



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-01-21

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 4.675	2943 ENE	3277 None	2996 SSE	2997 NW	Min : 33.44 Max : 80.78	Min : 35.40 Max : 81.30	Min : 30.22 Max : 30.54

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	12.1	53.8	7.6	45.8	0.001	0.018
2996	12.4	34.9	7.9	26.3	0.005	0.024
2997	14.9	51.2	9.8	37.8	0.000	0.010



Figure 1 : Monitoring Locations

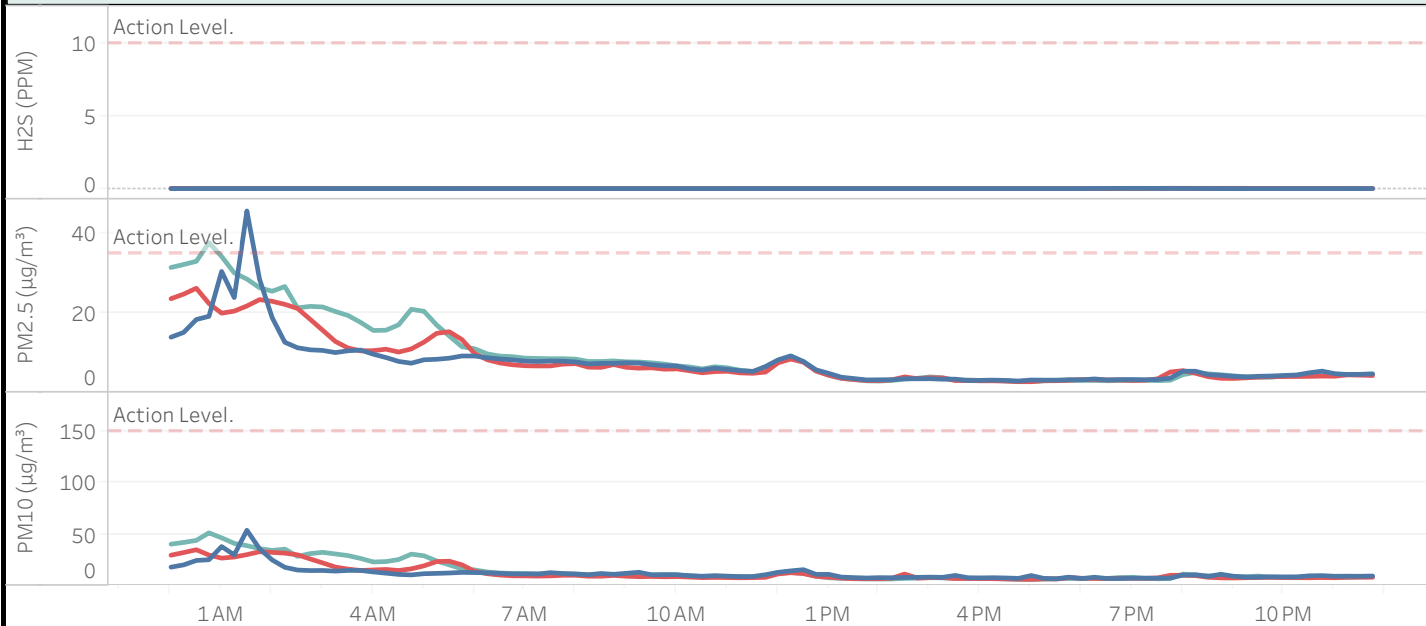


Figure 2 : 15 Minutes Average Concentrations

2943

2996

2997



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Wind Rose Chart 2943

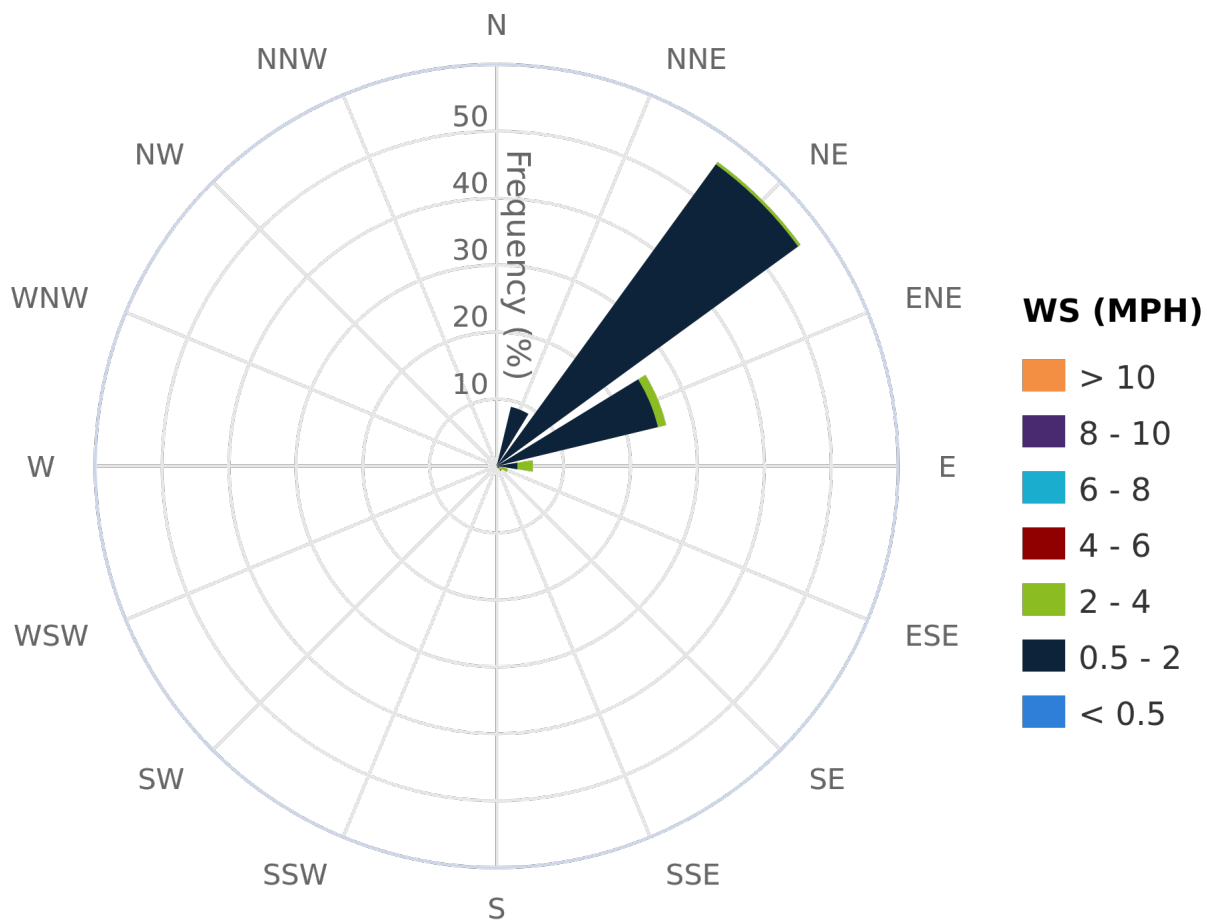


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2026-01-18

Wind Rose Chart 3277

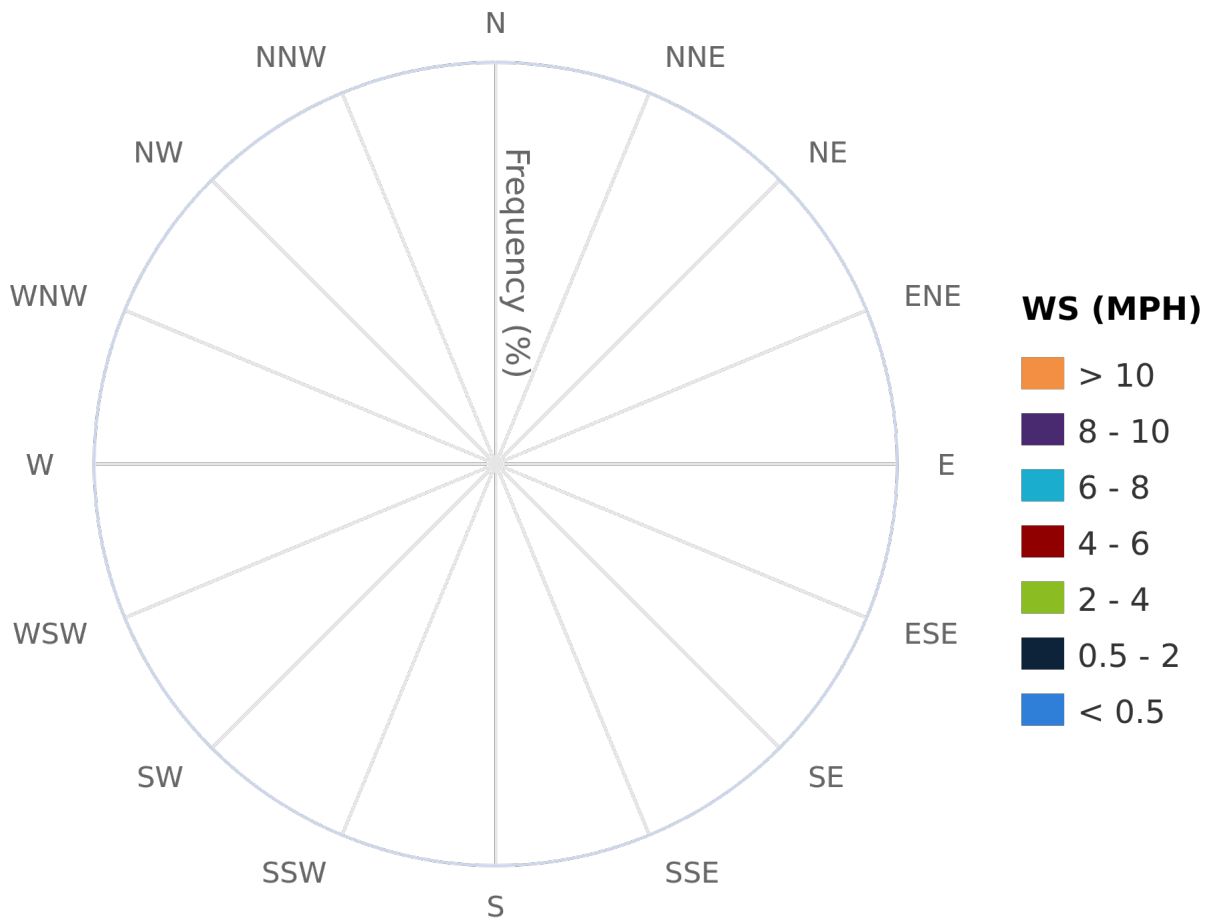


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2026-01-21

Wind Rose Chart 2996

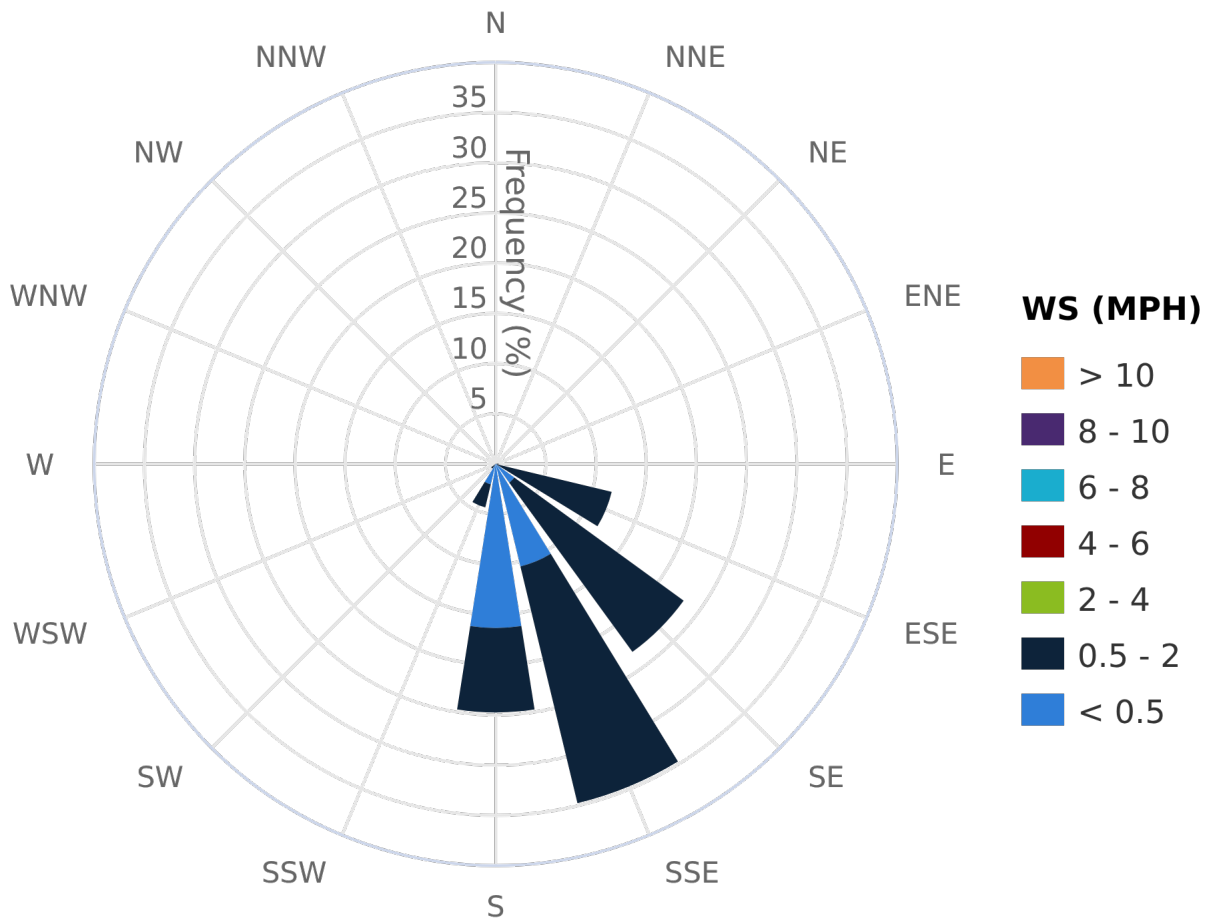


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

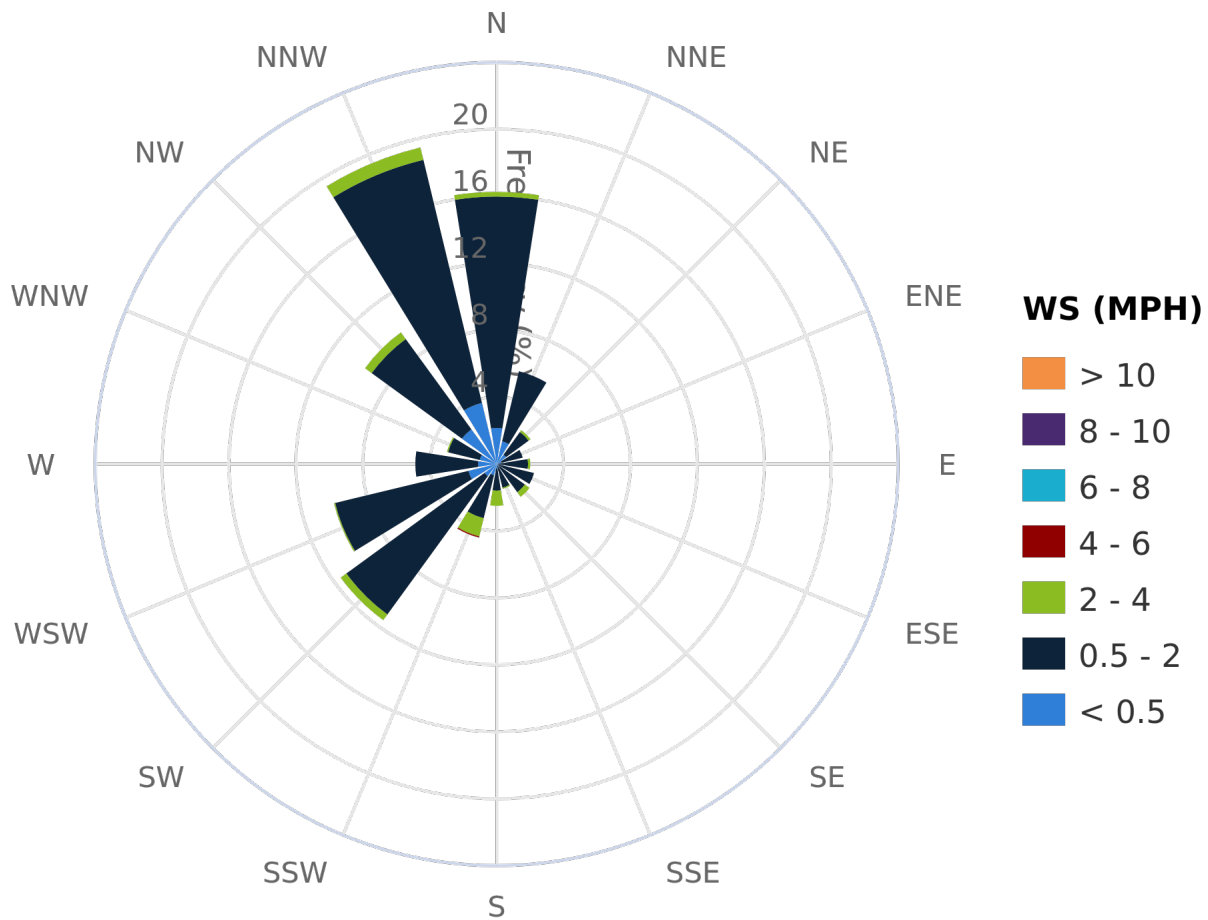


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	18.0		40.3	29.6	14.0		23.7	31.5	0.000		0.014	0.000
00:15:00	20.2		42.0	32.2	15.2		24.8	32.3	0.000		0.013	0.000
00:30:00	24.5		43.9	34.9	18.4		26.3	33.1	0.000		0.010	0.000
00:45:00	25.2		51.2	29.8	19.2		22.5	37.8	0.000		0.010	0.000
01:00:00	38.0		46.4	26.8	30.6		20.0	34.3	0.000		0.009	0.000
01:15:00	29.9		41.0	27.8	24.0		20.6	30.2	0.000		0.007	0.000
01:30:00	53.8		38.8	30.2	45.8		21.8	28.6	0.000		0.008	0.000
01:45:00	35.8		36.0	33.0	28.6		23.5	26.4	0.000		0.008	0.000
02:00:00	25.0		34.2	32.3	18.9		23.0	25.6	0.000		0.007	0.000
02:15:00	17.9		35.5	31.6	12.7		22.3	26.8	0.000		0.007	0.000
02:30:00	15.2		28.5	30.0	11.3		21.2	21.4	0.000		0.004	0.000
02:45:00	14.7		31.1	26.0	10.8		18.5	21.8	0.000		0.005	0.000
03:00:00	14.8		32.4	22.1	10.6		15.7	21.6	0.000		0.005	0.000
03:15:00	14.2		30.8	18.1	10.1		12.9	20.5	0.000		0.004	0.000
03:30:00	14.9		29.2	16.1	10.6		11.2	19.5	0.000		0.004	0.000
03:45:00	14.8		26.4	14.8	10.7		10.5	17.7	0.000		0.003	0.000
04:00:00	13.4		23.0	15.3	9.7		10.6	15.7	0.000		0.002	0.000
04:15:00	12.2		23.4	15.8	8.8		11.0	15.7	0.000		0.003	0.000
04:30:00	11.0		25.4	14.8	7.9		10.2	17.1	0.000		0.004	0.000
04:45:00	10.5		30.6	16.4	7.4		11.0	21.0	0.000		0.003	0.000
05:00:00	11.7		29.0	19.3	8.3		12.7	20.5	0.000		0.002	0.000
05:15:00	12.0		24.0	23.4	8.4		15.0	17.1	0.000		0.002	0.000
05:30:00	12.4		20.2	23.8	8.7		15.4	14.3	0.000		0.000	0.000
05:45:00	13.0		16.4	20.3	9.2		13.4	11.6	0.000		0.001	0.000
06:00:00	12.8		15.3	14.0	9.2		9.9	11.1	0.000		0.001	0.000
06:15:00	12.5		13.4	11.7	8.8		8.3	9.8	0.000		0.000	0.000
06:30:00	12.0		12.3	10.4	8.5		7.5	9.2	0.000		0.000	0.000
06:45:00	11.5		12.0	9.6	8.3		7.0	9.1	0.000		0.000	0.000
07:00:00	11.6		11.7	9.6	8.0		6.8	8.7	0.000		0.000	0.000
07:15:00	11.3		11.6	9.4	7.9		6.7	8.6	0.000		0.000	0.000
07:30:00	12.7		11.5	9.6	8.0		6.7	8.5	0.000		0.000	0.000
07:45:00	11.8		11.6	10.2	7.9		7.2	8.6	0.000		0.000	0.000
08:00:00	11.3		11.5	10.2	7.7		7.3	8.4	0.000		0.000	0.000
08:15:00	10.7		10.7	9.2	7.2		6.4	7.9	0.000		0.000	0.000
08:30:00	11.9		10.8	9.3	7.4		6.4	7.9	0.000		0.000	0.000
08:45:00	11.1		10.8	10.0	7.4		7.1	8.0	0.000		0.000	0.000
09:00:00	12.1		11.1	9.2	7.5		6.4	7.8	0.000		0.000	0.000
09:15:00	13.1		11.0	8.8	7.4		6.2	7.7	0.000		0.000	0.000
09:30:00	10.6		10.5	9.0	7.0		6.3	7.5	0.000		0.000	0.000
09:45:00	10.7		10.8	8.7	6.8		5.9	7.2	0.000		0.000	0.000
10:00:00	10.8		10.3	8.9	6.7		6.0	6.7	0.000		0.000	0.000
10:15:00	9.7		9.9	8.4	6.0		5.5	6.5	0.000		0.000	0.000
10:30:00	9.2		8.9	7.9	5.7		5.0	6.0	0.000		0.000	0.000
10:45:00	9.7		9.4	8.1	6.2		5.3	6.5	0.000		0.000	0.000
11:00:00	9.3		9.1	7.9	5.9		5.4	6.3	0.000		0.000	0.000
11:15:00	8.9		8.6	7.7	5.5		5.0	5.6	0.001		0.000	0.000
11:30:00	9.0		8.4	7.9	5.3		4.9	5.4	0.001		0.000	0.000
11:45:00	10.7		9.5	8.2	6.6		5.2	6.1	0.000		0.000	0.001



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Table 3 : 15 Minute Average Concentrations (PM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	13.0		12.0	11.5	8.3		7.5	8.1	0.000		0.000	0.000
12:15:00	14.4		12.8	12.7	9.3		8.5	8.7	0.000		0.000	0.000
12:30:00	15.6		11.9	11.8	7.9		7.7	7.8	0.000		0.000	0.000
12:45:00	11.0		9.2	9.1	5.8		5.4	5.5	0.000		0.000	0.000
13:00:00	11.0		7.7	8.3	4.9		4.4	4.4	0.000		0.000	0.000
13:15:00	8.4		7.2	7.4	3.9		3.6	3.6	0.000		0.000	0.000
13:30:00	7.9		6.8	6.9	3.5		3.3	3.3	0.000		0.000	0.000
13:45:00	7.5		6.7	6.8	3.2		3.1	3.0	0.000		0.000	0.000
14:00:00	7.9		6.5	6.9	3.2		3.0	2.9	0.000		0.000	0.000
14:15:00	7.7		6.6	7.3	3.2		3.2	3.1	0.000		0.000	0.000
14:30:00	8.1		7.1	11.3	3.5		4.0	3.4	0.000		0.000	0.000
14:45:00	8.2		7.4	7.5	3.5		3.5	3.6	0.000		0.000	0.000
15:00:00	8.4		8.0	7.8	3.5		3.7	4.0	0.000		0.000	0.000
15:15:00	8.2		7.6	7.9	3.4		3.7	3.7	0.000		0.000	0.000
15:30:00	10.0		7.1	7.0	3.4		3.0	3.2	0.000		0.000	0.000
15:45:00	7.8		7.0	7.1	3.0		3.1	3.2	0.000		0.000	0.000
16:00:00	7.6		7.0	7.0	3.1		3.0	3.1	0.000		0.000	0.000
16:15:00	7.8		7.1	6.8	3.2		3.0	3.1	0.000		0.000	0.000
16:30:00	7.6		6.7	6.6	3.1		2.9	3.0	0.000		0.000	0.000
16:45:00	7.2		6.2	6.4	2.9		2.8	2.8	0.000		0.000	0.000
17:00:00	9.9		6.1	6.2	3.2		2.8	2.8	0.000		0.000	0.000
17:15:00	7.2		6.5	6.7	3.2		3.0	3.0	0.000		0.000	0.003
17:30:00	6.8		6.7	6.6	3.1		3.0	3.1	0.000		0.000	0.003
17:45:00	8.3		7.0	7.9	3.3		3.1	3.1	0.000		0.000	0.004
18:00:00	7.0		7.0	7.3	3.2		3.3	3.1	0.001		0.000	0.008
18:15:00	8.3		7.3	7.1	3.5		3.3	3.1	0.010		0.000	0.010
18:30:00	7.1		7.1	7.0	3.2		3.2	3.0	0.014		0.003	0.007
18:45:00	7.0		8.0	7.3	3.3		3.2	3.1	0.016		0.013	0.007
19:00:00	7.4		8.2	7.2	3.3		3.1	3.1	0.018		0.017	0.003
19:15:00	7.4		7.3	7.2	3.3		3.1	3.1	0.018		0.016	0.000
19:30:00	7.3		6.8	7.6	3.3		3.5	3.0	0.015		0.017	0.000
19:45:00	7.5		7.0	10.1	3.7		5.2	3.1	0.012		0.024	0.000
20:00:00	10.3		11.3	10.2	5.4		5.5	4.5	0.011		0.021	0.000
20:15:00	10.6		10.7	9.8	5.4		4.9	5.1	0.007		0.020	0.000
20:30:00	9.0		9.6	8.2	4.5		4.0	4.7	0.004		0.019	0.000
20:45:00	11.1		9.1	7.6	4.4		3.6	4.5	0.002		0.018	0.000
21:00:00	9.2		9.1	7.5	4.1		3.6	4.2	0.000		0.019	0.000
21:15:00	8.3		8.9	7.8	4.0		3.7	4.0	0.000		0.018	0.000
21:30:00	8.4		9.4	7.9	4.1		3.9	3.9	0.000		0.014	0.000
21:45:00	8.8		8.1	8.2	4.2		4.0	3.9	0.000		0.013	0.000
22:00:00	8.6		7.9	7.9	4.3		4.1	4.2	0.000		0.013	0.000
22:15:00	8.6		8.2	7.8	4.5		4.1	4.4	0.000		0.012	0.000
22:30:00	9.7		8.4	7.8	5.0		4.1	4.5	0.000		0.011	0.000
22:45:00	9.8		8.5	8.0	5.4		4.2	4.7	0.000		0.011	0.000
23:00:00	9.2		8.1	7.8	4.8		4.1	4.6	0.000		0.011	0.000
23:15:00	9.3		8.1	8.3	4.6		4.5	4.5	0.000		0.009	0.000
23:30:00	9.2		8.5	8.3	4.6		4.4	4.6	0.000		0.010	0.000
23:45:00	9.5		8.8	8.3	4.7		4.3	4.7	0.000		0.006	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. 3277 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:45:00								37.8				
01:30:00					45.8							