

# **Appendix F**

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

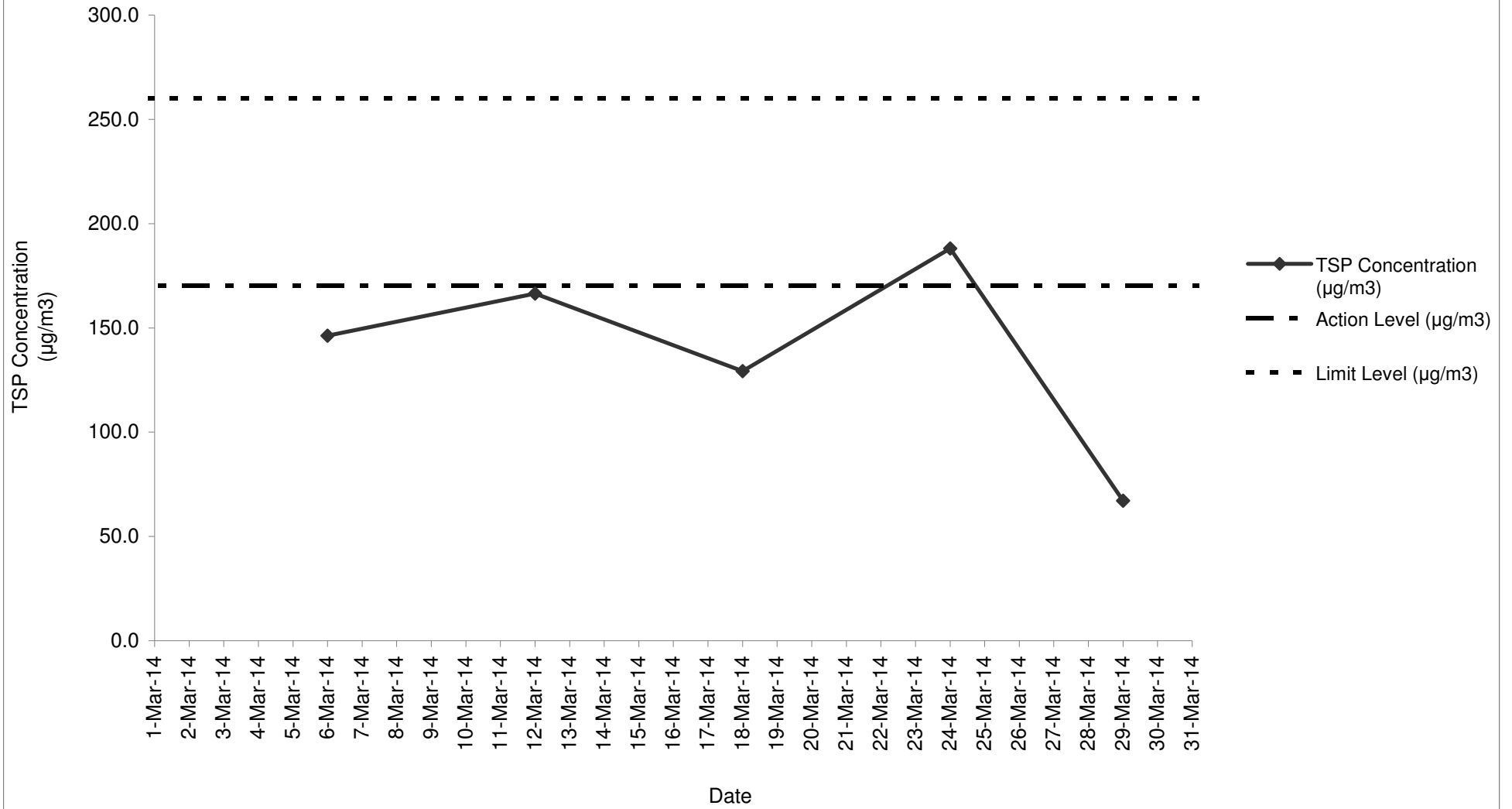
Appendix F  
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at station: SR77

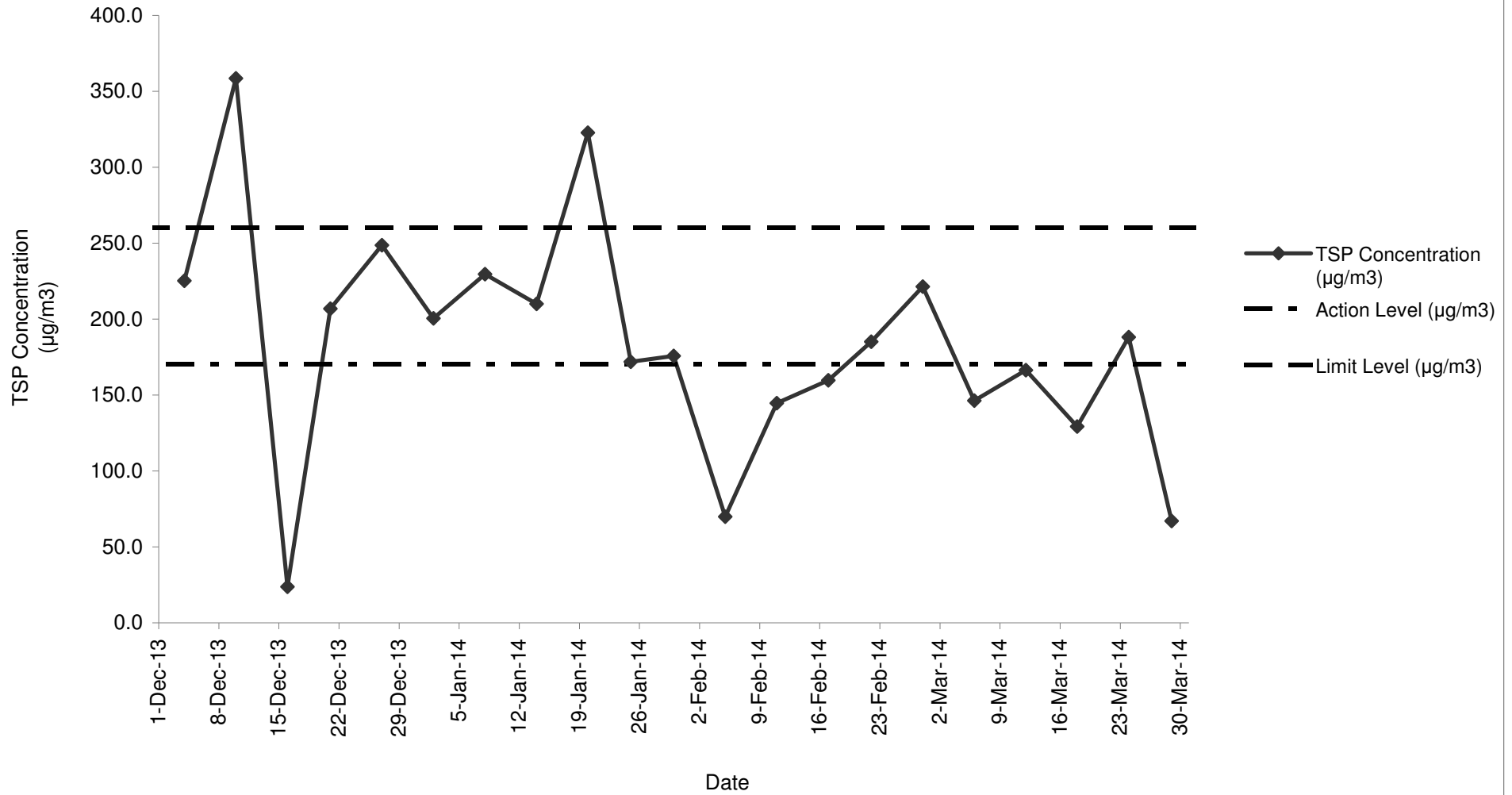
Sampling Date	Weather Condition	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m <sup>3</sup> /min)			Total Volume (m <sup>3</sup> )	TSP Concentration (µg/m <sup>3</sup> )	Action Level (µg/m3)	Limit Level (µg/m3)	Wind speed m/s	Wind direction
			Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate						
6-Mar-14	Cloudy	3	2.7216	3.0258	0.3042	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	146.3	170.3	260.0	<5	N
12-Mar-14	Cloudy	6	2.7007	3.0468	0.3461	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	166.4	170.3	260.0	<5	N
18-Mar-14	Fine	7	2.7102	2.9790	0.2688	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	129.3	170.3	260.0	<5	N
24-Mar-14	Fine	8	2.6925	3.0836	0.3911	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	<b>188.1</b>	170.3	260.0	<5	N
29-Mar-14	Rainy	9	2.6958	2.8354	0.1396	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	67.1	170.3	260.0	<5	N
																<b>Average</b>	139.4			
																<b>Min</b>	67.1			
																<b>Max</b>	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

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



**24-Hour TSP Monitoring Result at Station: SR77  
(December 2013 - March 2014)**



**Appendix F**

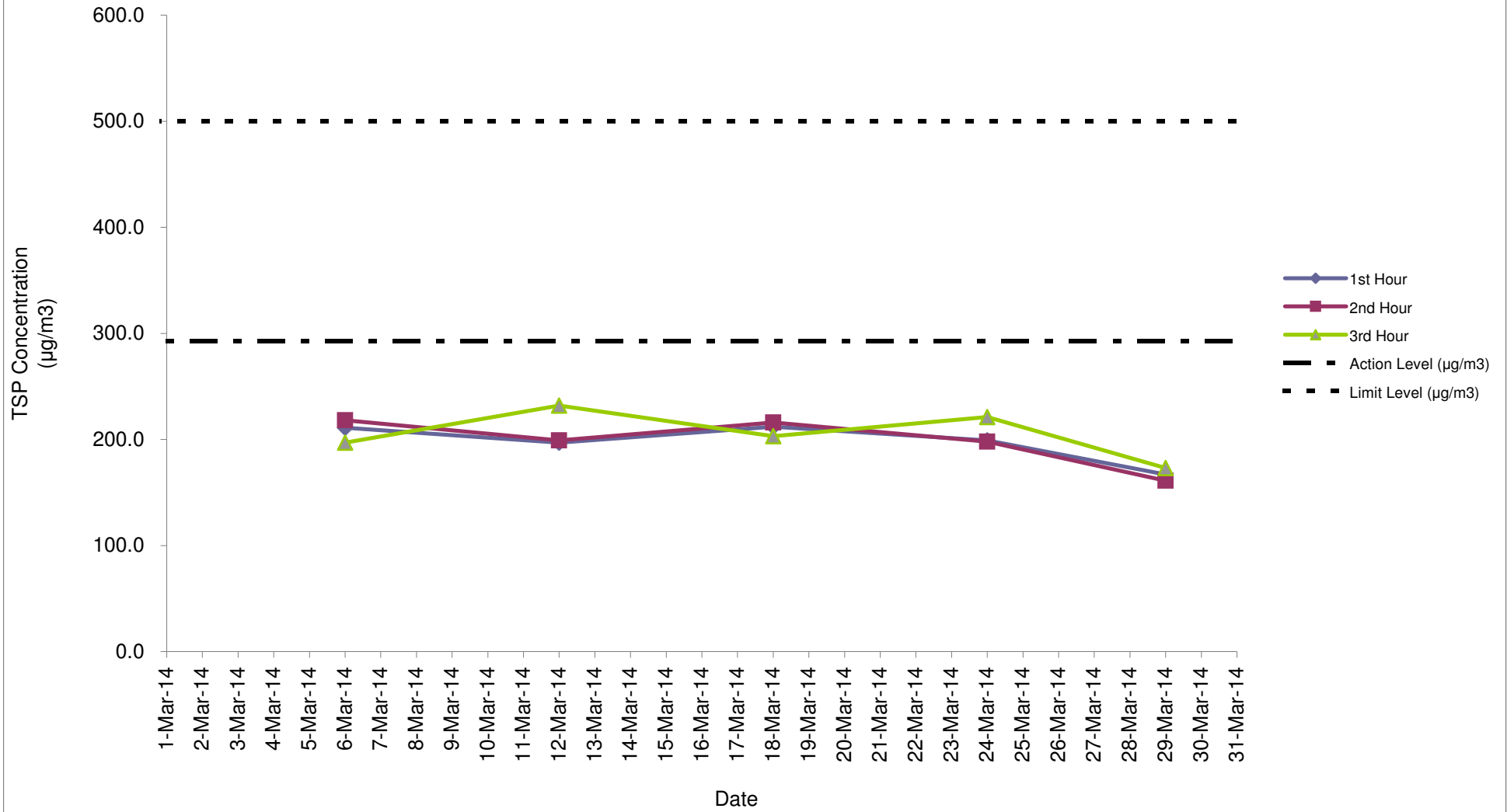
**Air Quality Monitoring Results and their Graphical Presentation**

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

Date	Weather Condition	Time	Conc.(µg/m <sup>3</sup> )			Action Level (µg/m <sup>3</sup> )	Limit Level (µg/m <sup>3</sup> )
			1 <sup>st</sup> Hour	2 <sup>nd</sup> Hour	3 <sup>rd</sup> Hour		
6-Mar-14	Cloudy	11:00 - 14:04	211.0	218.0	197.0	292.7	500.0
12-Mar-14	Cloudy	11:00 - 14:04	197.0	199.0	232.0	292.7	500.0
18-Mar-14	Fine	14:00 - 17:04	212.0	216.0	203.0	292.7	500.0
24-Mar-14	Fine	11:00 - 14:04	199.0	198.0	221.0	292.7	500.0
29-Mar-14	Rainy	10:00 - 13:04	167.0	161.0	173.0	292.7	500.0
					<b>Average</b>	200.3	
					<b>Min</b>	161.0	
					<b>Max</b>	232.0	

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 (December 2013 - March 2014)

