

Appendix F

Air Quality Monitoring Results and their Graphical Presentation

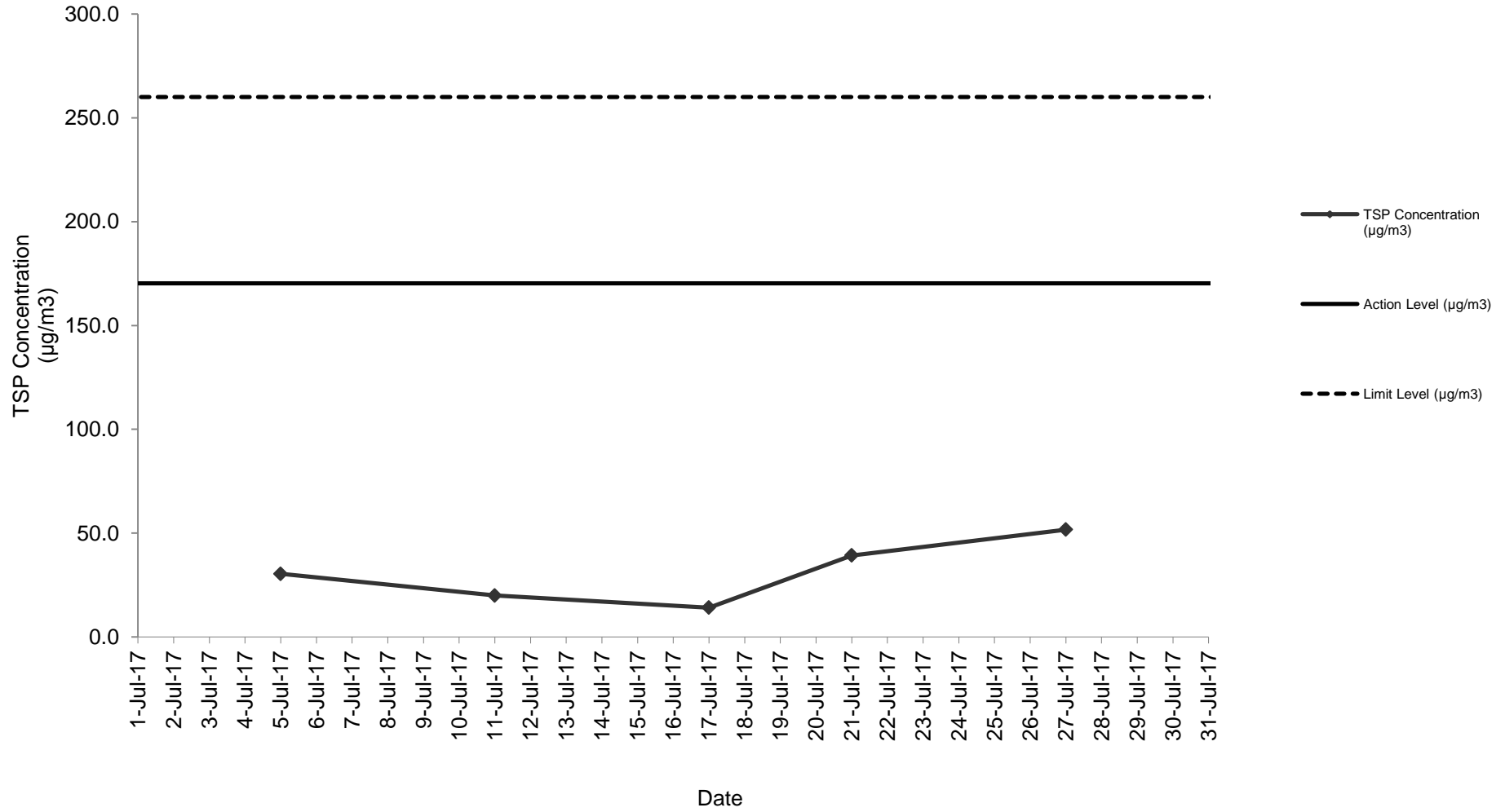
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

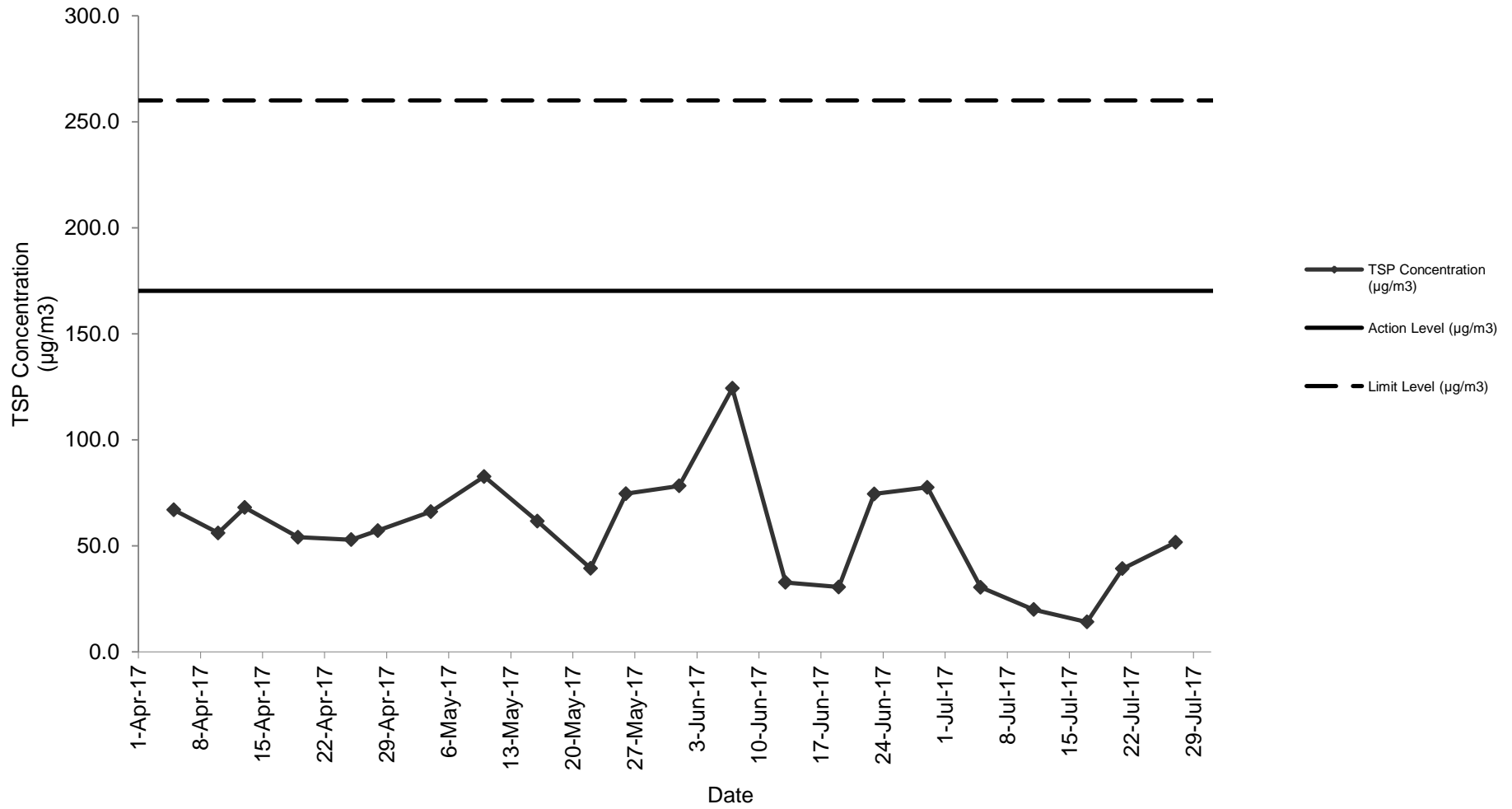
Sampling Date	Weather Condition	Starting Time	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m ³ /min)			Total Volume (m ³)	TSP Concentration (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	Wind speed m/s	Wind direction	NOE	IR
				Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate								
5-Jul-17	Cloudy	12:11	CC62	2.8226	2.8859	0.0633	6736.67	6760.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	30.4	170.3	260.0	<5	N		
11-Jul-17	Cloudy	12:10	CC64	2.8430	2.8845	0.0415	6763.67	6787.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	20.0	170.3	260.0	<5	N		
17-Jul-17	Rainy	12:11	CC66	2.8421	2.8715	0.0294	6790.67	6814.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	14.1	170.3	260.0	<5	N		
21-Jul-17	Fine	12:10	CC68	2.8264	2.9080	0.0816	6817.67	6841.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	39.2	170.3	260.0	<5	N		
27-Jul-17	Fine	12:11	CC70	2.8542	2.9617	0.1075	6844.67	6868.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	51.7	170.3	260.0	<5	N		
																Average	31.1						
																Min	14.1						
																Max	51.7						

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 (April 2017 - July 2017)



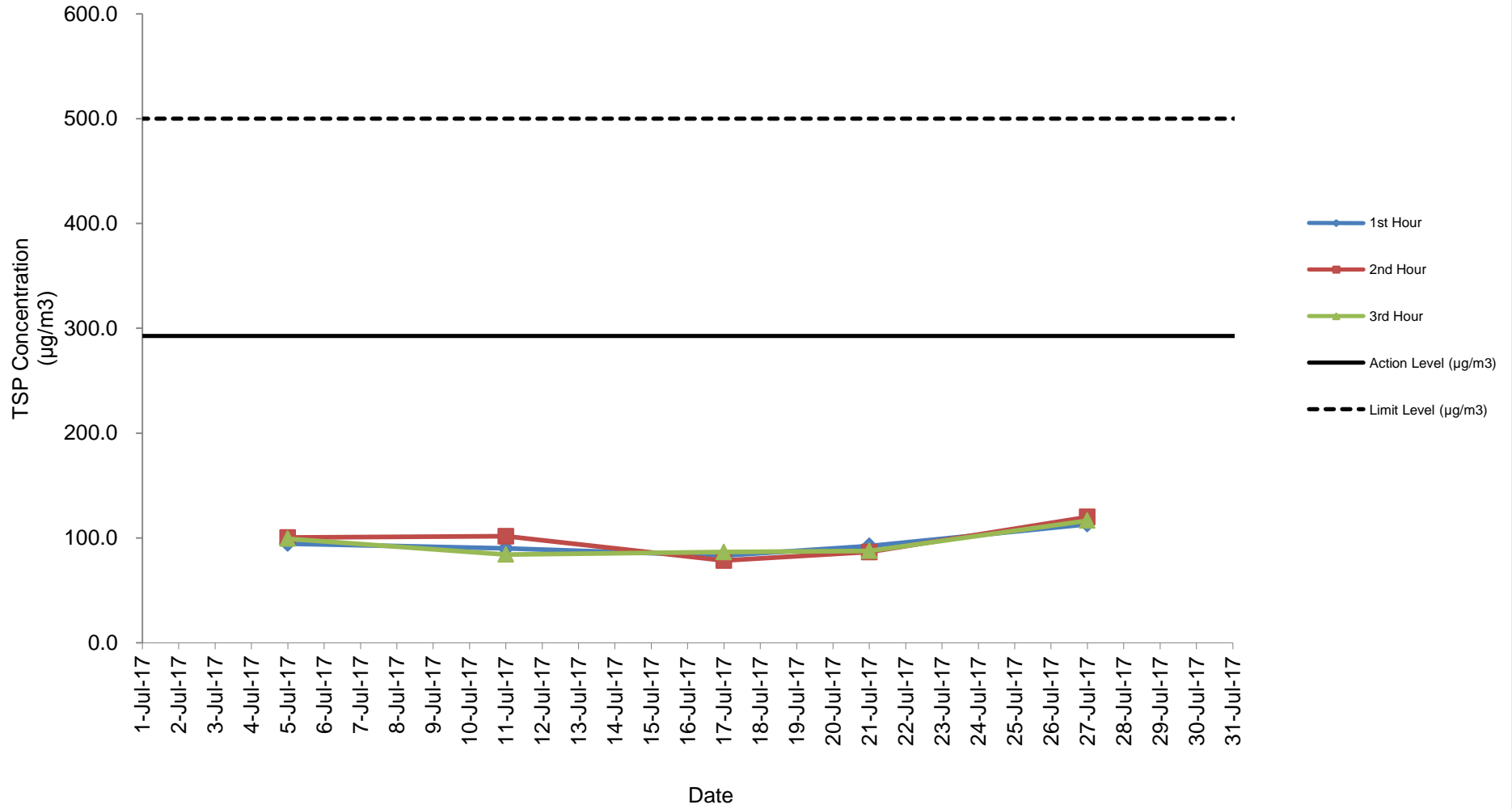
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Air Quality Monitoring Results and their Graphical Presentation

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						
5-Jul-17	Cloudy	09:00	CC63A	2.8529	2.8611	0.0082	6733.67	6734.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	94.6	292.7	500.0	<5	N
	Cloudy	10:03	CC63B	2.8491	2.8578	0.0087	6734.67	6735.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	100.4	292.7	500.0	<5	N
	Cloudy	11:07	CC63C	2.8603	2.8689	0.0086	6735.67	6736.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	99.3	292.7	500.0	<5	N
11-Jul-17	Cloudy	09:00	CC65A	2.8376	2.8454	0.0078	6760.67	6761.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	90.0	292.7	500.0	<5	N
	Cloudy	10:04	CC65B	2.8413	2.8501	0.0088	6761.67	6762.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	101.6	292.7	500.0	<5	N
	Cloudy	11:08	CC65C	2.8298	2.8371	0.0073	6762.67	6763.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	84.2	292.7	500.0	<5	N
17-Jul-17	Rainy	09:00	CC67A	2.8487	2.8559	0.0072	6787.67	6788.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	83.1	292.7	500.0	<5	N
	Rainy	10:04	CC67B	2.8339	2.8407	0.0068	6788.67	6789.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	78.5	292.7	500.0	<5	N
	Rainy	11:08	CC67C	2.8416	2.8491	0.0075	6789.67	6790.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	86.6	292.7	500.0	<5	N
21-Jul-17	Fine	09:00	CC69A	2.8449	2.8529	0.0080	6814.67	6815.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	92.3	292.7	500.0	<5	N
	Fine	10:03	CC69B	2.8414	2.8489	0.0075	6815.67	6816.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	86.6	292.7	500.0	<5	N
	Fine	11:07	CC69C	2.8613	2.8689	0.0076	6816.67	6817.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	87.7	292.7	500.0	<5	N
27-Jul-17	Fine	09:00	CC71A	2.8403	2.8501	0.0098	6841.67	6842.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	113.1	292.7	500.0	<5	N
	Fine	10:04	CC71B	2.8294	2.8398	0.0104	6842.67	6843.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	120.0	292.7	500.0	<5	N
	Fine	11:08	CC71C	2.8511	2.8612	0.0101	6843.67	6844.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	116.6	292.7	500.0	<5	N
																Average	95.6				
																Min	78.5				
																Max	120.0				

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 (April 2017 - July 2017)

