.3	18.3	18.2	0.000	0.000	0.000	0.000
04:30:00	34.3	33.7	30.5	31.6	19.3	18.8	18.0	17.8	0.000	0.000	0.000	0.000
04:45:00	33.8	32.7	30.4	31.0	19.0	18.4	17.7	17.5	0.000	0.000	0.000	0.000
05:00:00	33.4	32.2	29.7	30.2	18.9	18.1	17.4	17.3	0.000	0.000	0.000	0.000
05:15:00	33.0	31.8	29.3	30.1	18.8	17.8	17.3	17.1	0.000	0.000	0.000	0.000
05:30:00	33.9	31.4	29.7	30.3	18.7	17.8	17.1	17.2	0.000	0.000	0.000	0.000
05:45:00	32.7	31.5	29.6	29.9	18.5	17.9	17.2	17.3	0.000	0.000	0.000	0.000
06:00:00	34.6	32.0	30.0	30.5	18.8	17.8	17.6	17.4	0.000	0.000	0.000	0.000
06:15:00	34.6	32.5	30.5	31.0	19.2	17.9	17.4	17.5	0.000	0.000	0.000	0.000
06:30:00	35.3	32.5	30.7	31.1	19.2	18.0	17.6	17.4	0.000	0.000	0.000	0.000
06:45:00	34.2	32.7	30.3	31.5	19.0	18.1	17.6	17.6	0.000	0.000	0.000	0.000
07:00:00	34.1	32.8	30.7	31.5	19.0	18.1	17.5	17.5	0.000	0.000	0.000	0.000
07:15:00	35.1	33.0	30.7	31.3	19.4	18.3	17.6	17.7	0.000	0.000	0.000	0.000
07:30:00	36.7	34.5	31.0	33.6	19.9	18.9	18.4	18.0	0.000	0.000	0.000	0.000
07:45:00	36.8	35.4	32.6	34.1	20.1	19.2	18.9	18.4	0.000	0.000	0.000	0.000
08:00:00	41.5	35.7	33.0	34.6	20.6	19.2	19.1	18.6	0.000	0.000	0.000	0.000
08:15:00	45.0	36.2	34.3	35.5	21.4	19.7	19.5	19.2	0.000	0.000	0.000	0.000
08:30:00	46.5	37.3	35.4	36.9	22.1	20.0	20.1	19.8	0.000	0.000	0.000	0.000
08:45:00	40.3	37.5	36.5	37.1	21.6	20.3	20.2	20.2	0.000	0.000	0.000	0.000
09:00:00	41.2	37.6	34.6	37.4	22.0	20.3	20.4	19.2	0.000	0.000	0.000	0.000
09:15:00	39.6	36.8	36.4	37.2	21.5	20.3	20.3	20.1	0.000	0.001	0.000	0.000
09:30:00	38.5	36.2	35.1	37.0	20.9	19.7	19.8	19.5	0.001	0.000	0.000	0.000
09:45:00	37.3	35.4	35.8	37.3	20.4	19.1	19.4	19.4	0.003	0.000	0.000	0.001
10:00:00	36.5	34.1	34.8	36.9	19.9	18.7	19.0	18.8	0.006	0.001	0.000	0.002
10:15:00	34.6	32.9	32.3	38.1	18.9	18.1	18.2	17.8	0.012	0.001	0.000	0.000
10:30:00	33.1	31.9	30.6	36.1	17.9	17.2	17.5	16.9	0.012	0.001	0.000	0.003
10:45:00	52.5	29.6	31.5	40.0	20.7	15.8	18.0	16.9	0.012	0.002	0.000	0.006
11:00:00	33.9	32.5	31.5	34.2	18.0	17.2	17.4	17.0	0.009	0.002	0.000	0.009
11:15:00	33.4	32.2	30.9	33.8	18.1	17.3	17.3	16.9	0.008	0.001	0.000	0.014
11:30:00	41.5	33.5	31.5	37.5	18.7	17.7	17.6	16.9	0.006	0.001	0.000	0.016
11:45:00	36.5	33.6	31.8	35.3	18.6	17.7	17.9	17.4	0.003	0.002	0.000	0.017



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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	34.9	34.0	32.6	34.1	18.7	17.8	17.9	17.5	0.001	0.002	0.000	0.016
12:15:00	102.5	34.2	31.8	35.5	25.5	18.1	17.9	17.2	0.001	0.001	0.000	0.018
12:30:00	35.0	34.2	32.3	38.3	18.8	18.2	18.3	17.5	0.002	0.001	0.000	0.017
12:45:00	33.9	33.3	31.4	33.0	18.6	17.8	17.4	17.4	0.000	0.001	0.000	0.016
13:00:00	36.7	32.3	30.7	37.0	16.8	17.7	17.6	16.5	0.000	0.001	0.000	0.013
13:15:00	32.6	30.1	29.8	42.6	17.2	16.7	17.3	15.6	0.000	0.002	0.000	0.014
13:30:00	70.2	29.0	29.1	54.9	21.0	16.0	18.6	15.7	0.000	0.002	0.000	0.006
13:45:00	47.5	28.6	28.9	37.7	18.2	15.8	17.0	15.6	0.000	0.001	0.000	0.000
14:00:00	30.4	29.3	27.9	46.5	16.6	16.1	17.7	15.2	0.000	0.001	0.000	0.000
14:15:00	30.5	28.6	28.3	64.2	16.6	15.8	19.3	15.2	0.000	0.001	0.000	0.000
14:30:00	31.1	28.6	27.7	39.9	16.5	15.9	17.1	15.4	0.000	0.000	0.000	0.000
14:45:00	30.5	28.9	27.4	44.8	16.4	15.8	17.5	15.2	0.000	0.000	0.000	0.000
15:00:00	30.7	29.2	27.1	39.8	16.4	15.9	16.9	15.1	0.000	0.000	0.000	0.000
15:15:00	31.8	34.9	28.2	37.3	16.8	16.9	16.9	15.5	0.000	0.000	0.000	0.000
15:30:00	29.8	31.5	27.3	37.5	16.1	15.9	16.6	15.1	0.000	0.000	0.000	0.000
15:45:00	30.4	31.8	28.8	36.6	16.5	16.3	17.0	15.7	0.000	0.000	0.000	0.000
16:00:00	31.2	29.9	28.1	32.9	16.5	16.0	16.4	15.6	0.000	0.000	0.000	0.000
16:15:00	29.7	30.8	28.1	37.1	16.2	16.1	16.5	15.4	0.000	0.000	0.000	0.000
16:30:00	30.4	29.4	27.2	32.7	16.0	15.7	15.7	14.9	0.000	0.001	0.000	0.000
16:45:00	27.5	26.7	25.6	34.0	14.9	14.3	15.1	13.9	0.000	0.000	0.000	0.000
17:00:00	24.1	23.1	22.0	41.4	13.3	13.0	14.7	12.3	0.000	0.000	0.000	0.000
17:15:00	22.9	22.8	22.4	32.5	12.7	12.5	13.3	12.0	0.000	0.001	0.000	0.000
17:30:00	24.2	22.7	22.6	25.0	12.9	12.4	12.9	12.3	0.000	0.001	0.000	0.000
17:45:00	27.7	25.9	25.5	26.9	14.9	14.0	14.4	13.8	0.000	0.000	0.000	0.000
18:00:00	25.9	24.9	24.0	26.1	14.4	14.0	14.0	13.4	0.000	0.001	0.000	0.001
18:15:00	26.3	24.1	23.9	25.7	14.5	13.8	14.0	13.5	0.000	0.000	0.000	0.001
18:30:00	25.1	23.1	23.1	28.6	14.4	13.5	14.3	13.4	0.004	0.000	0.000	0.000
18:45:00	27.3	25.4	24.7	29.3	15.6	14.6	15.2	14.6	0.004	0.000	0.000	0.000
19:00:00	31.0	27.9	27.5	30.7	17.2	15.8	16.4	15.7	0.005	0.000	0.000	0.000
19:15:00	33.3	30.9	30.7	32.1	18.4	17.2	17.5	17.1	0.005	0.000	0.000	0.000
19:30:00	34.6	32.5	30.1	32.9	18.7	17.9	17.7	17.0	0.005	0.000	0.000	0.000
19:45:00	72.7	33.6	30.0	32.8	22.4	18.0	17.7	16.8	0.002	0.000	0.000	0.000
20:00:00	34.5	33.8	30.2	32.1	18.6	18.0	17.5	16.9	0.001	0.000	0.000	0.000
20:15:00	35.1	33.3	30.1	32.2	18.3	17.5	17.0	16.4	0.000	0.000	0.000	0.000
20:30:00	32.9	31.6	28.8	31.0	17.4	16.5	16.5	15.8	0.000	0.000	0.000	0.000
20:45:00	35.2	30.2	28.1	30.9	17.2	15.9	16.1	15.3	0.000	0.000	0.000	0.000
21:00:00	31.3	29.3	26.9	29.4	16.4	15.3	15.5	14.8	0.000	0.000	0.000	0.000
21:15:00	103.4	28.8	26.4	29.2	25.1	14.9	15.3	14.5	0.000	0.000	0.000	0.000
21:30:00	30.1	28.5	25.3	28.3	15.9	14.7	15.0	14.2	0.000	0.000	0.000	0.000
21:45:00	30.1	27.9	25.4	27.6	15.6	14.5	14.8	14.2	0.000	0.000	0.000	0.000
22:00:00	28.9	27.0	24.8	27.1	15.4	14.2	14.6	14.0	0.000	0.000	0.000	0.000
22:15:00	28.2	27.2	25.0	27.3	15.1	14.4	14.9	13.7	0.000	0.000	0.000	0.000
22:30:00	27.5	26.8	23.9	27.8	14.6	13.9	15.0	13.1	0.000	0.000	0.000	0.000
22:45:00	26.9	26.4	23.7	26.1	14.2	13.6	13.6	13.0	0.000	0.000	0.000	0.000
23:00:00	26.3	26.4	23.0	24.4	14.1	13.7	13.1	12.9	0.000	0.000	0.000	0.000
23:15:00	25.7	26.0	23.0	25.4	13.7	13.3	13.7	12.7	0.000	0.000	0.000	0.000
23:30:00	26.6	26.2	22.5	25.0	14.0	13.3	13.8	12.7	0.000	0.000	0.000	0.000
23:45:00	28.6	25.8	23.1	25.5	14.2	13.4	14.3	12.9	0.000	0.000	0.000	0.000

