

Appendix F Air Quality Monitoring Results and their Graphical Presentation

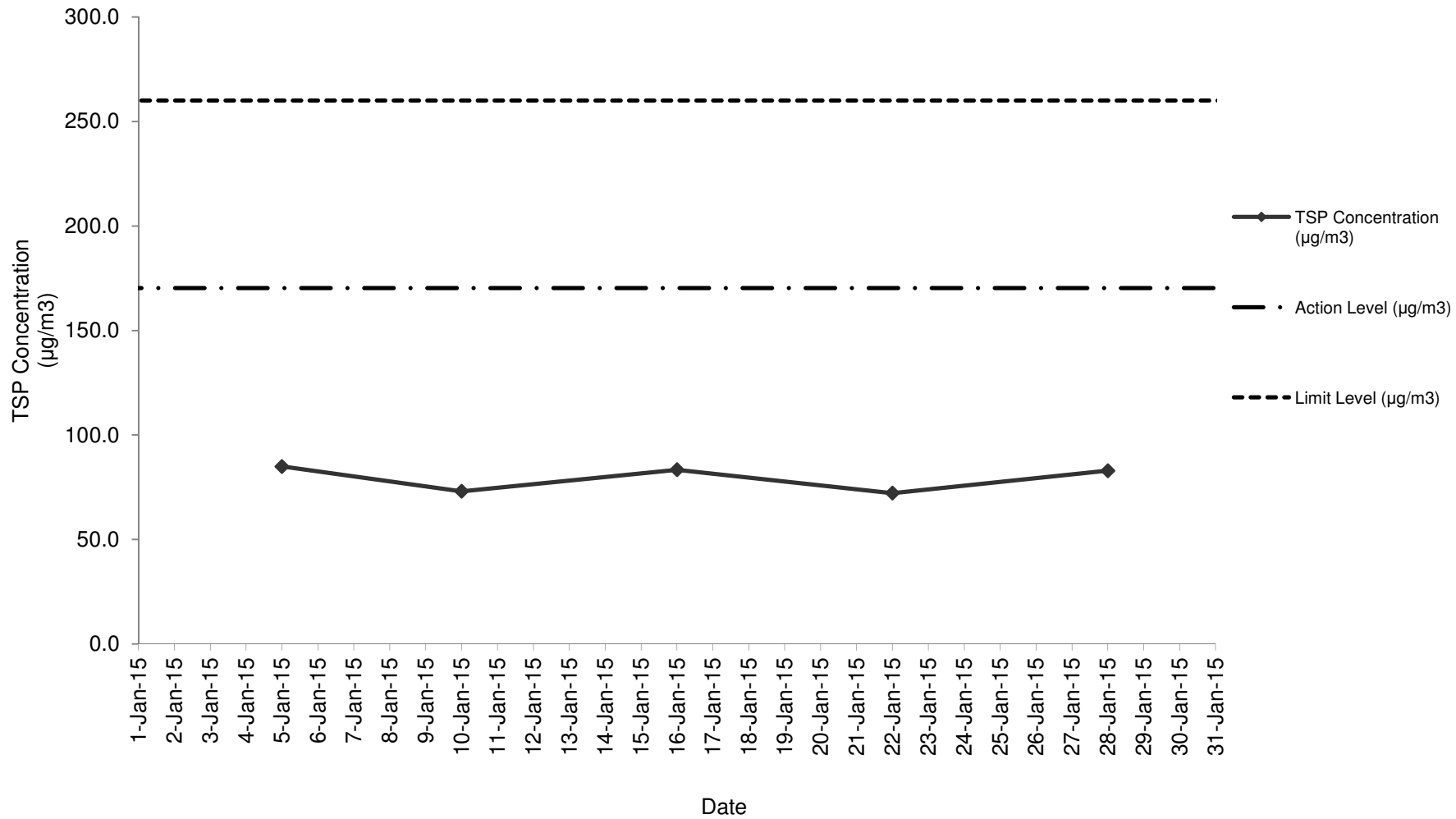
Appendix F
 Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

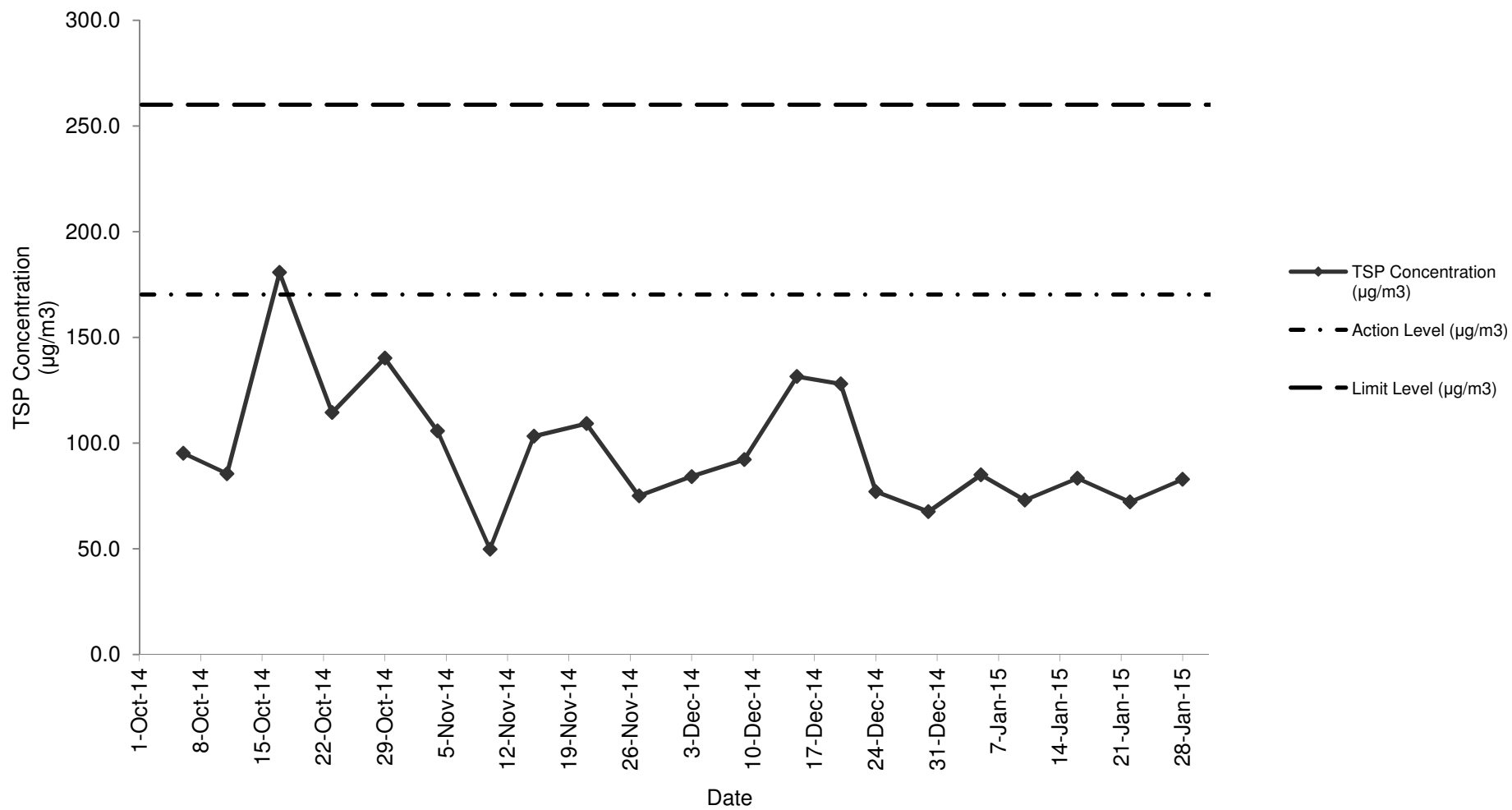
Sampling Date	Weather Condition	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m ³ /min)			Total Volume (m ³)	TSP Concentration (µg/m ³)	Action Level (µg/m3)	Limit Level (µg/m3)	Wind speed m/s	Wind direction
			Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate						
5-Jan-15	Fine	B15	2.8047	2.9814	0.1767	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	85.0	170.3	260.0	<5	N
10-Jan-15	Fine	B13	2.8025	2.9544	0.1519	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	73.0	170.3	260.0	<5	N
16-Jan-15	Fine	B11	2.8099	2.9833	0.1734	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	83.4	170.3	260.0	<5	N
22-Jan-15	Fine	B8	2.7922	2.9423	0.1501	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	72.2	170.3	260.0	<5	N
28-Jan-15	Fine	B7	2.7973	2.9697	0.1724	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	82.9	170.3	260.0	<5	N
															Average	79.3				
															Min	72.2				
															Max	85.0				

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 (October 2014 - January 2015)



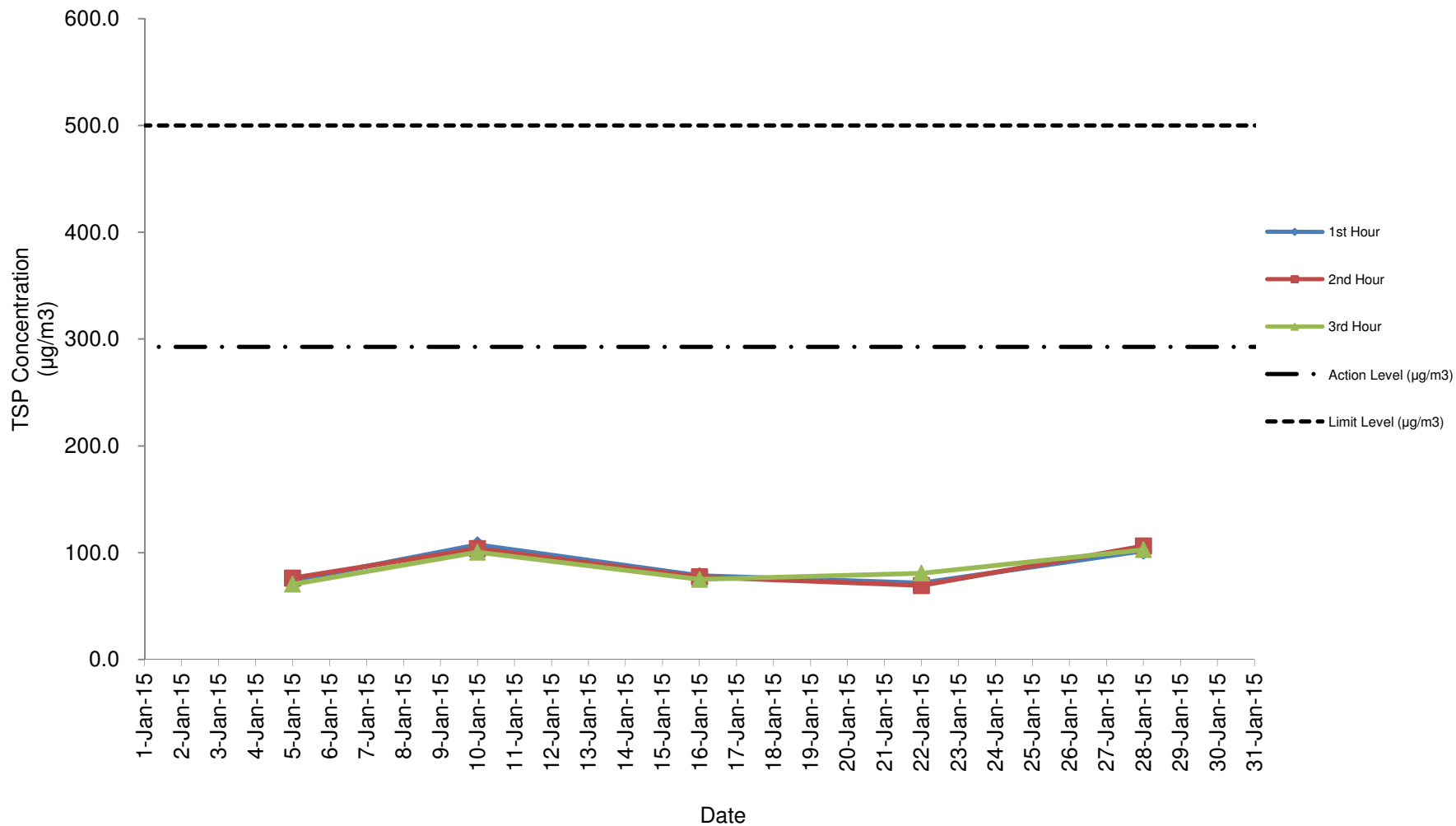
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

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						
5-Jan-15	Fine	B16A	2.7989	2.8053	0.0064	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	73.9	292.7	500.0	<5	N
		B16B	2.8011	2.8077	0.0066	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	76.2	292.7	500.0	<5	N
		B16C	2.7683	2.7744	0.0061	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	70.4	292.7	500.0	<5	N
10-Jan-15	Fine	B14A	2.8116	2.8209	0.0093	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	107.3	292.7	500.0	<5	N
		B14B	2.8002	2.8092	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
		B14C	2.8085	2.8172	0.0087	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	100.4	292.7	500.0	<5	N
16-Jan-15	Fine	B12A	2.7984	2.8052	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
		B12B	2.7811	2.7878	0.0067	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	77.3	292.7	500.0	<5	N
		B12C	2.8014	2.8079	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
22-Jan-15	Fine	B10A	2.7919	2.7981	0.0062	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	71.6	292.7	500.0	<5	N
		B10B	2.7781	2.7841	0.0060	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	69.2	292.7	500.0	<5	N
		B10C	2.7903	2.7973	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
28-Jan-15	Fine	B9A	2.7865	2.7953	0.0088	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	101.6	292.7	500.0	<5	N
		B9B	2.8003	2.8095	0.0092	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	106.2	292.7	500.0	<5	N
		B9C	2.7946	2.8035	0.0089	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	102.7	292.7	500.0	<5	N
															Average	86.3				
															Min	69.2				
															Max	107.3				

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 (October 2014 - January 2015)

