

Appendix F

Air Quality Monitoring Results and their Graphical Presentation

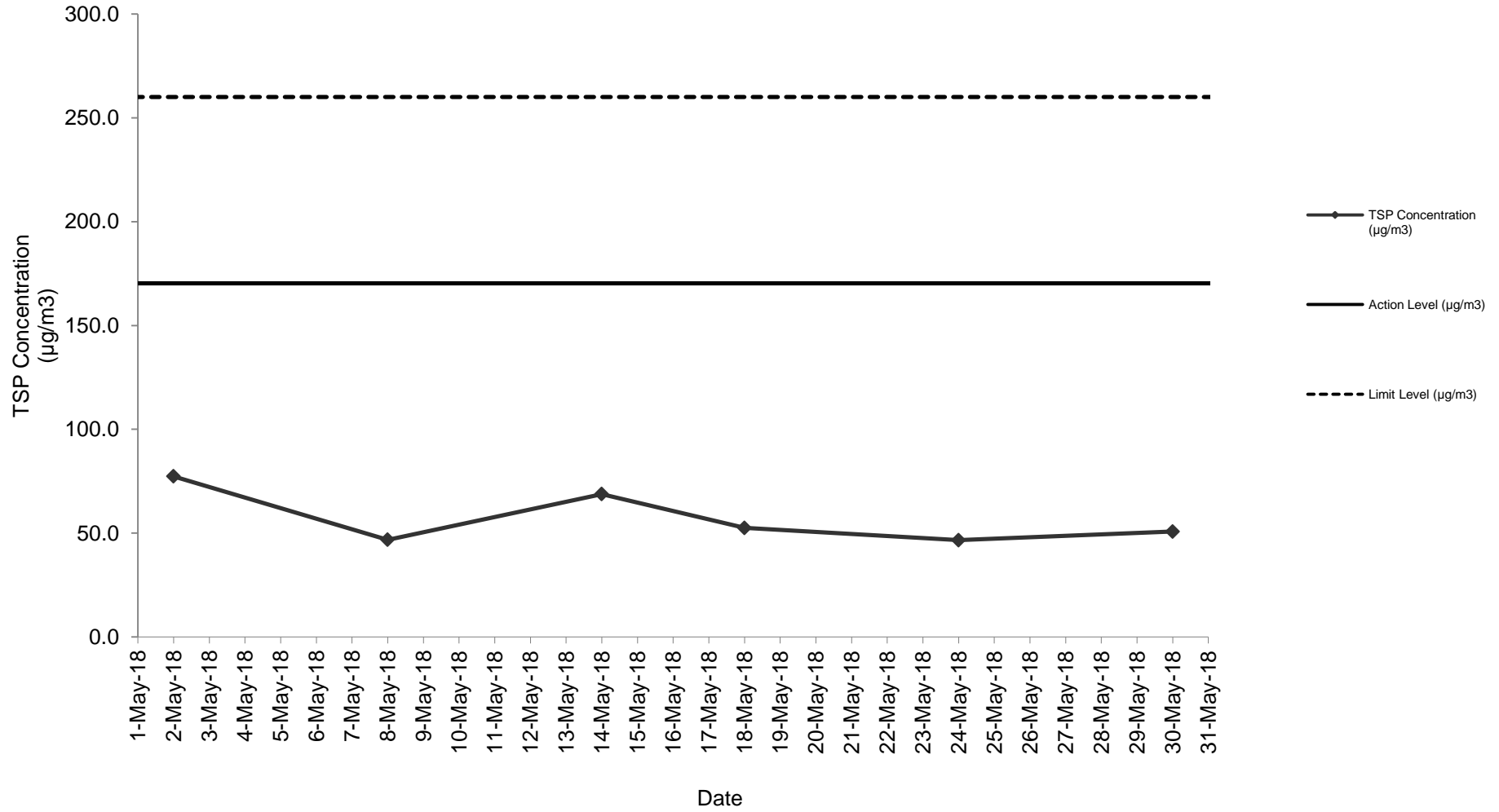
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

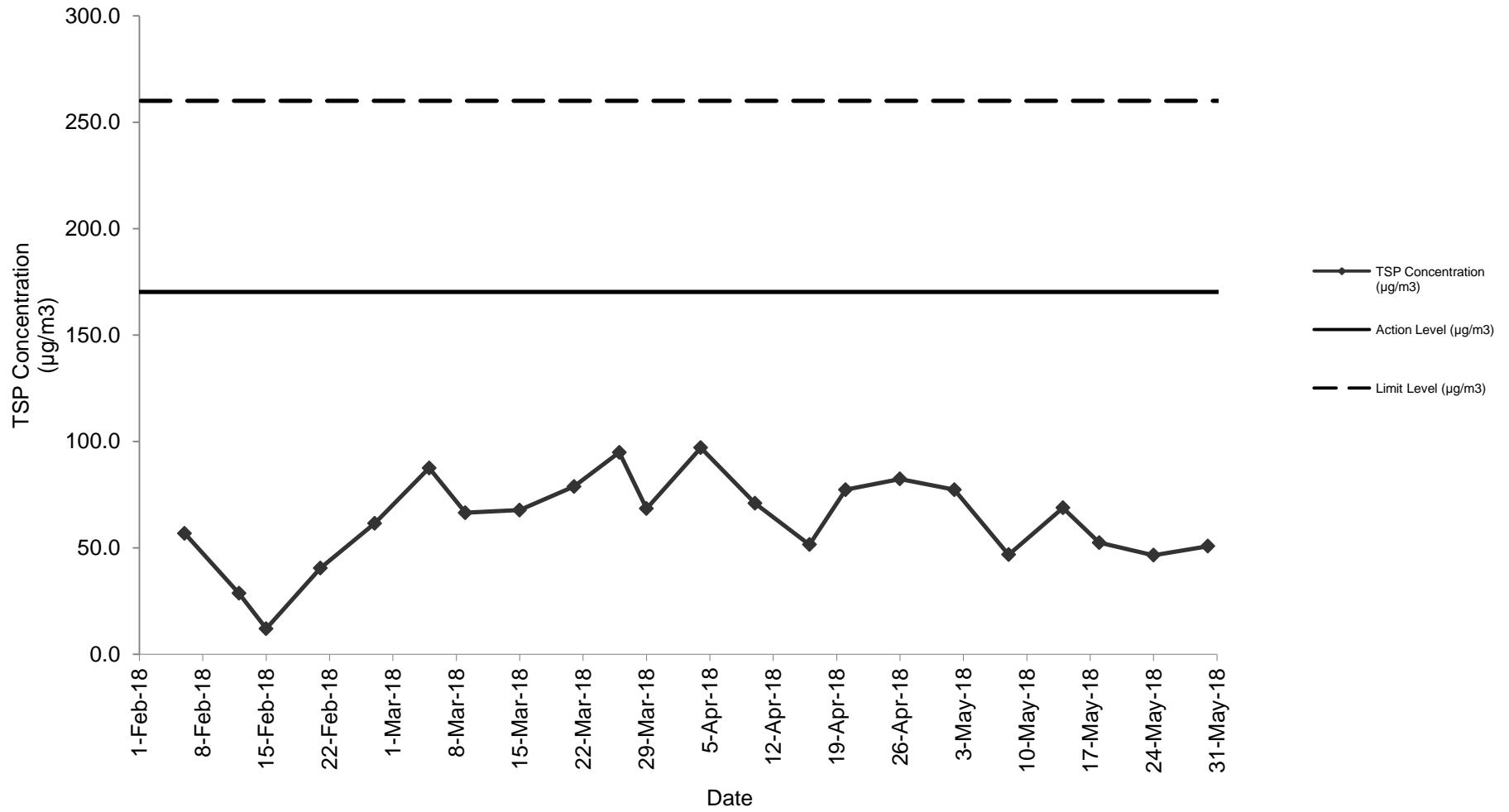
Sampling Date	Weather Condition	Starting Time	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m ³ /min)			Total Volume (m ³)	TSP Concentration (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	Wind speed m/s	Wind direction	NOE	IR
				Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate								
2-May-18	Sunny	12:11	C126	2.8201	2.9809	0.1608	8225.67	8249.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	77.3	170.3	260.0	<5	N		
8-May-18	Cloudy	12:12	C128	2.8102	2.9076	0.0974	8252.67	8276.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	46.8	170.3	260.0	<5	N		
14-May-18	Sunny	12:11	C130	2.7900	2.9331	0.1431	8279.67	8303.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	68.8	170.3	260.0	<5	N		
18-May-18	Sunny	12:11	C132	2.8176	2.9269	0.1093	8307.67	8331.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	52.5	170.3	260.0	<5	N		
24-May-18	Sunny	12:11	C134	2.8369	2.9340	0.0971	8334.67	8358.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	46.6	170.3	260.0	<5	N		
30-May-18	Sunny	13:11	C136	2.8177	2.9233	0.1056	8361.67	8385.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	50.8	170.3	260.0	<5	N		
																Average	57.1						
																Min	46.6						
																Max	77.3						

Note: No major dust source observed during the monitoring period
 Data in **Bold** denotes exceedance of respective Action Level
 Data in **Bold Underline** denotes exceedance of respective Limit Level

24-Hour TSP Monitoring Result at Station: SR77



24-Hour TSP Monitoring Result at Station: SR77 (February 2018 - May 2018)



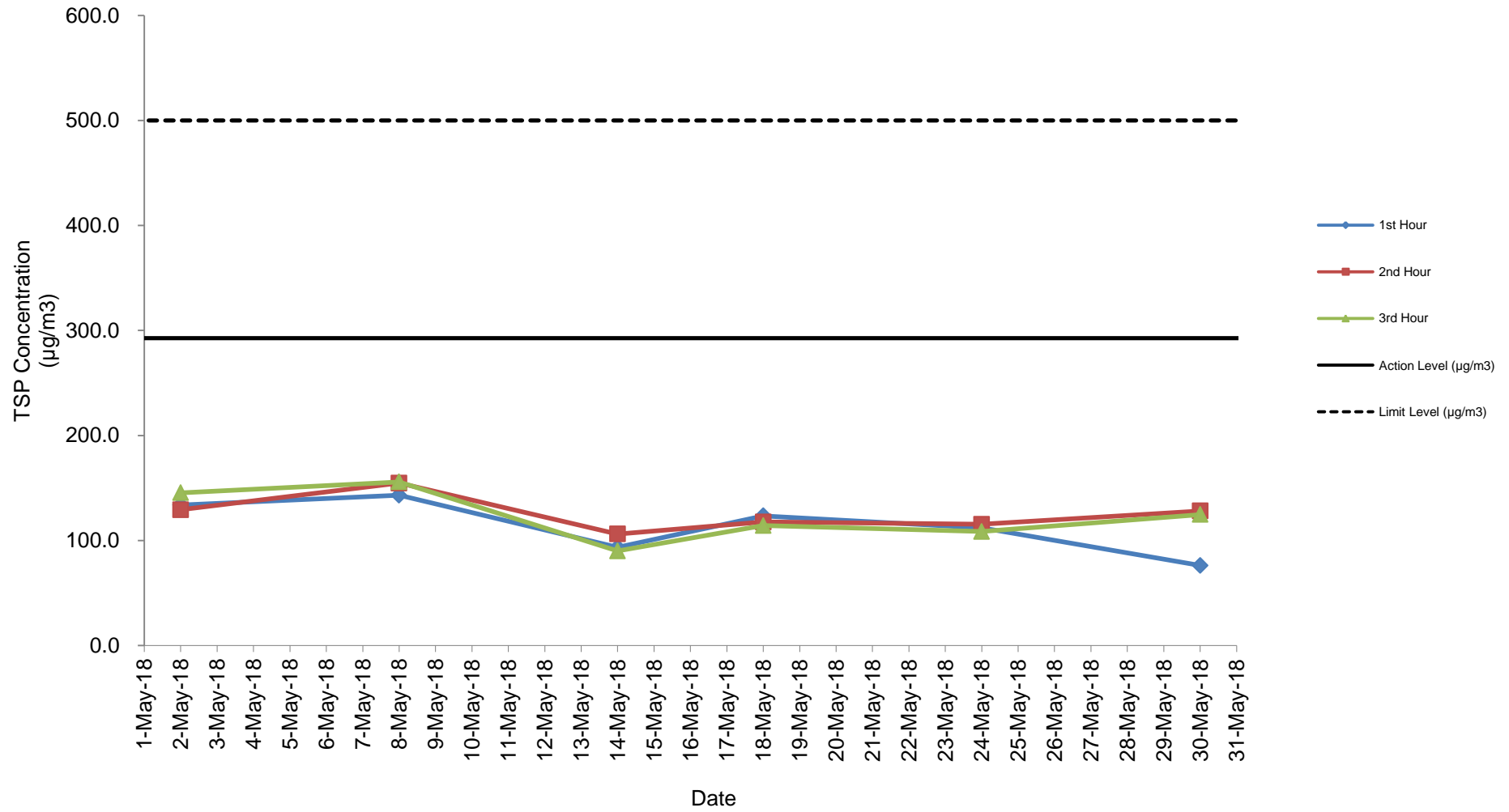
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Air Quality Monitoring Results and their Graphical Presentation

Detailed Calculation of 1-Hour TSP Monitoring Result at Station: SR77

Sampling Date	Weather Condition	Starting Time	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m ³ /min)			Total Volume (m ³)	TSP Concentration (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	Wind speed m/s	Wind direction	NOE	IR
				Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate								
2-May-18	Sunny	09:00	C127A	2.8055	2.8171	0.0116	8222.67	8223.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	133.9	292.7	500.0	<5	N		
	Sunny	10:04	C127B	2.8012	2.8124	0.0112	8223.67	8224.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	129.3	292.7	500.0	<5	N		
	Sunny	11:08	C127C	2.8087	2.8213	0.0126	8224.67	8225.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	145.4	292.7	500.0	<5	N		
8-May-18	Cloudy	09:00	C129A	2.8100	2.8224	0.0124	8249.67	8250.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	143.1	292.7	500.0	<5	N		
	Cloudy	10:03	C129B	2.8007	2.8141	0.0134	8250.67	8251.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	154.6	292.7	500.0	<5	N		
	Cloudy	11:07	C129C	2.8086	2.8221	0.0135	8251.67	8252.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	155.8	292.7	500.0	<5	N		
14-May-18	Sunny	09:00	C131A	2.7938	2.8019	0.0081	8276.67	8277.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	93.5	292.7	500.0	<5	N		
	Sunny	10:04	C131B	2.7949	2.8041	0.0092	8277.67	8278.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	106.2	292.7	500.0	<5	N		
	Sunny	11:09	C131C	2.7963	2.8041	0.0078	8278.67	8279.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	90.0	292.7	500.0	<5	N		
18-May-18	Sunny	09:00	C133A	2.8016	2.8123	0.0107	8304.67	8305.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	123.5	292.7	500.0	<5	N		
	Sunny	10:03	C133B	2.8099	2.8201	0.0102	8305.67	8306.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	117.7	292.7	500.0	<5	N		
	Sunny	11:07	C133C	2.8047	2.8146	0.0099	8306.67	8307.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	114.3	292.7	500.0	<5	N		
24-May-18	Sunny	09:00	C135A	2.8150	2.8247	0.0097	8331.67	8332.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	111.9	292.7	500.0	<5	N		
	Sunny	10:03	C135B	2.8081	2.8181	0.0100	8332.67	8333.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	115.4	292.7	500.0	<5	N		
	Sunny	11:08	C135C	2.8112	2.8206	0.0094	8333.67	8334.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	108.5	292.7	500.0	<6	N		
30-May-18	Sunny	09:00	C137A	2.8272	2.8338	0.0066	8358.67	8359.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	76.2	292.7	500.0	<7	N		
	Sunny	10:04	C137B	2.8118	2.8229	0.0111	8359.67	8360.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	128.1	292.7	500.0	<8	N		
	Sunny	11:09	C137C	2.8233	2.8341	0.0108	8360.67	8361.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	124.6	292.7	500.0	<9	N		
																Average	120.7						
																Min	76.2						
																Max	155.8						

Note: No major dust source observed during the monitoring period
Data in **Bold** denotes exceedance of respective Action Level
Data in **Bold Underline** denotes exceedance of respective Limit Level

1-Hour TSP Monitoring Result at station: SR77



1-Hour TSP Monitoring Result at station: SR77 (February 2018 - May 2018)

