

Appendix F

Air Quality Monitoring Results and their Graphical Presentation

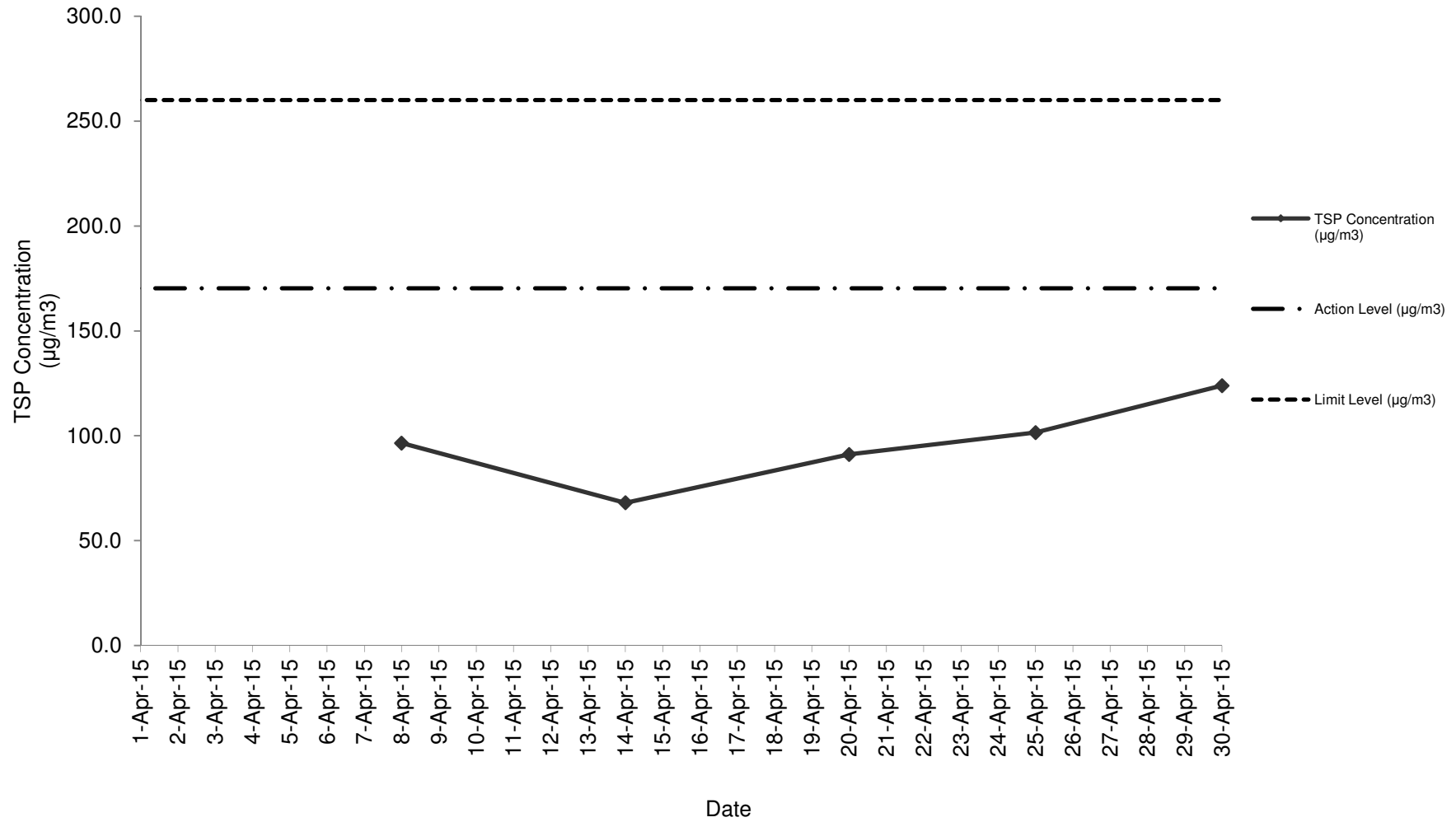
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

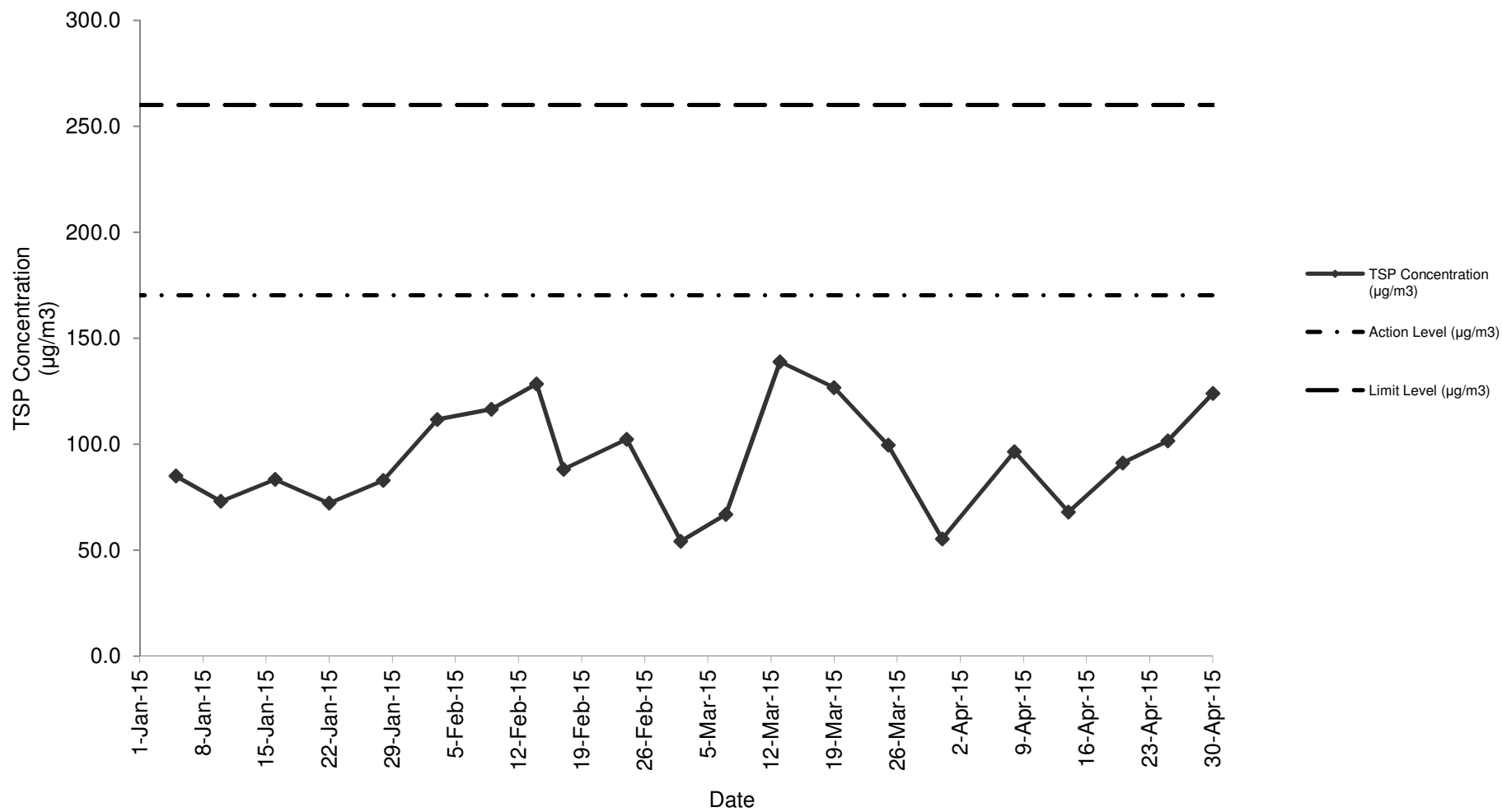
Sampling Date	Weather Condition	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m ³ /min)			Total Volume (m ³)	TSP Concentration (µg/m ³)	Action Level (µg/m3)	Limit Level (µg/m3)	Wind speed m/s	Wind direction	
			Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate							
8-Apr-15	Rainy	B67	2.8111	3.0118	0.2007	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	96.5	170.3	260.0	<5	N	
14-Apr-15	Fine	B59	2.8093	2.9508	0.1415	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	68.0	170.3	260.0	<5	N	
20-Apr-15	Cloudy	B60	2.8015	2.9910	0.1895	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	91.1	170.3	260.0	<5	N	
25-Apr-15	Fine	B62	2.8018	3.0129	0.2111	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	101.5	170.3	260.0	<5	N	
30-Apr-15	Fine	B64	2.7936	3.0513	0.2577	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	123.9	170.3	260.0	<5	N	
Average																96.2					
Min																68.0					
Max																123.9					

Note: No major dust source observed during the monitoring period

24-Hour TSP Monitoring Result at Station: SR77



24-Hour TSP Monitoring Result at Station: SR77 (January 2015 - April 2015)



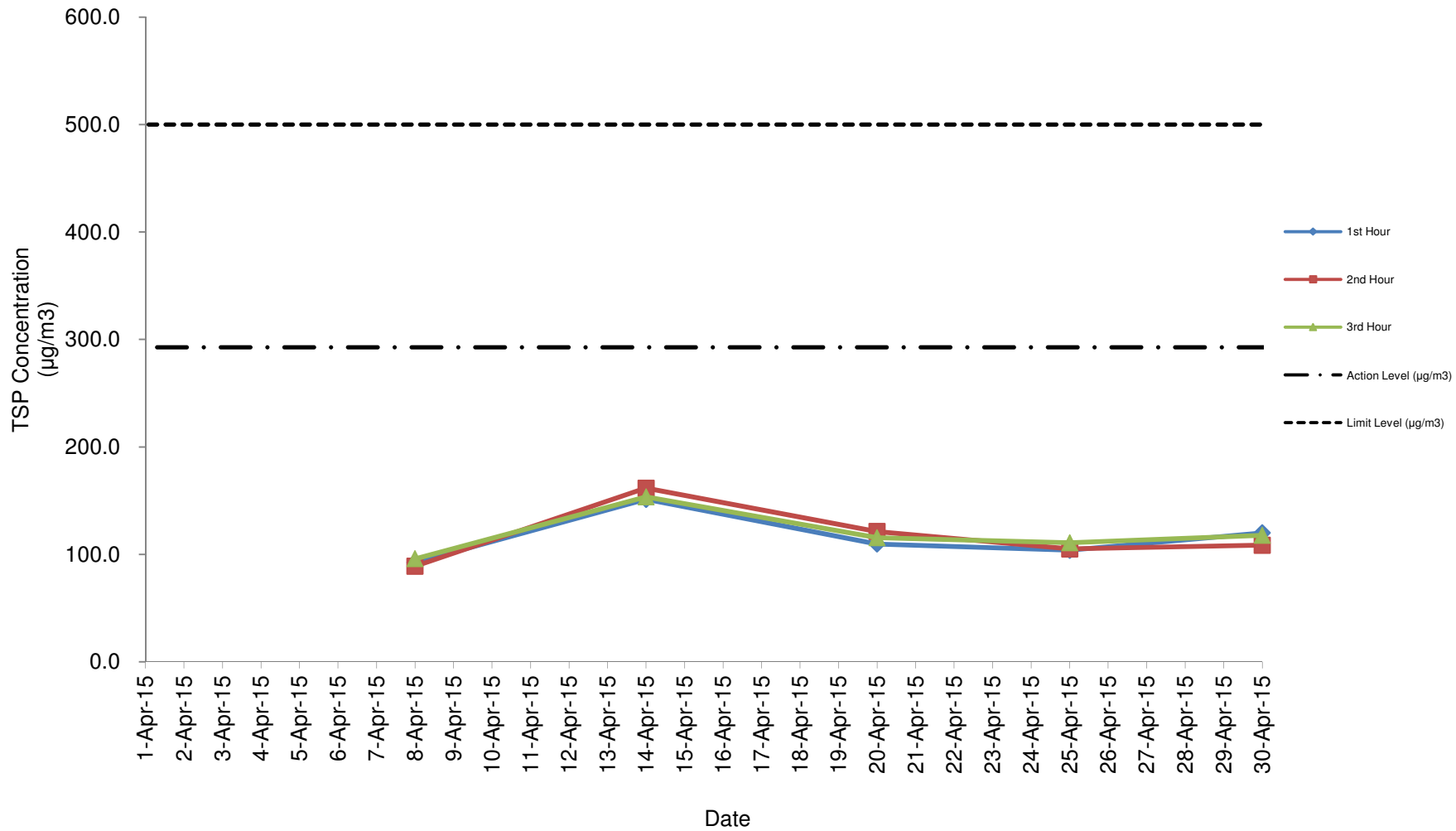
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

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

Sampling Date	Weather Condition	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						
8-Apr-15	Rainy	B66A	2.8171	2.8251	0.0080	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	92.3	292.7	500.0	<5	N
		B66B	2.8036	2.8113	0.0077	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	88.9	292.7	500.0	<5	N
		B66C	2.8016	2.8099	0.0083	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	95.8	292.7	500.0	<5	N
14-Apr-15	Fine	B57A	2.8091	2.8222	0.0131	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	151.2	292.7	500.0	<5	N
		B57B	2.8041	2.8181	0.0140	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	161.6	292.7	500.0	<5	N
		B57C	2.8053	2.8186	0.0133	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	153.5	292.7	500.0	<5	N
20-Apr-15	Cloudy	B61A	2.8006	2.8101	0.0095	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	109.6	292.7	500.0	<5	N
		B61B	2.8036	2.8141	0.0105	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	121.2	292.7	500.0	<5	N
		B61C	2.8071	2.8171	0.0100	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	115.4	292.7	500.0	<5	N
25-Apr-15	Fine	B63A	2.7941	2.8031	0.0090	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	103.9	292.7	500.0	<5	N
		B63B	2.8030	2.8121	0.0091	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	105.0	292.7	500.0	<5	N
		B63C	2.7910	2.8006	0.0096	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	110.8	292.7	500.0	<5	N
30-Apr-15	Fine	B65A	2.7917	2.8021	0.0104	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	120.0	292.7	500.0	<5	N
		B65B	2.8009	2.8103	0.0094	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	108.5	292.7	500.0	<5	N
		B65C	2.8134	2.8236	0.0102	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	117.7	292.7	500.0	<5	N
															Average	117.0				
															Min	88.9				
															Max	161.6				

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 (January 2015 - April 2015)

