

Appendix F

Air Quality Monitoring Results and their Graphical Presentation

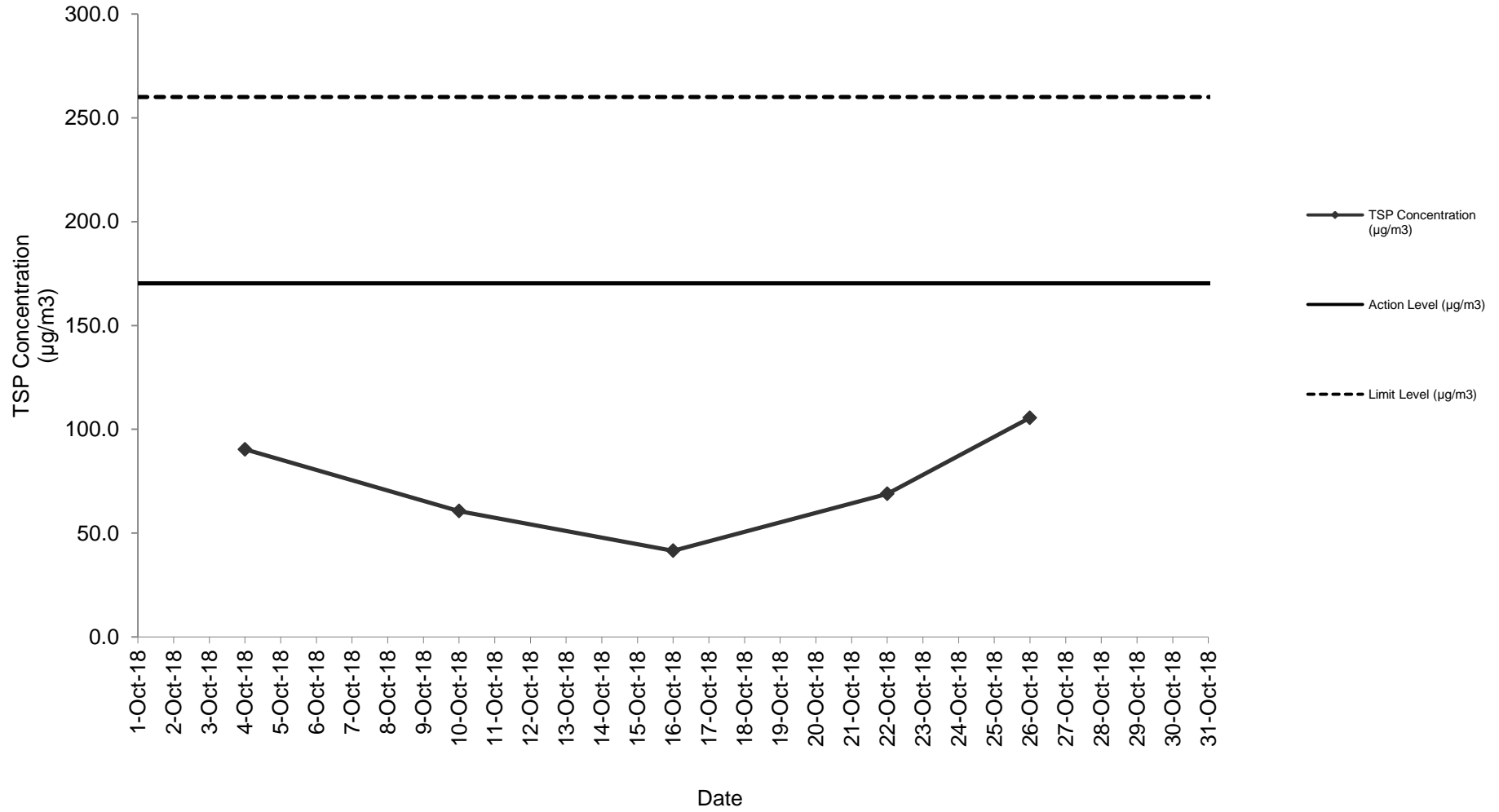
Appendix F
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24-Hour TSP Monitoring Result at Station: SR77

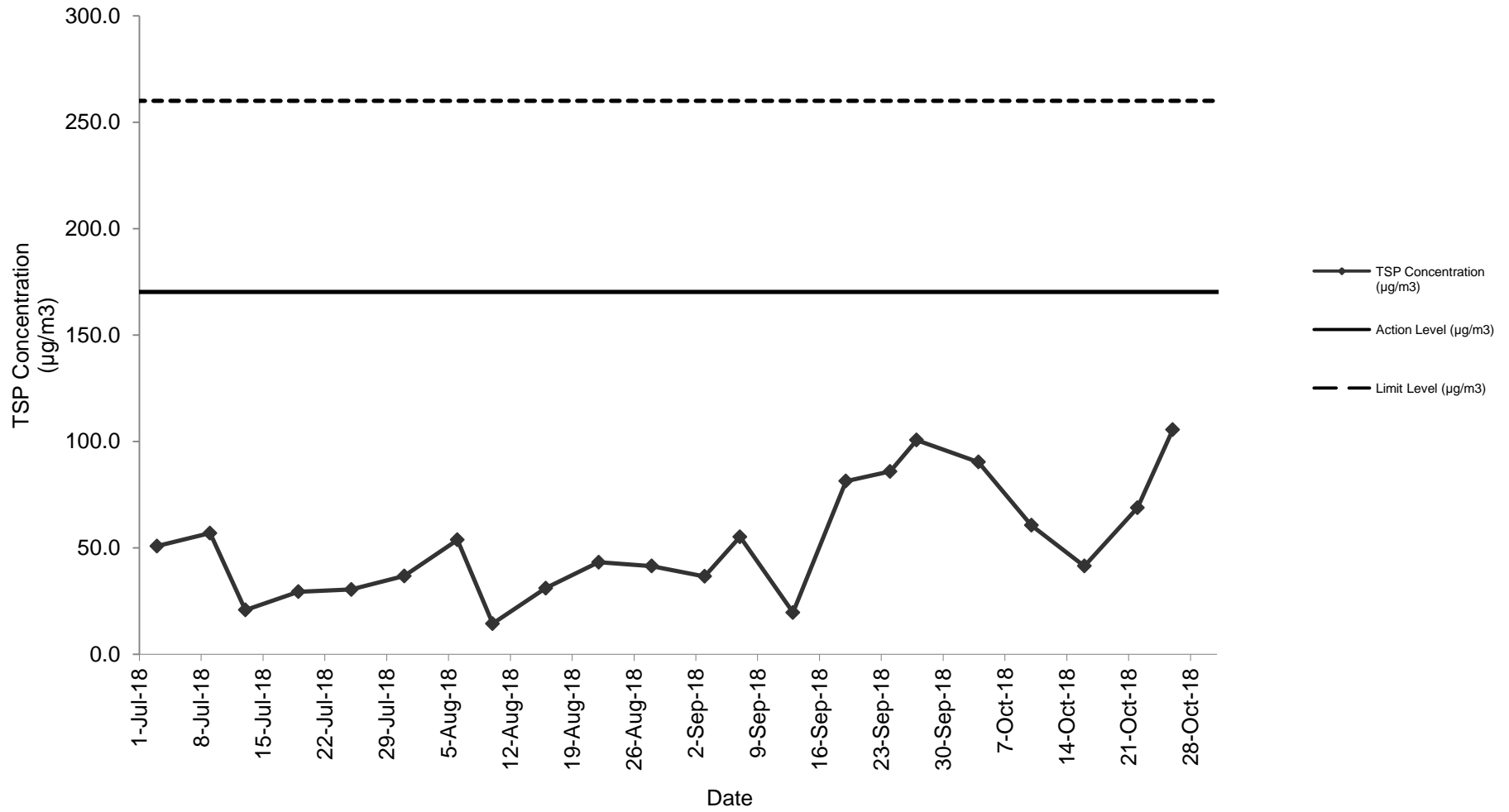
Sampling Date	Weather Condition	Starting Time	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m ³ /min)			Total Volume (m ³)	TSP Concentration (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	Wind speed m/s	Wind direction	NOE	IR
				Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate								
4-Oct-18	Sunny	12:11	C182	2.6644	2.8523	0.1879	8982.67	9006.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	90.4	170.3	260.0	<5	N		
10-Oct-18	Cloudy	12:12	C184	2.6874	2.8135	0.1261	9009.67	9033.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	60.6	170.3	260.0	<5	N		
16-Oct-18	Cloudy	12:13	C186	2.6781	2.7644	0.0863	9036.67	9060.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	41.5	170.3	260.0	<5	N		
22-Oct-18	Cloudy	12:12	C188	2.6392	2.7825	0.1433	9063.67	9087.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	68.9	170.3	260.0	<5	N		
26-Oct-18	Sunny	12:11	C190	2.6519	2.8714	0.2195	9090.67	9114.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	105.5	170.3	260.0	<5	N		
																Average	73.4						
																Min	41.5						
																Max	105.5						

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 (July 2018 - October 2018)



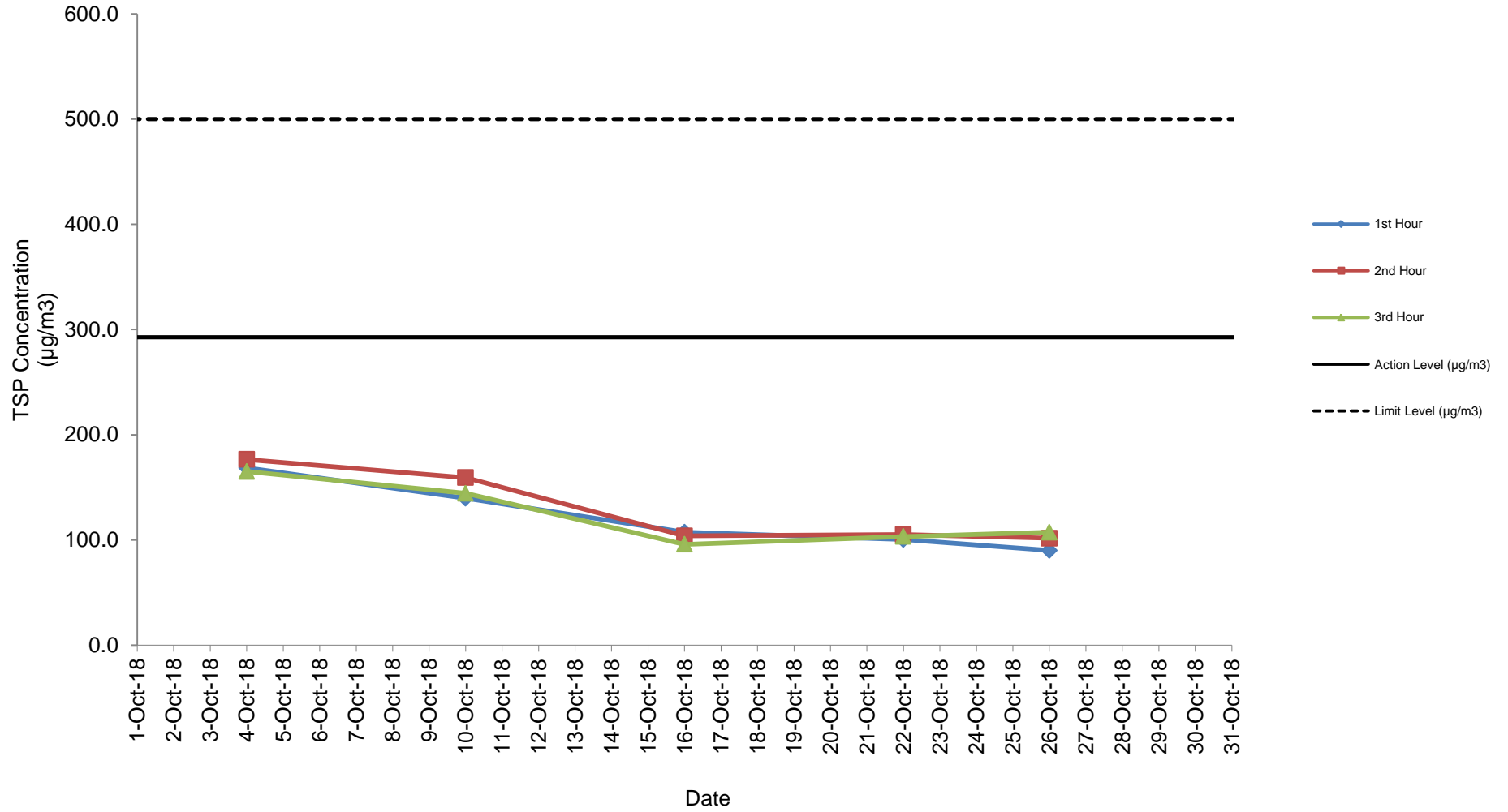
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Air Quality Monitoring Results and their Graphical Presentation

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								
4-Oct-18	Sunny	09:00	C183A	2.6665	2.6811	0.0146	8979.67	8980.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	168.5	292.7	500.0	<5	N		
	Sunny	10:04	C183B	2.6519	2.6672	0.0153	8980.67	8981.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	176.6	292.7	500.0	<5	N		
	Sunny	11:08	C183C	2.6411	2.6554	0.0143	8981.67	8982.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	165.0	292.7	500.0	<5	N		
10-Oct-18	Cloudy	09:00	C185A	2.6729	2.6850	0.0121	9006.67	9007.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	139.6	292.7	500.0	<5	N		
	Cloudy	10:03	C185B	2.6708	2.6846	0.0138	9007.67	9008.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	159.3	292.7	500.0	<5	N		
	Cloudy	11:07	C185C	2.6649	2.6774	0.0125	9008.67	9009.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	144.3	292.7	500.0	<5	N		
16-Oct-18	Cloudy	09:00	C187A	2.6631	2.6724	0.0093	9033.67	9034.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	107.3	292.7	500.0	<5	N		
	Cloudy	10:04	C187B	2.6748	2.6838	0.0090	9034.67	9035.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	103.9	292.7	500.0	<5	N		
	Cloudy	11:09	C187C	2.6681	2.6764	0.0083	9035.67	9036.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	95.8	292.7	500.0	<5	N		
22-Oct-18	Cloudy	09:00	C189A	2.6694	2.6781	0.0087	9060.67	9061.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	100.4	292.7	500.0	<5	N		
	Cloudy	10:03	C189B	2.6711	2.6802	0.0091	9061.67	9062.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	105.0	292.7	500.0	<5	N		
	Cloudy	11:07	C189C	2.6675	2.6764	0.0089	9062.67	9063.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	103.2	292.7	500.0	<5	N		
26-Oct-18	Sunny	09:00	C191A	2.6844	2.6922	0.0078	9087.67	9088.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	90.0	292.7	500.0	<5	N		
	Sunny	10:04	C191B	2.6893	2.6981	0.0088	9088.67	9089.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	101.6	292.7	500.0	<5	N		
	Sunny	11:08	C191C	2.6591	2.6684	0.0093	9089.67	9090.67	1.00	51	51	51.0	1.44	1.44	1.44	86.65	107.3	292.7	500.0	<5	N		
																Average	124.5						
																Min	90.0						
																Max	176.6						

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 (July 2018 - October 2018)

