

Appendix F Air Quality Monitoring Results and their Graphical Presentation

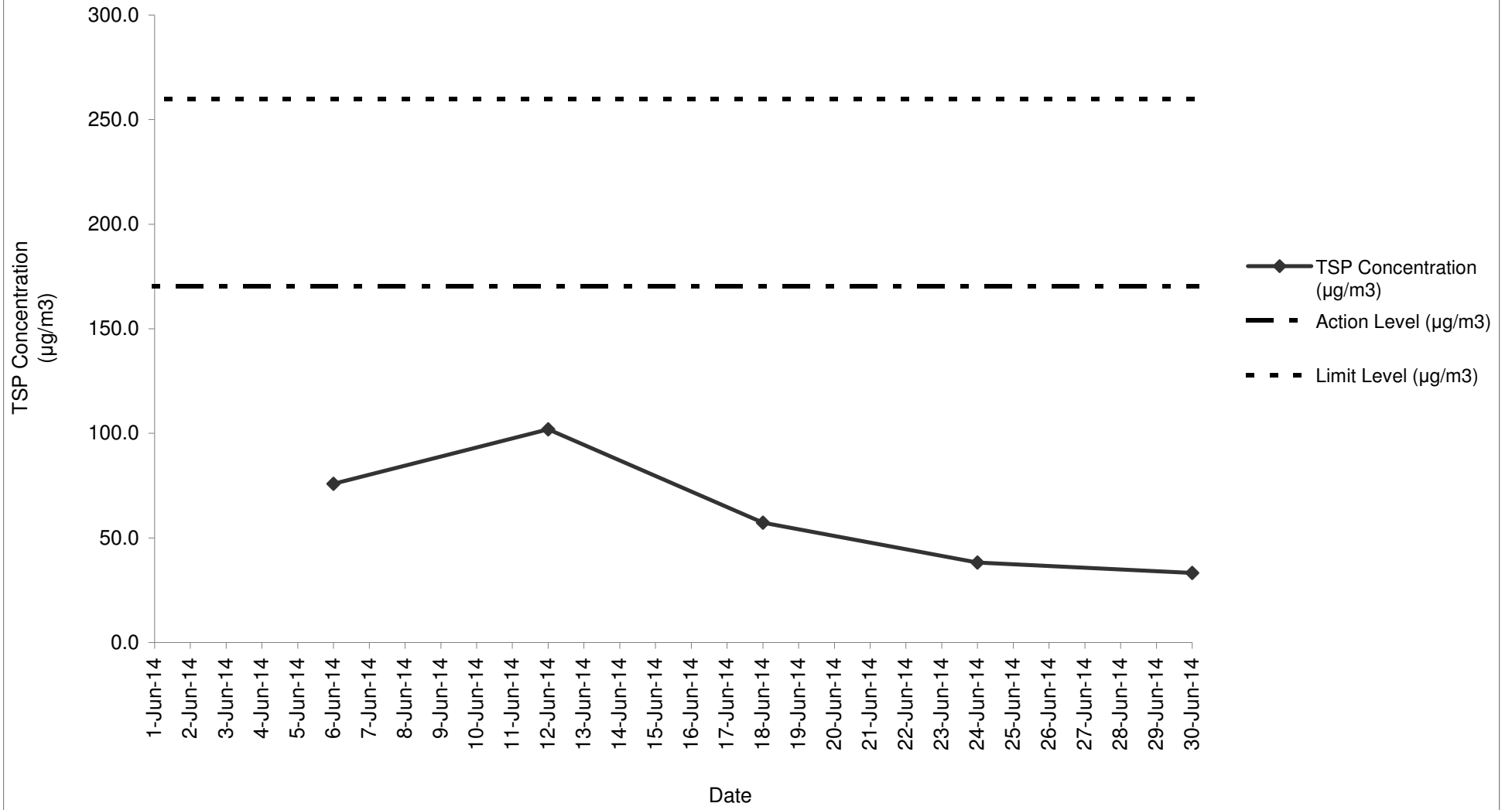
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

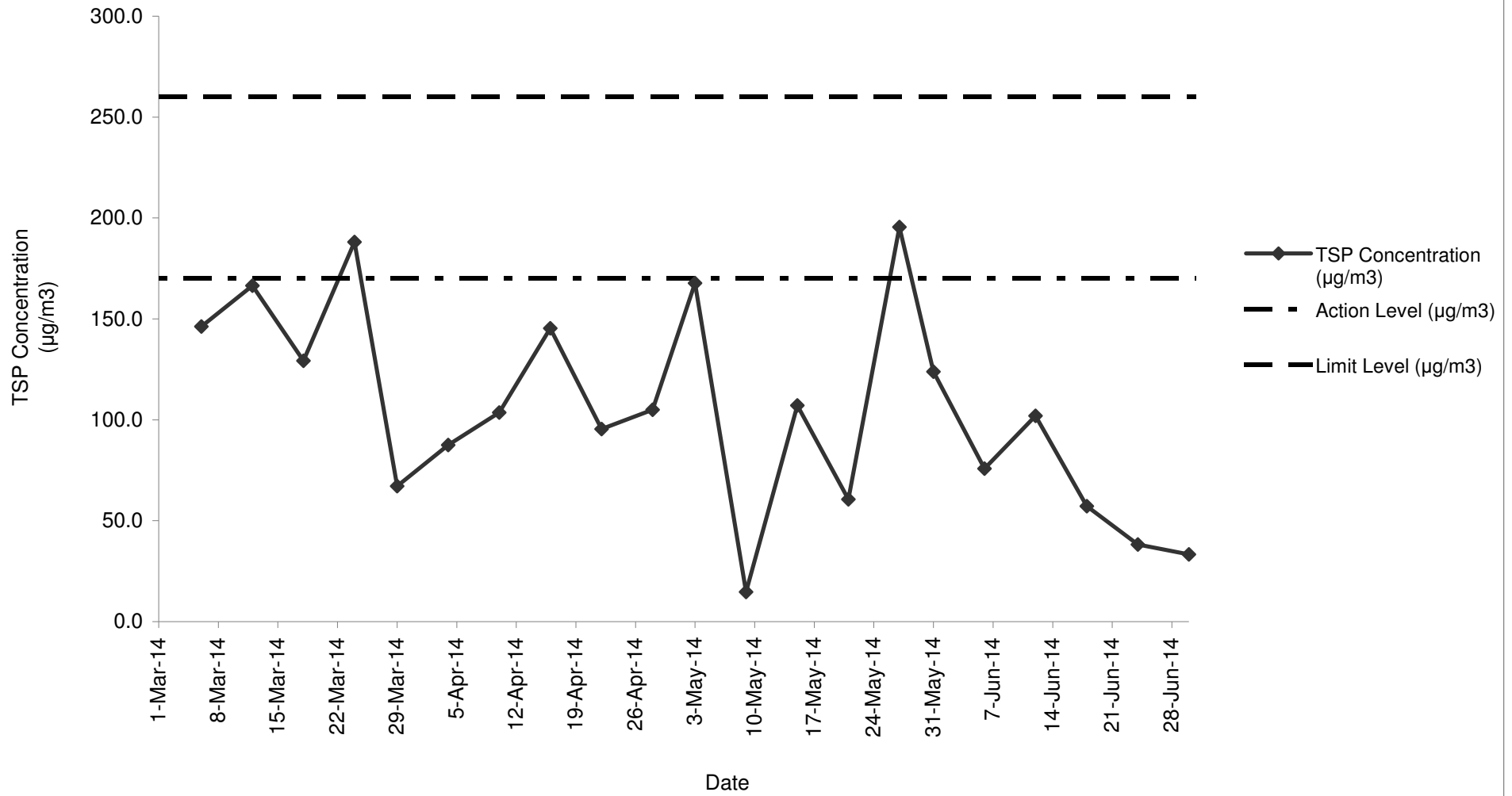
Sampling Date	Weather Condition	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m ³ /min)			Total Volume (m ³)	TSP Concentration (µg/m ³)	Action Level (µg/m3)	Limit Level (µg/m3)	Wind speed m/s	Wind direction
			Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate						
6-Jun-14	Cloudy	41	2.6798	2.8375	0.1577	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	75.8	170.3	260.0	<5	N
12-Jun-14	Fine	50	2.6908	2.9028	0.2120	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	101.9	170.3	260.0	<5	N
18-Jun-14	Cloudy	44	2.7198	2.8389	0.1191	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	57.3	170.3	260.0	<5	N
24-Jun-14	Rainy	46	2.6996	2.7792	0.0796	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	38.3	170.3	260.0	<5	N
30-Jun-14	Rainy	47	2.7035	2.7728	0.0693	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	33.3	170.3	260.0	<5	N
																Average	61.3			
																Min	33.3			
																Max	101.9			

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

24-Hour TSP Monitoring Result at Station: SR77



24-Hour TSP Monitoring Result at Station: SR77 (March - June 2014)



Appendix E
Air Quality Monitoring Results and their Graphical Presentation

1-Hour TSP Monitoring Result at Station: SR77

Date	Weather Condition	Time	Conc.(µg/m ³)			Action Level (µg/m ³)	Limit Level (µg/m ³)
			1 st Hour	2 nd Hour	3 rd Hour		
6-Jun-14	Cloudy	14:30 - 17:34	166.0	173.0	158.0	292.7	500.0
12-Jun-14	Fine	9:00 - 12:04	178.9	161.6	130.4	292.7	500.0
18-Jun-14	Cloudy	9:00 - 12:00	58.9	61.2	54.2	292.7	500.0
24-Jun-14	Rainy	9:00 - 12:00	34.6	36.9	35.8	292.7	500.0
30-Jun-14	Rainy	9:00 - 12:00	35.8	34.6	38.1	292.7	500.0
					Average	90.5	
					Min	34.6	
					Max	178.9	

Note: No major dust source observed during the monitoring period

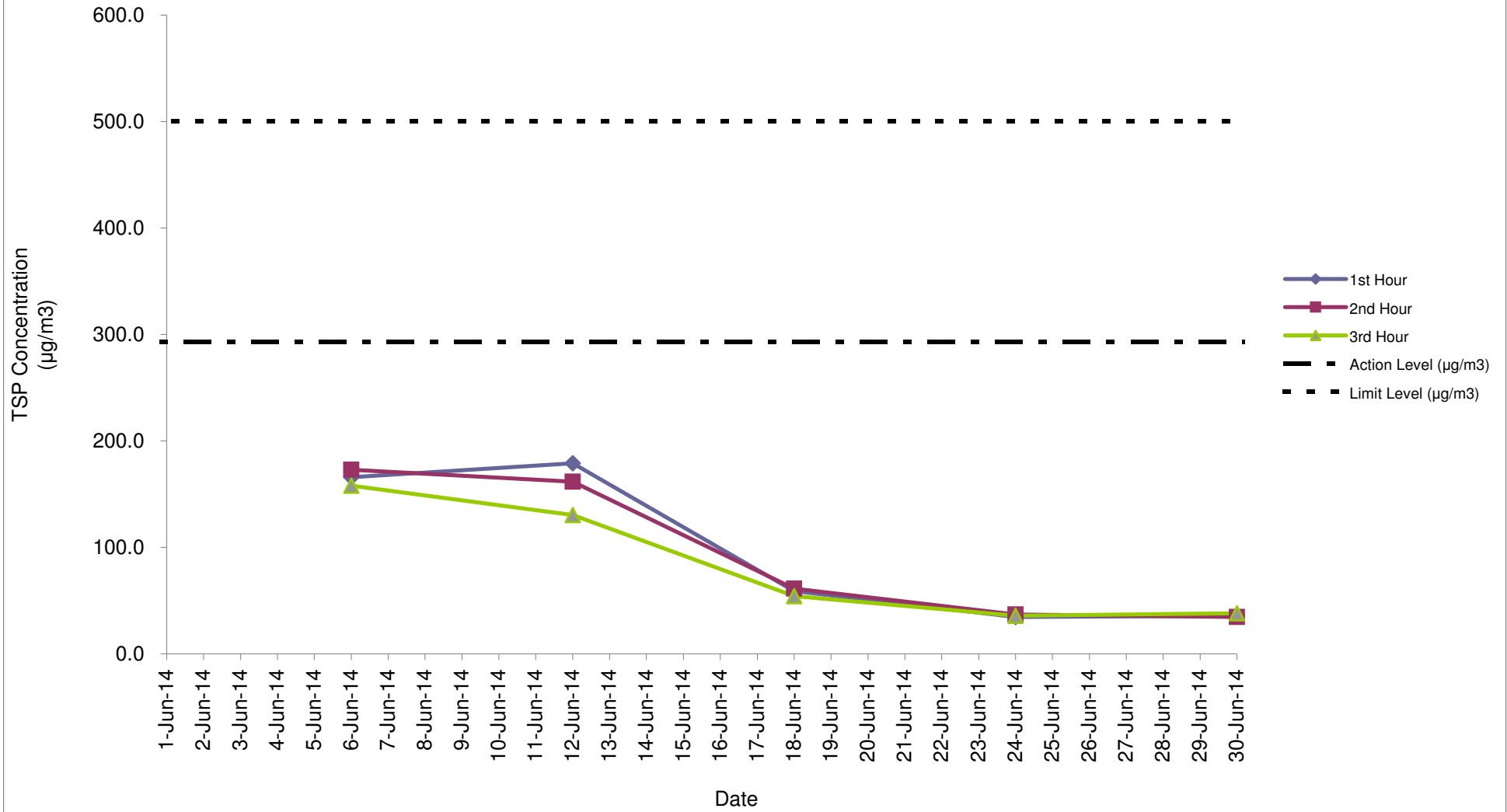
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Detailed Calculation of 1-Hour TSP Monitoring Result at Station: SR77

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						
12-Jun-14	Fine	42A	2.7048	2.7203	0.0155	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	178.9	292.7	500.0	<5	N
		42B	2.7044	2.7184	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
		42C	2.7046	2.7159	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
18-Jun-14	Cloudy	44A	2.7152	2.7203	0.0051	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	58.9	292.7	500.0	<5	N
		44B	2.7144	2.7197	0.0053	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	61.2	292.7	500.0	<5	N
		44C	2.7155	2.7202	0.0047	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	54.2	292.7	500.0	<5	N
24-Jun-14	Rainy	46A	2.6520	2.6550	0.0030	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	34.6	292.7	500.0	<5	N
		46B	2.6524	2.6556	0.0032	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	36.9	292.7	500.0	<5	N
		46C	2.6447	2.6478	0.0031	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	35.8	292.7	500.0	<5	N
30-Jun-14	Rainy	47A	2.7266	2.7297	0.0031	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	35.8	292.7	500.0	<5	N
		47B	2.7248	2.7278	0.0030	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	34.6	292.7	500.0	<5	N
		47C	2.7243	2.7276	0.0033	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	38.1	292.7	500.0	<5	N
															Average	71.7				
															Min	34.6				
															Max	178.9				

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 (March - June 2014)

