

# **Appendix F Air Quality Monitoring Results and their Graphical Presentation**

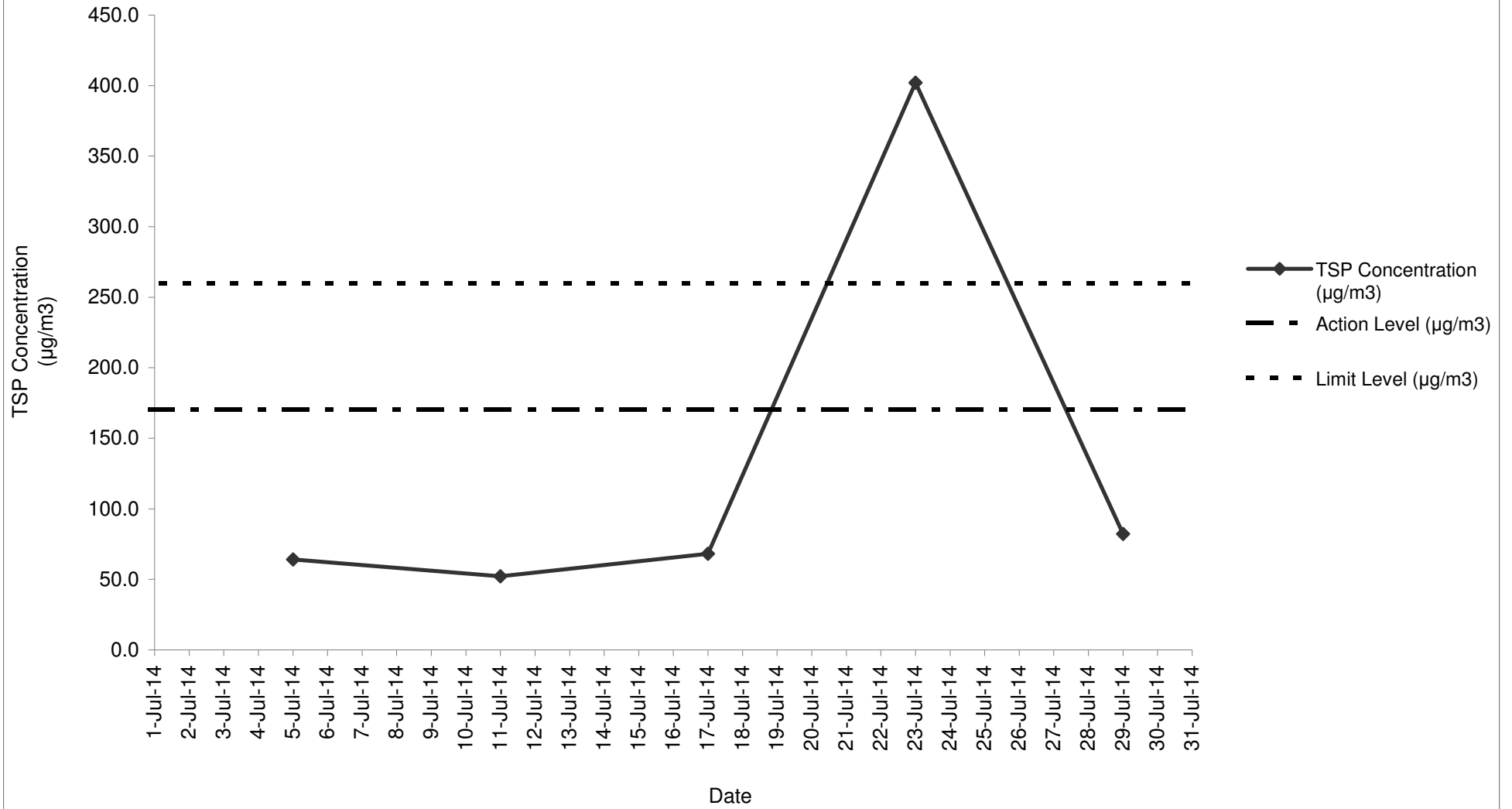
Appendix F  
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

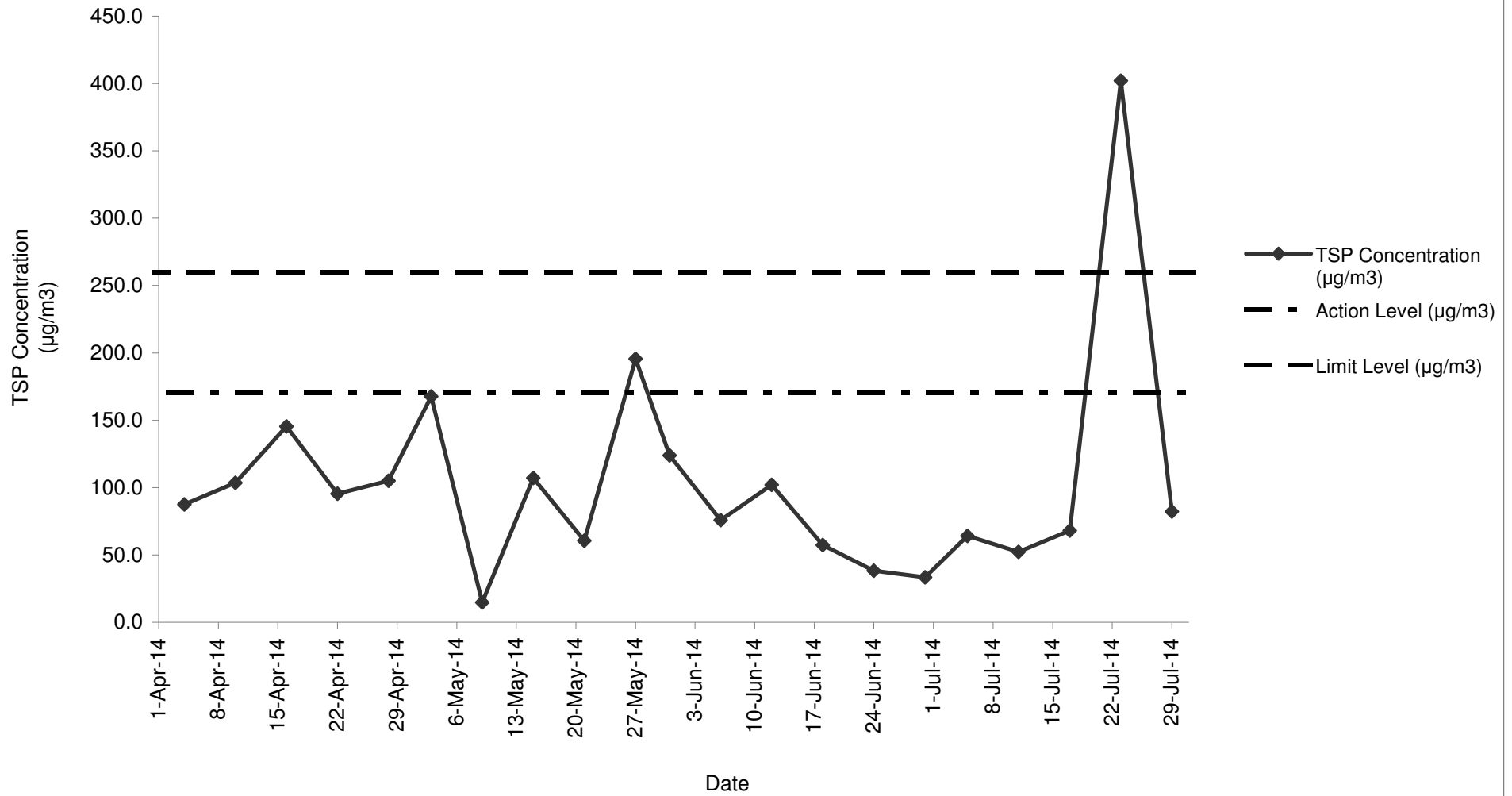
Sampling Date	Weather Condition	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m <sup>3</sup> /min)			Total Volume (m <sup>3</sup> )	TSP Concentration (µg/m <sup>3</sup> )	Action Level (µg/m3)	Limit Level (µg/m3)	Wind speed m/s	Wind direction
			Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate						
5-Jul-14	Rainy	50	2.7048	2.8380	0.1332	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	64.1	170.3	260.0	<5	N
11-Jul-14	Fine	51	2.7072	2.8157	0.1085	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	52.2	170.3	260.0	<5	N
17-Jul-14	Fine	53	2.7005	2.8421	0.1416	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	68.1	170.3	260.0	<5	N
23-Jul-14	Fine	57	2.6795	3.5157	0.8362	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	<b>402.1</b>	170.3	260.0	<5	N
29-Jul-14	Fine	59	2.7073	2.8783	0.1710	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	82.2	170.3	260.0	<5	N
																<b>Average</b>	133.7			
																<b>Min</b>	52.2			
																<b>Max</b>	402.1			

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

### 24-Hour TSP Monitoring Result at Station: SR77



### 24-Hour TSP Monitoring Result at Station: SR77 (April - July 2014)



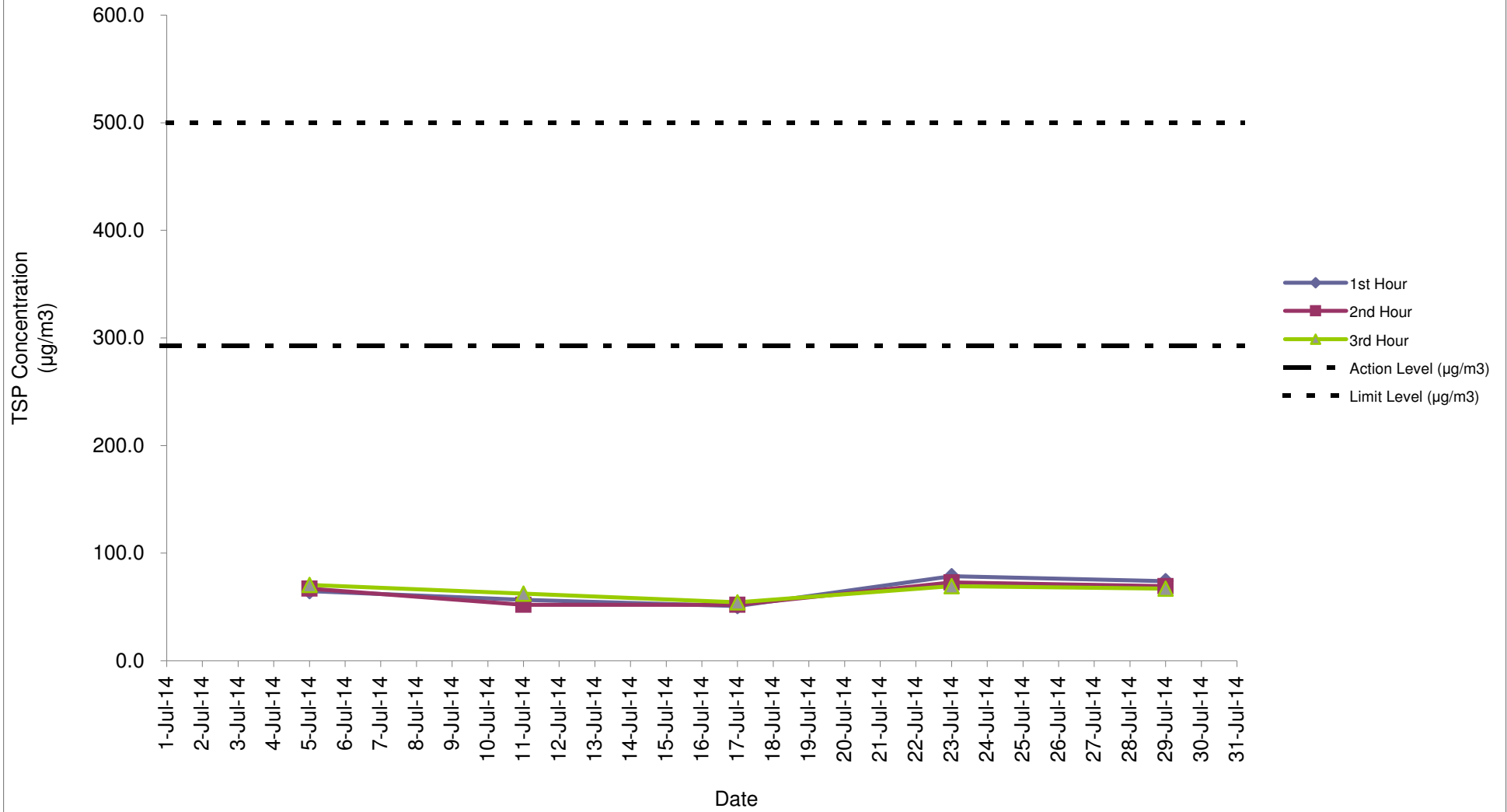
Appendix F  
Air Quality Monitoring Results and their Graphical Presentation

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 <sup>3</sup> /min)			Total Volume (m <sup>3</sup> )	TSP Concentration (µg/m <sup>3</sup> )	Action Level (µg/m <sup>3</sup> )	Limit Level (µg/m <sup>3</sup> )	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-Jul-14	Rainy	49A	2.7055	2.7111	0.0056	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	64.6	292.7	500.0	<5	N
		49B	2.7103	2.7161	0.0058	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	66.9	292.7	500.0	<5	N
		49C	2.7081	2.7142	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
11-Jul-14	Fine	51A	2.7220	2.7269	0.0049	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	56.5	292.7	500.0	<5	N
		51B	2.7134	2.7179	0.0045	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	51.9	292.7	500.0	<5	N
		51C	2.7123	2.7177	0.0054	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	62.3	292.7	500.0	<5	N
17-Jul-14	Fine	54A	2.6764	2.6808	0.0044	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	50.8	292.7	500.0	<5	N
		54B	2.6691	2.6736	0.0045	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	51.9	292.7	500.0	<5	N
		54C	2.6778	2.6825	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
23-Jul-14	Fine	56A	2.7103	2.7171	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
		56B	2.7118	2.7181	0.0063	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	72.7	292.7	500.0	<5	N
		56C	2.7099	2.7159	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
29-Jul-14	Fine	58A	2.6847	2.6911	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
		58B	2.6831	2.6891	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
		58C	2.7412	2.7470	0.0058	0.00	1.00	1.00	51	51	51.0	1.44	1.44	1.44	86.65	66.9	292.7	500.0	<5	N
															<b>Average</b>	62.5				
															<b>Min</b>	50.8				
															<b>Max</b>	78.5				

Note: No major dust source observed during the monitoring period

### 1-Hour TSP Monitoring Result at station: SR77



### 1-Hour TSP Monitoring Result at station: SR77 (April - July 2014)

