

# **Appendix F**

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

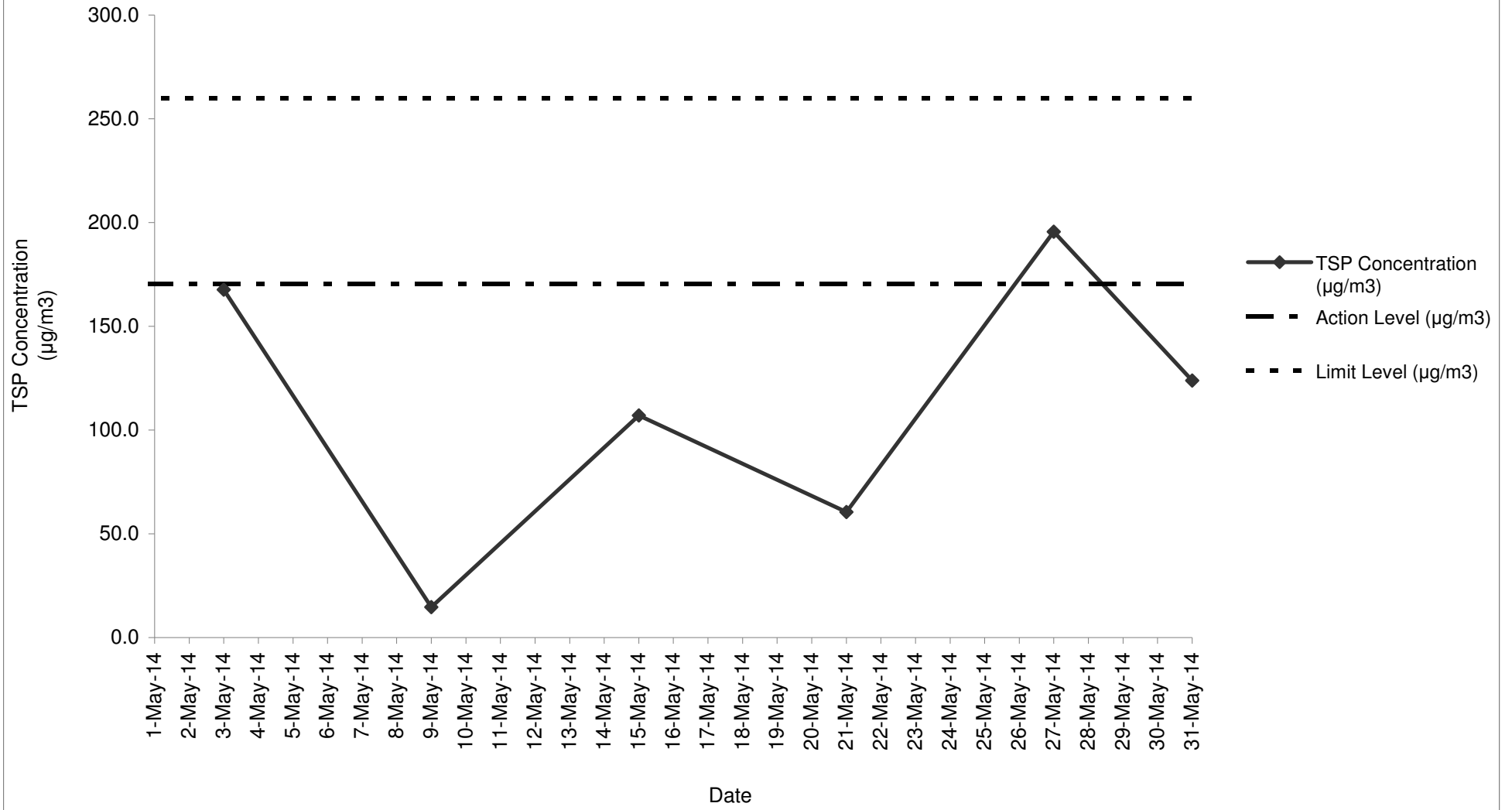
Appendix F  
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at station: SR77

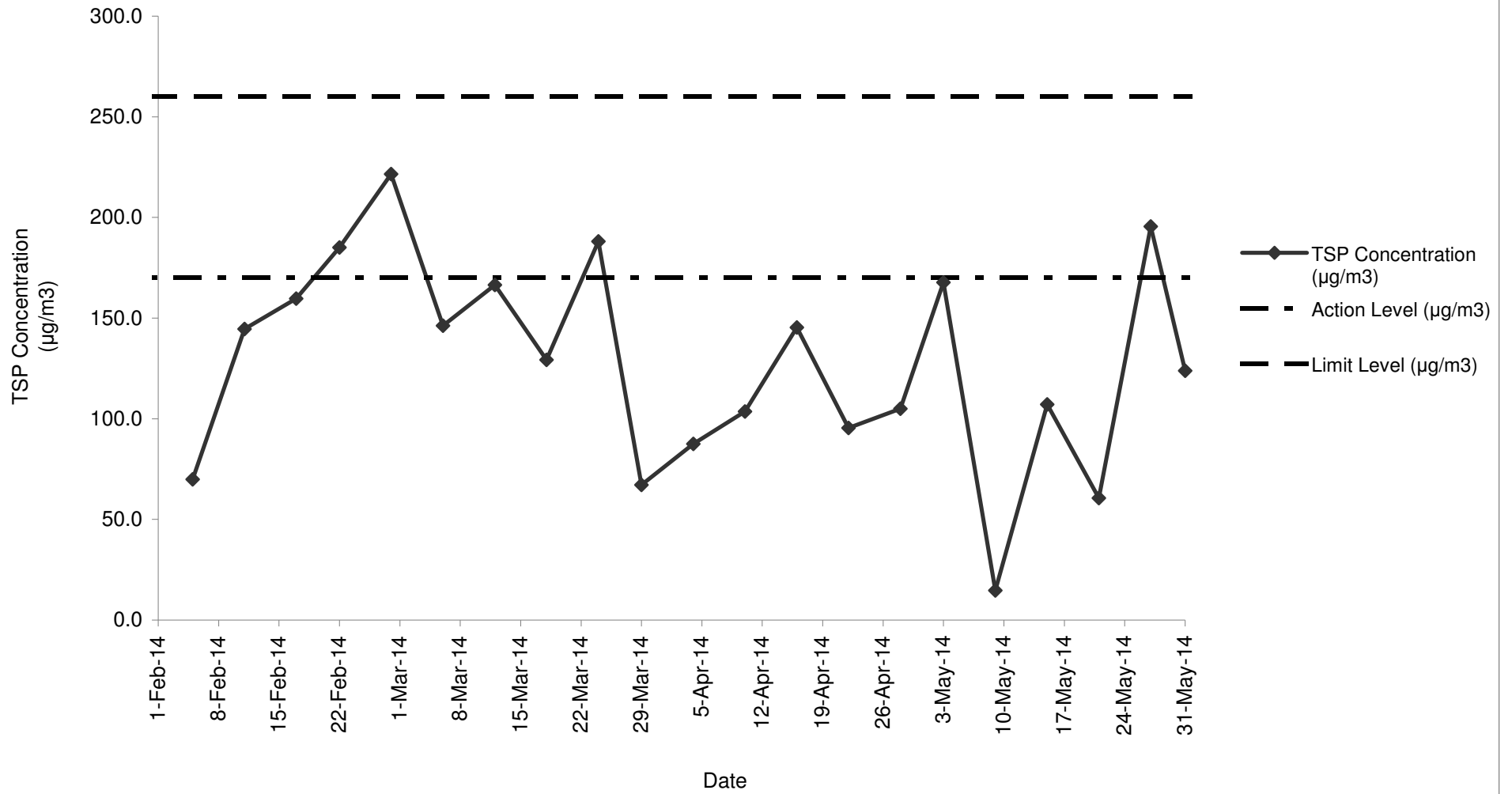
Sampling Date	Weather Condition	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m <sup>3</sup> /min)			Total Volume (m <sup>3</sup> )	TSP Concentration (µg/m <sup>3</sup> )	Action Level (µg/m3)	Limit Level (µg/m3)	Wind speed m/s	Wind direction
			Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate						
3-May-14	Fine	15	2.7172	3.0659	0.3487	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	167.7	170.3	260.0	<5	N
9-May-14	Rainy	21	2.7012	2.7317	0.0305	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	14.7	170.3	260.0	<5	N
15-May-14	Cloudy	212	2.7112	2.9339	0.2227	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	107.1	170.3	260.0	<5	N
21-May-14	Rainy	22	2.7506	2.8765	0.1259	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	60.5	170.3	260.0	<5	N
27-May-14	Fine	23	2.7061	3.1128	0.4067	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	<b>195.6</b>	170.3	260.0	<5	N
31-May-14	Fine	24	2.6975	2.9550	0.2575	0.00	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	123.8	170.3	260.0	<5	N
															<b>Average</b>	111.6				
															<b>Min</b>	14.7				
															<b>Max</b>	195.6				

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 (February - May 2014)



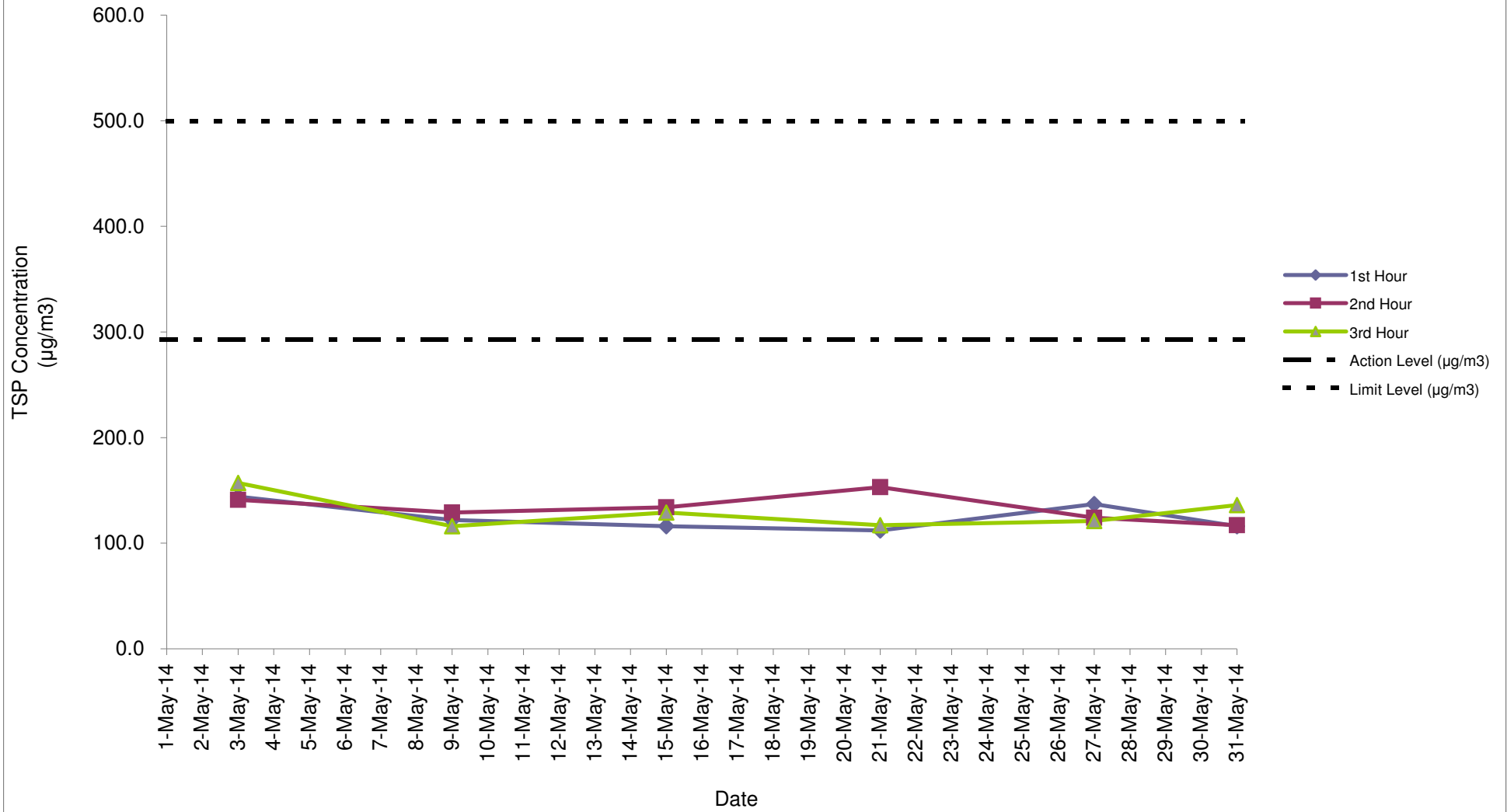
**Appendix E**  
**Air Quality Monitoring Results and their Graphical Presentation**

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

Date	Weather Condition	Time	Conc.( $\mu\text{g}/\text{m}^3$ )			Action Level ( $\mu\text{g}/\text{m}^3$ )	Limit Level ( $\mu\text{g}/\text{m}^3$ )
			1 <sup>st</sup> Hour	2 <sup>nd</sup> Hour	3 <sup>rd</sup> Hour		
3-May-14	Fine	10:30 - 13:34	144.0	141.0	157.0	292.7	500.0
9-May-14	Rainy	10:30 - 13:34	122.0	129.0	116.0	292.7	500.0
15-May-14	Cloudy	9:00 - 12:04	116.0	134.0	129.0	292.7	500.0
21-May-14	Rainy	14:30 - 17:34	112.0	153.0	117.0	292.7	500.0
27-May-14	Fine	10:30 - 13:34	137.0	124.0	121.0	292.7	500.0
31-May-14	Fine	10:30 - 13:34	116.0	117.0	136.0	292.7	500.0
					<b>Average</b>	128.9	
					<b>Min</b>	112.0	
					<b>Max</b>	157.0	

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 (February - May 2014)

