

Appendix F Air Quality Monitoring Results and their Graphical Presentation

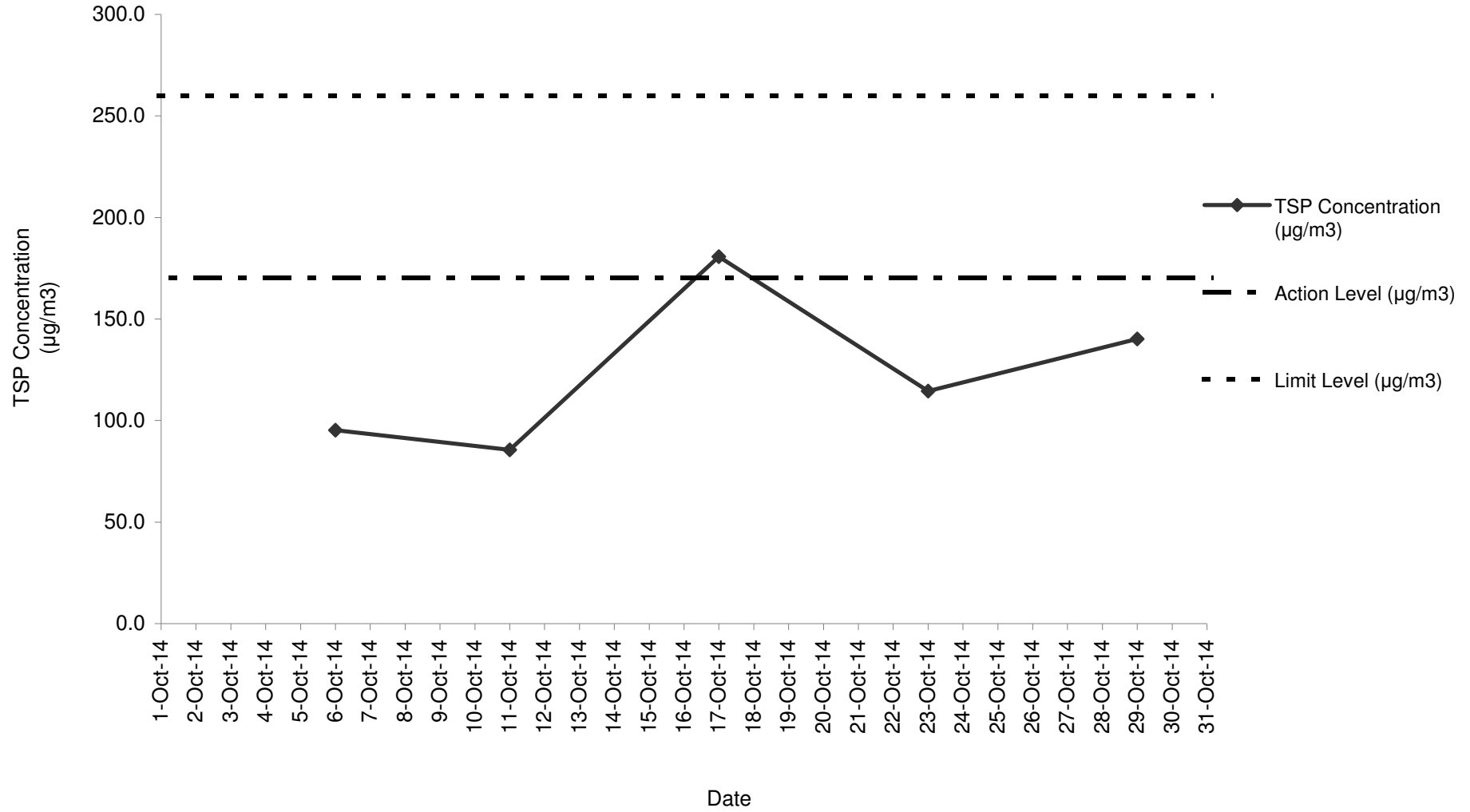
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

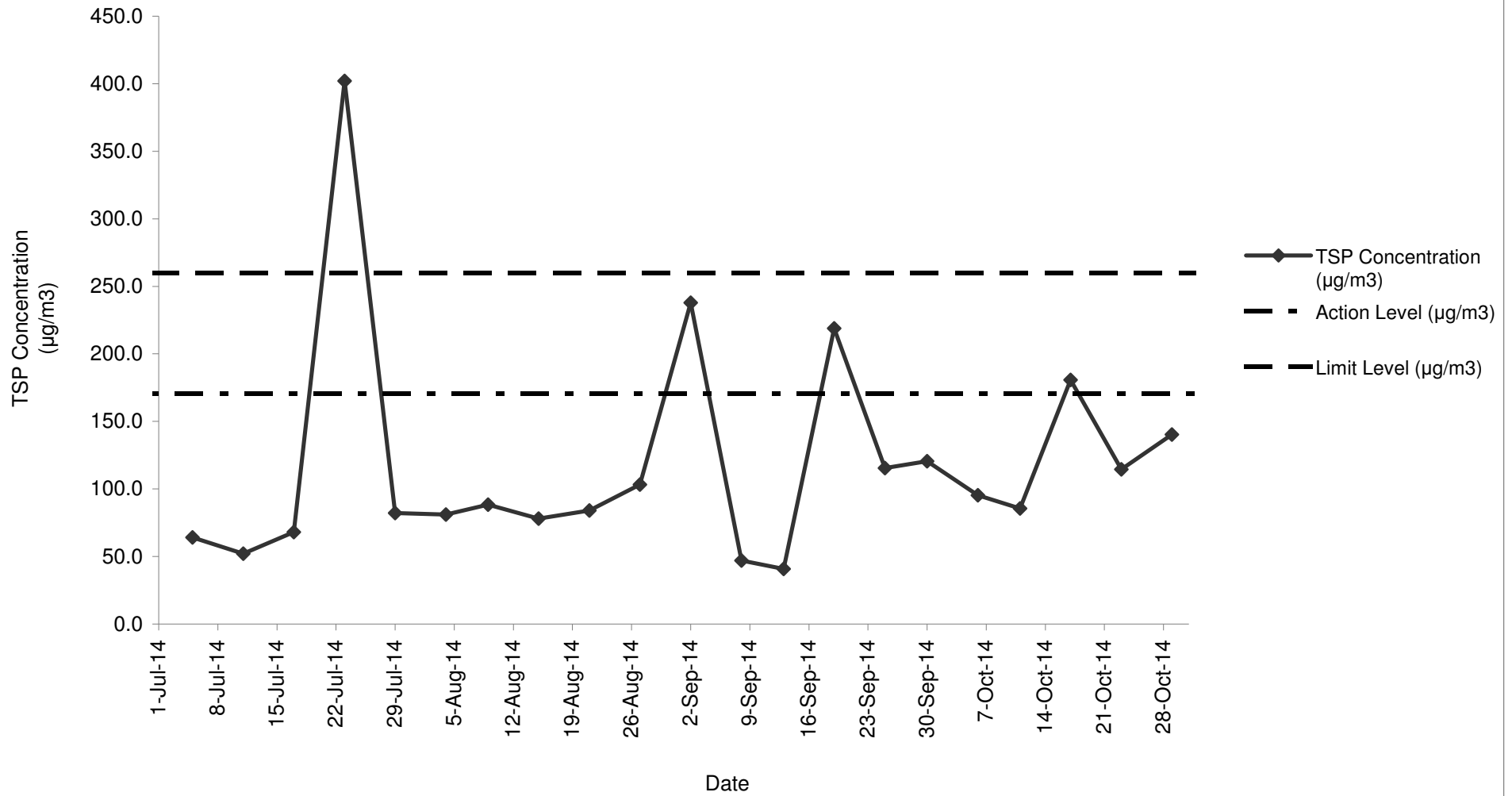
Sampling Date	Weather Condition	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m ³ /min)			Total Volume (m ³)	TSP Concentration (µg/m ³)	Action Level (µg/m3)	Limit Level (µg/m3)	Wind speed m/s	Wind direction
			Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate						
6-Oct-14	Fine	93	2.7227	2.9208	0.1981	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	95.3	170.3	260.0	<5	N
11-Oct-14	Sunny	94	2.6914	2.8693	0.1779	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	85.5	170.3	260.0	<5	N
17-Oct-14	Sunny	97	2.8002	3.1761	0.3759	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	180.8	170.3	260.0	<5	N
23-Oct-14	Sunny	101	2.7829	3.0210	0.2381	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	114.5	170.3	260.0	<5	N
29-Oct-14	Fine	100	2.7114	3.0030	0.2916	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	140.2	170.3	260.0	<5	N
																Average	123.3			
																Min	85.5			
																Max	180.8			

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 (July - October 2014)



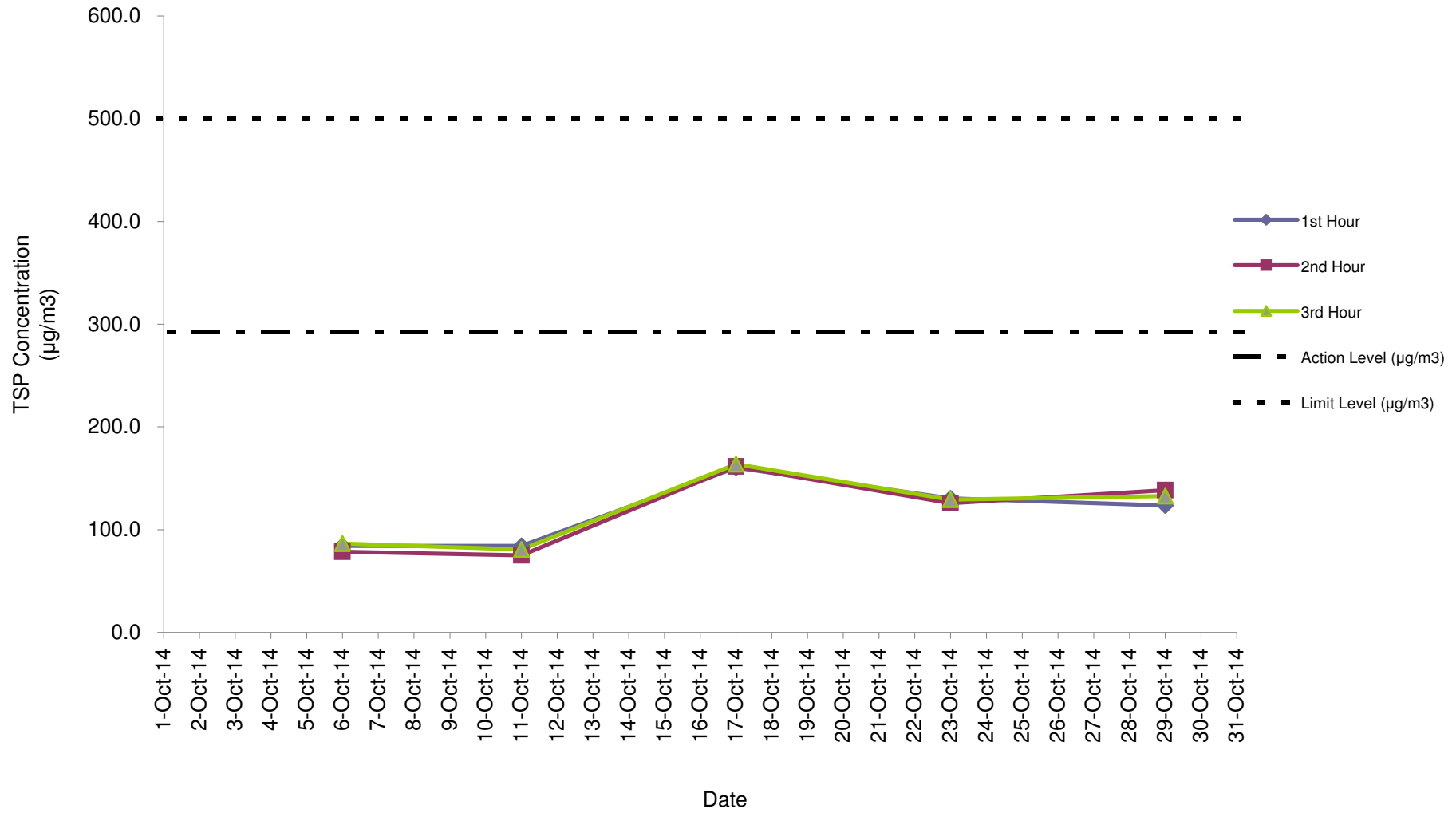
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

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						
6-Oct-14	Fine	92A	2.7226	2.7299	0.0073	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	84.2	292.7	500.0	<5	N
		92B	2.7033	2.7101	0.0068	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	78.5	292.7	500.0	<5	N
		92C	2.7113	2.7188	0.0075	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	86.6	292.7	500.0	<5	N
11-Oct-14	Sunny	95A	2.7011	2.7084	0.0073	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	84.2	292.7	500.0	<5	N
		95B	2.7108	2.7173	0.0065	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	75.0	292.7	500.0	<5	N
		95C	2.6889	2.6959	0.0070	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	80.8	292.7	500.0	<5	N
17-Oct-14	Sunny	98A	2.7892	2.8031	0.0139	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	160.4	292.7	500.0	<5	N
		98B	2.6898	2.7038	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
		98C	2.7049	2.7191	0.0142	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	163.9	292.7	500.0	<5	N
23-Oct-14	Sunny	96A	2.7866	2.7979	0.0113	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	130.4	292.7	500.0	<5	N
		96B	2.6781	2.6890	0.0109	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	125.8	292.7	500.0	<5	N
		96C	2.7059	2.7171	0.0112	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	129.3	292.7	500.0	<5	N
29-Oct-14	Fine	99A	2.7034	2.7141	0.0107	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	123.5	292.7	500.0	<5	N
		99B	2.6861	2.6981	0.0120	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	138.5	292.7	500.0	<5	N
		99C	2.6904	2.7019	0.0115	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	132.7	292.7	500.0	<5	N
															Average	117.0				
															Min	75.0				
															Max	163.9				

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 - October 2014)

