

Appendix F

Air Quality Monitoring Results and their Graphical Presentation

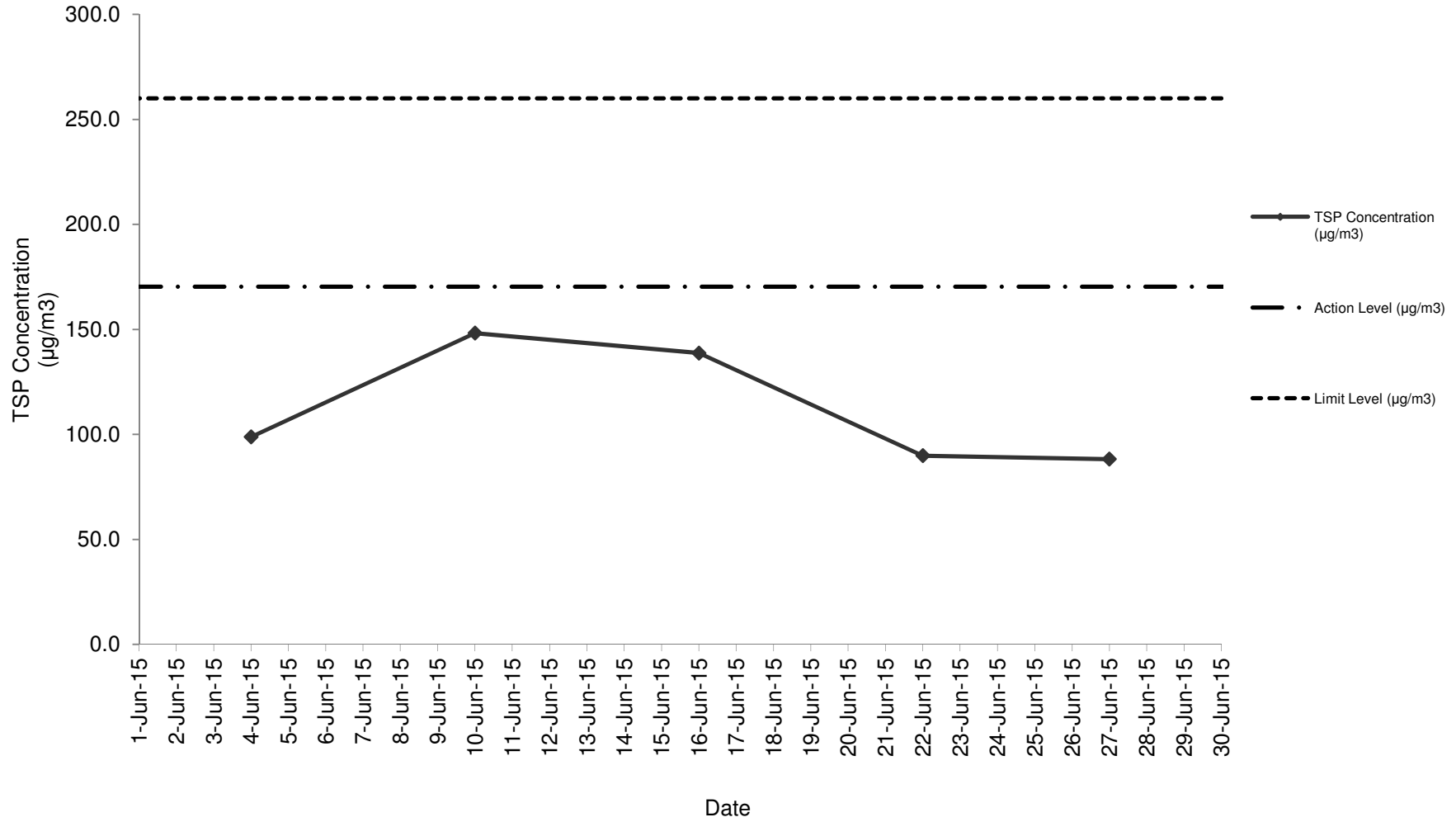
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

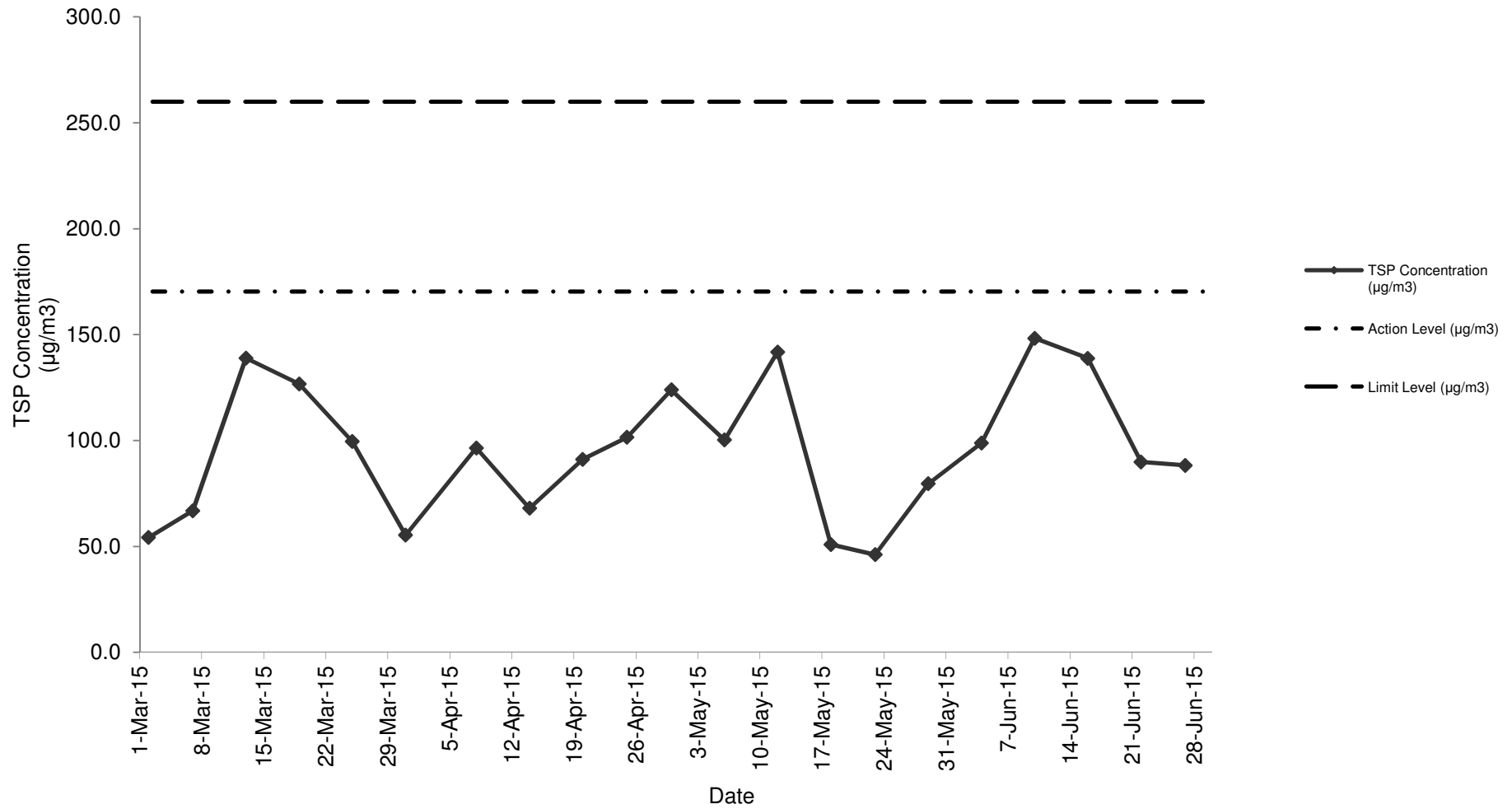
Sampling Date	Weather Condition	Starting Time	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m ³ /min)			Total Volume (m ³)	TSP Concentration (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	Wind speed m/s	Wind direction
				Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate						
4-Jun-15	Fine	12:08	B92	2.8016	3.0071	0.2055	3243.80	3267.80	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	98.8	170.3	260.0	<5	N
10-Jun-15	Fine	12:10	B94	2.7811	3.0894	0.3083	3270.80	3294.80	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	148.3	170.3	260.0	<5	N
16-Jun-15	Fine	12:09	B96	2.8004	3.0890	0.2886	3297.80	3321.80	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	138.8	170.3	260.0	<5	N
22-Jun-15	Rainy	12:10	B98	2.8211	3.0080	0.1869	3324.80	3348.80	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	89.9	170.3	260.0	<5	N
27-Jun-15	Fine	12:11	B100	2.8226	3.0061	0.1835	3351.80	3375.80	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	88.2	170.3	260.0	<5	N
																Average	112.8				
																Min	88.2				
																Max	148.3				

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 (March 2015 - June 2015)



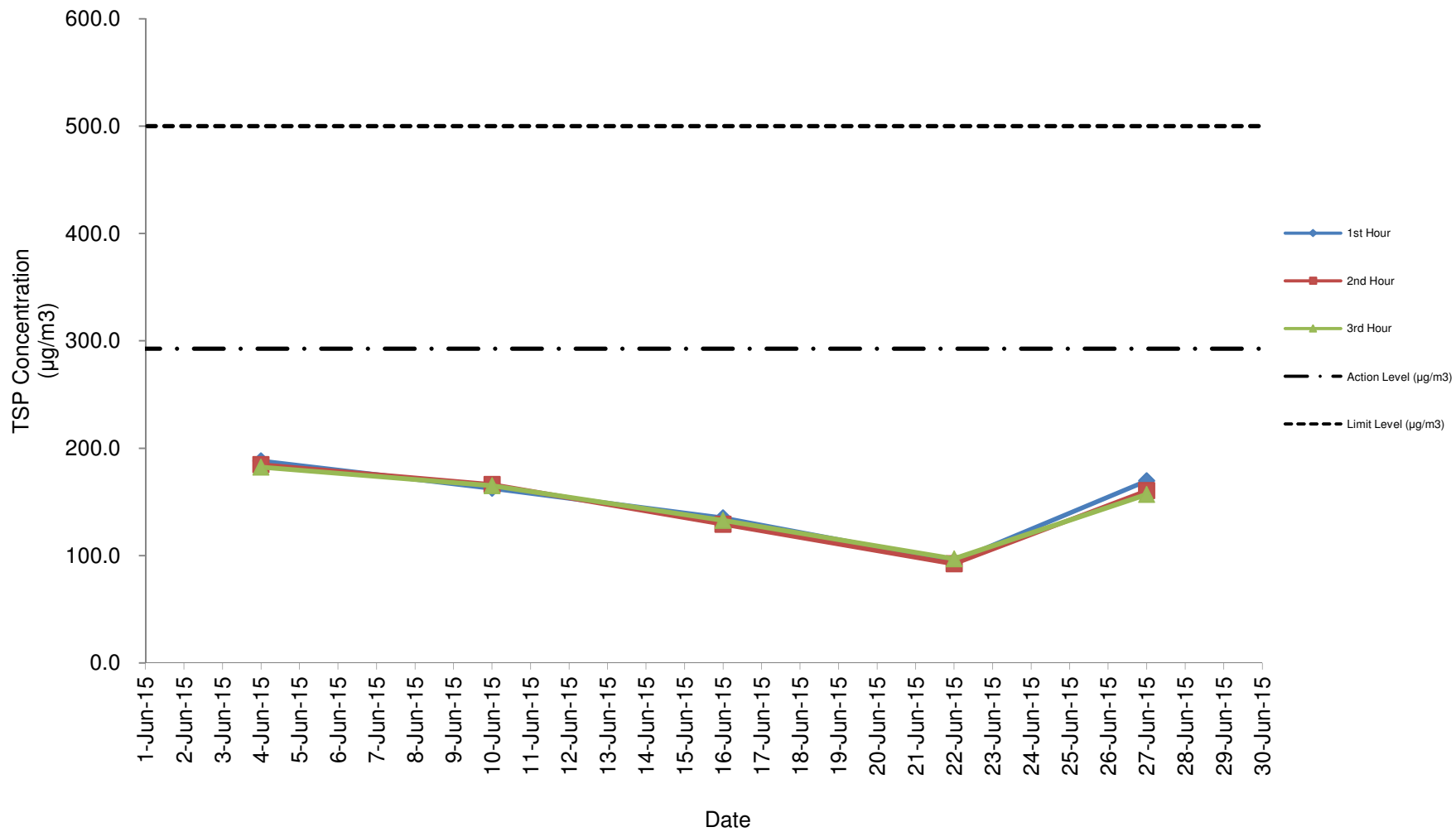
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

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

Sampling Date	Weather Condition	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-Jun-15	Fine	09:00	B91A	2.8005	2.8168	0.0163	3240.80	3241.80	1.00	51	51	51.0	1.44	1.44	1.44	86.65	188.1	292.7	500.0	<5	N	
		10:03	B91B	2.7981	2.8141	0.0160	3241.80	3242.80	1.00	51	51	51.0	1.44	1.44	1.44	86.65	184.7	292.7	500.0	<5	N	
		11:06	B91C	2.7893	2.8051	0.0158	3242.80	3243.80	1.00	51	51	51.0	1.44	1.44	1.44	86.65	182.3	292.7	500.0	<5	N	
10-Jun-15	Fine	09:00	B93A	2.8030	2.8171	0.0141	3267.80	3268.80	1.00	51	51	51.0	1.44	1.44	1.44	86.65	162.7	292.7	500.0	<5	N	
		10:04	B93B	2.8010	2.8154	0.0144	3268.80	3269.80	1.00	51	51	51.0	1.44	1.44	1.44	86.65	166.2	292.7	500.0	<5	N	
		11:09	B93C	2.7955	2.8098	0.0143	3269.80	3270.80	1.00	51	51	51.0	1.44	1.44	1.44	86.65	165.0	292.7	500.0	<5	N	
16-Jun-15	Fine	09:00	B95A	2.7846	2.7963	0.0117	3294.80	3295.80	1.00	51	51	51.0	1.44	1.44	1.44	86.65	135.0	292.7	500.0	<5	N	
		10:03	B95B	2.7759	2.7871	0.0112	3295.80	3296.80	1.00	51	51	51.0	1.44	1.44	1.44	86.65	129.3	292.7	500.0	<5	N	
		11:06	B95C	2.8016	2.8131	0.0115	3296.80	3297.80	1.00	51	51	51.0	1.44	1.44	1.44	86.65	132.7	292.7	500.0	<5	N	
22-Jun-15	Rainy	09:00	B97A	2.8199	2.8281	0.0082	3321.80	3322.80	1.00	51	51	51.0	1.44	1.44	1.44	86.65	94.6	292.7	500.0	<5	N	
		10:04	B97B	2.8114	2.8194	0.0080	3322.80	3323.80	1.00	51	51	51.0	1.44	1.44	1.44	86.65	92.3	292.7	500.0	<5	N	
		11:07	B97C	2.8117	2.8201	0.0084	3323.80	3324.80	1.00	51	51	51.0	1.44	1.44	1.44	86.65	96.9	292.7	500.0	<5	N	
27-Jun-15	Fine	09:00	B99A	2.8144	2.8291	0.0147	3348.80	3349.80	1.00	51	51	51.0	1.44	1.44	1.44	86.65	169.6	292.7	500.0	<5	N	
		10:04	B99B	2.8162	2.8301	0.0139	3349.80	3350.80	1.00	51	51	51.0	1.44	1.44	1.44	86.65	160.4	292.7	500.0	<5	N	
		11:07	B99C	2.8291	2.8427	0.0136	3350.80	3351.80	1.00	51	51	51.0	1.44	1.44	1.44	86.65	157.0	292.7	500.0	<5	N	
Average																147.8						
Min																92.3						
Max																188.1						

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

1-Hour TSP Monitoring Result at station: SR77



1-Hour TSP Monitoring Result at station: SR77 (March 2015 - June 2015)

