

Appendix F

Air Quality Monitoring Results and their Graphical Presentation

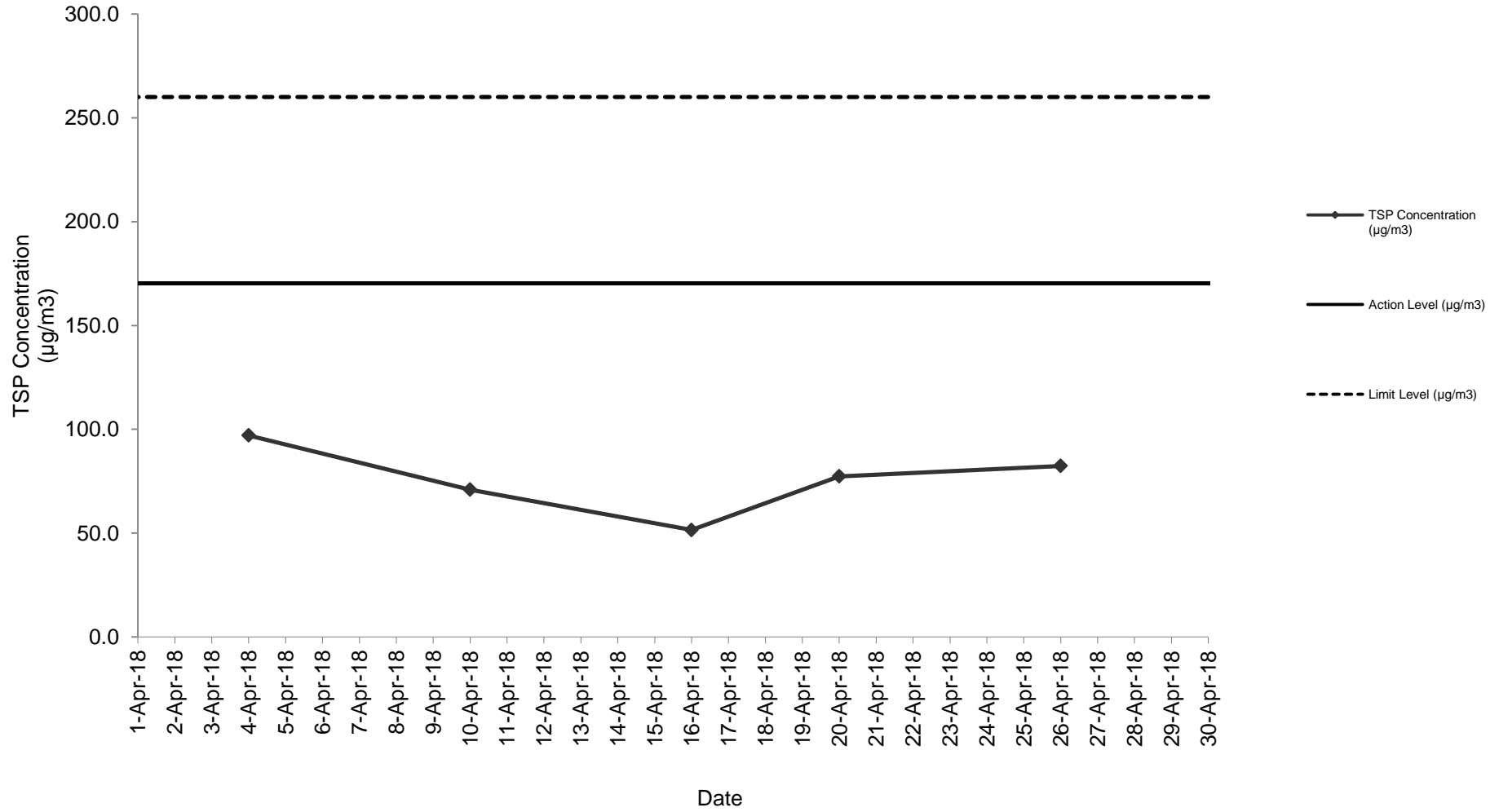
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

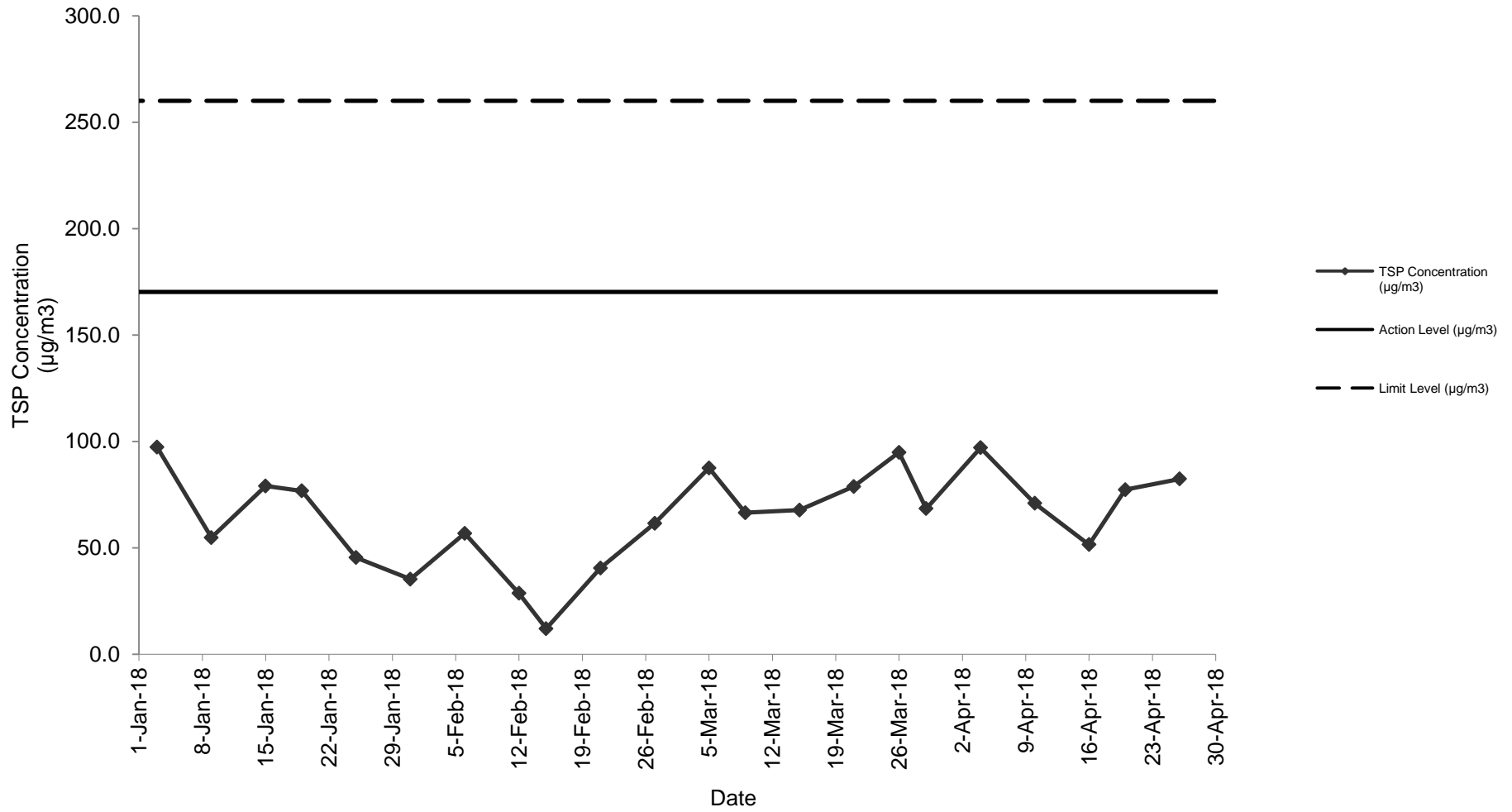
Sampling Date	Weather Condition	Starting Time	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m ³ /min)			Total Volume (m ³)	TSP Concentration (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	Wind speed m/s	Wind direction	NOE	IR
				Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate								
4-Apr-18	Fine	12:11	C116	2.7865	2.9884	0.2019	8090.67	8114.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	97.1	170.3	260.0	<5	N		
10-Apr-18	Fine	12:13	C118	2.8056	2.9531	0.1475	8117.67	8141.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	70.9	170.3	260.0	<5	N		
16-Apr-18	Cloudy	12:10	C120	2.8095	2.9167	0.1072	8144.67	8168.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	51.5	170.3	260.0	<5	N		
20-Apr-18	Fine	12:11	C122	2.8115	2.9723	0.1608	8171.67	8195.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	77.3	170.3	260.0	<5	N		
26-Apr-18	Cloudy	12:13	C124	2.8095	2.9808	0.1713	8198.67	8222.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	82.4	170.3	260.0	<5	N		
																Average	75.9						
																Min	51.5						
																Max	97.1						

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 (January 2018 - April 2018)



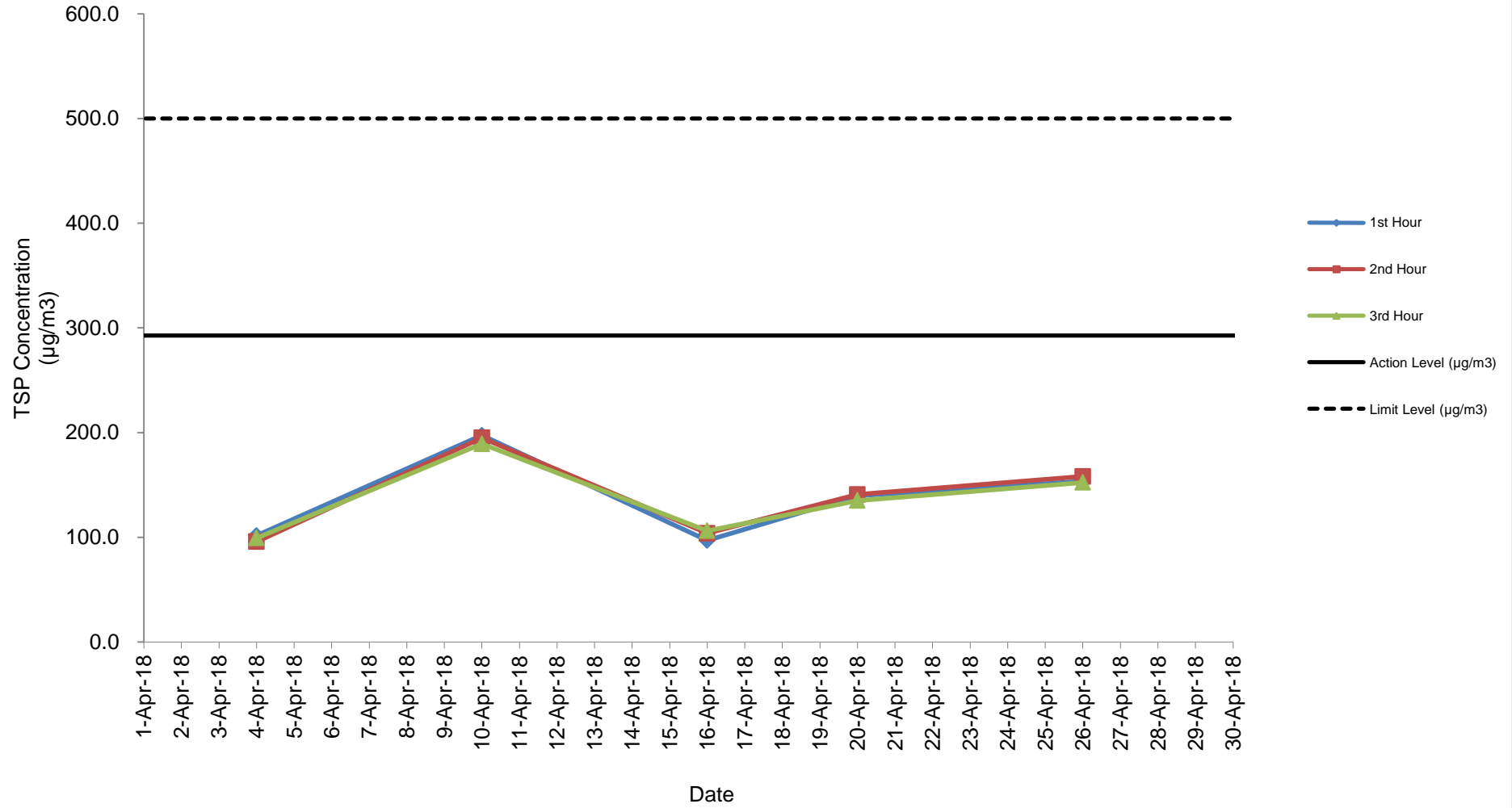
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Air Quality Monitoring Results and their Graphical Presentation

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
				Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate						
4-Apr-18	Fine	09:00	C117A	2.7946	2.8034	0.0088	8087.67	8088.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	101.6	292.7	500.0	<5	N
	Fine	10:04	C117B	2.7841	2.7924	0.0083	8088.67	8089.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	95.8	292.7	500.0	<5	N
	Fine	11:08	C117C	2.7903	2.7989	0.0086	8089.67	8090.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	99.3	292.7	500.0	<5	N
10-Apr-18	Fine	09:00	C119A	2.7987	2.8158	0.0171	8114.67	8115.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	197.3	292.7	500.0	<5	N
	Fine	10:03	C119B	2.7899	2.8068	0.0169	8115.67	8116.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	195.0	292.7	500.0	<5	N
	Fine	11:09	C119C	2.7843	2.8171	0.0164	8116.67	8117.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	189.3	292.7	500.0	<5	N
16-Apr-18	Cloudy	09:00	C121A	2.8161	2.8245	0.0084	8141.67	8142.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	96.9	292.7	500.0	<5	N
	Cloudy	10:04	C121B	2.8046	2.8136	0.0090	8142.67	8143.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	103.9	292.7	500.0	<5	N
	Cloudy	11:08	C121C	2.8129	2.8221	0.0092	8143.67	8144.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	106.2	292.7	500.0	<5	N
20-Apr-18	Fine	09:00	C123A	2.8160	2.8281	0.0121	8168.67	8169.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	139.6	292.7	500.0	<5	N
	Fine	10:03	C123B	2.8067	2.8189	0.0122	8169.67	8170.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	140.8	292.7	500.0	<5	N
	Fine	11:09	C123C	2.8114	2.8231	0.0117	8170.67	8171.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	135.0	292.7	500.0	<5	N
26-Apr-18	Cloudy	09:00	C125A	2.8042	2.8175	0.0133	8195.67	8196.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	153.5	292.7	500.0	<5	N
	Cloudy	10:04	C125B	2.8019	2.8156	0.0137	8196.67	8197.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	158.1	292.7	500.0	<5	N
	Cloudy	11:08	C125C	2.8104	2.8236	0.0132	8197.67	8198.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	152.3	292.7	500.0	<5	N
																Average	137.6				
																Min	95.8				
																Max	197.3				

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

1-Hour TSP Monitoring Result at station: SR77



1-Hour TSP Monitoring Result at station: SR77 (January 2018 - April 2018)

