

# **Appendix F**

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

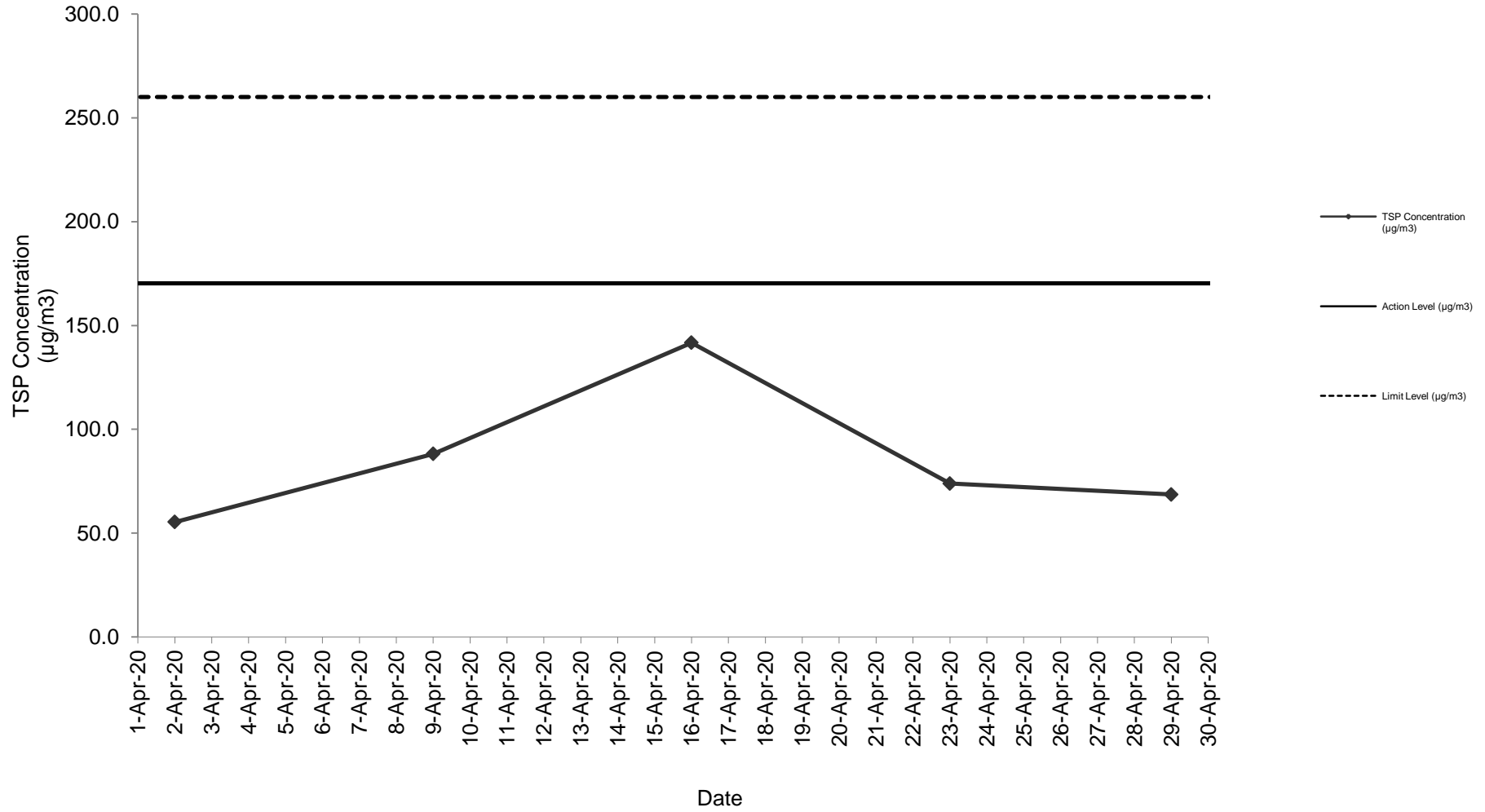
Appendix F  
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

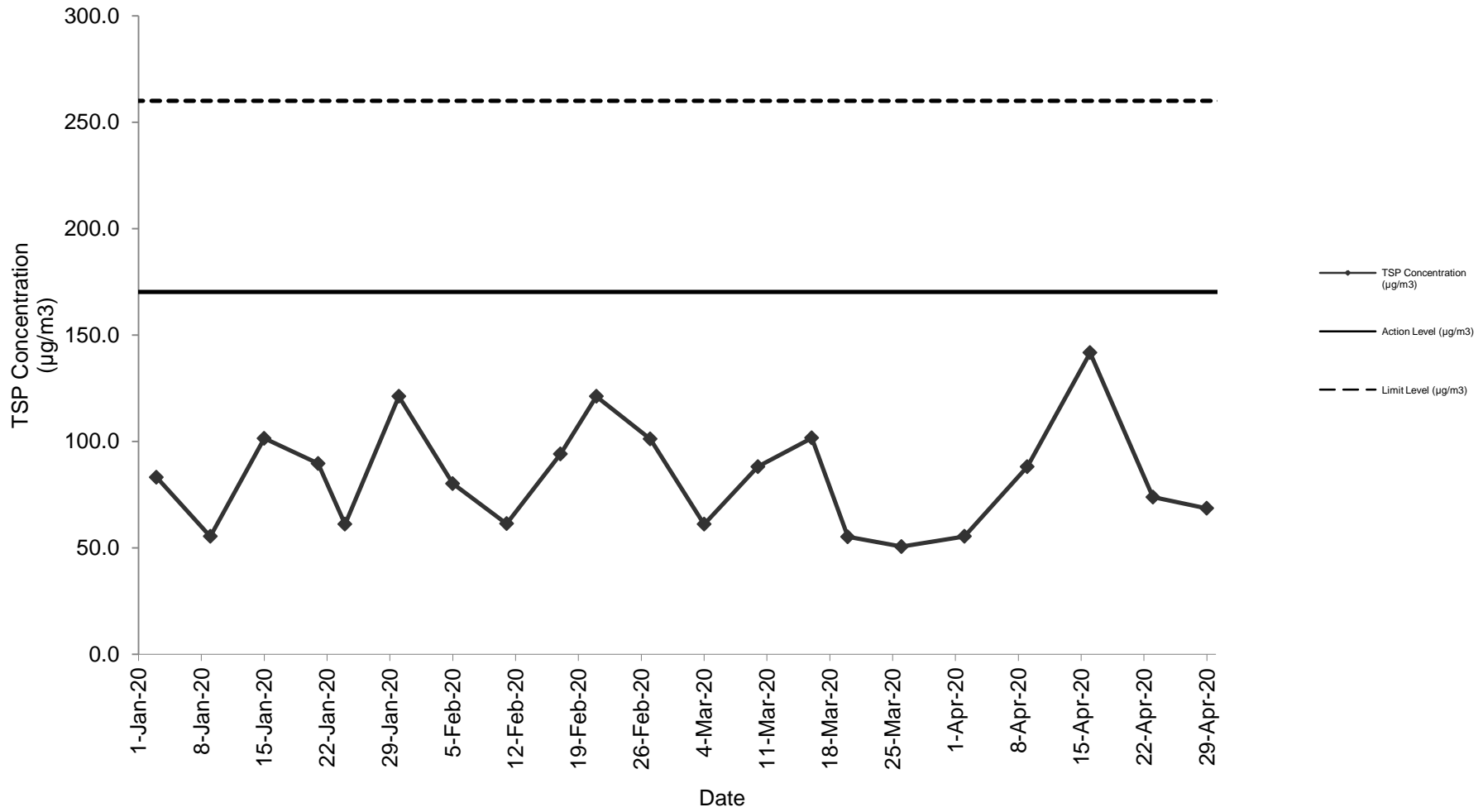
Sampling Date	Weather Condition	Starting Time	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m <sup>3</sup> /min)			Total Volume (m <sup>3</sup> )	TSP Concentration (µg/m <sup>3</sup> )	Action Level (µg/m <sup>3</sup> )	Limit Level (µg/m <sup>3</sup> )	Wind speed m/s	Wind direction	NOE	IR
				Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate								
2-Apr-20	Cloudy	13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	55.4	170.3	260.0	<5	N			
9-Apr-20	Fine	13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	88.2	170.3	260.0	<5	N			
16-Apr-20	Sunny	13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	141.7	170.3	260.0	<5	N			
23-Apr-20	Cloudy	13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	73.9	170.3	260.0	<5	N			
29-Apr-20	Cloudy	13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	68.6	170.3	260.0	<5	N			
																<b>Average</b>	85.5						
																<b>Min</b>	55.4						
																<b>Max</b>	141.7						

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  
 The electricity supply of HVS at AM1(SR77) was suspended from 16 May 2019 and was no longer available. In order to have a more secure electricity supply, an alternative Handheld TSP meter was proposed to use for the temporary monitoring of 24-hr & 1hr air quality from 22 May 2019.

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



### 24-Hour TSP Monitoring Result at Station: SR77 (January 2020 - April 2020)



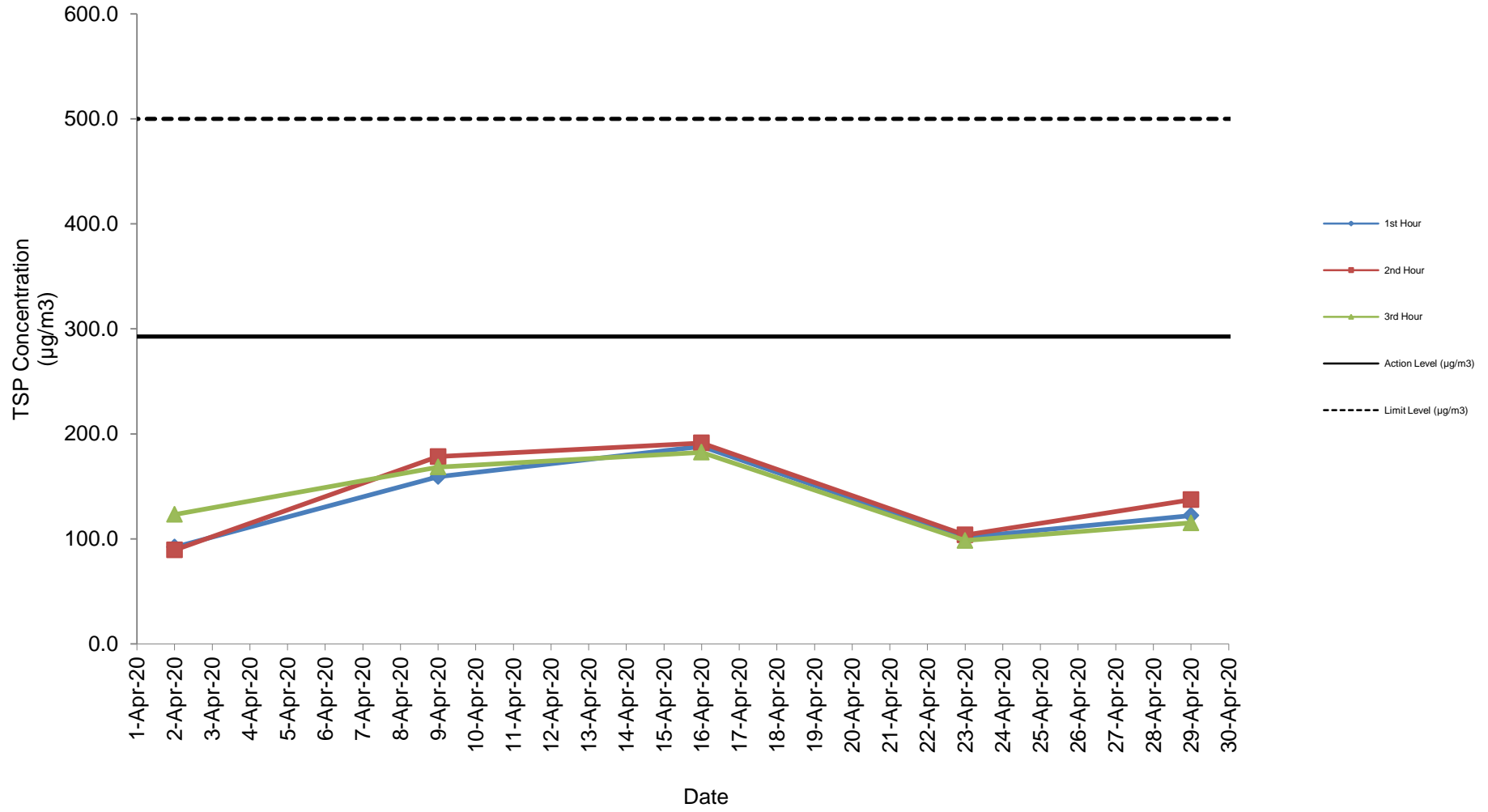
**Appendix E**  
**Air Quality Monitoring Results and their Graphical Presentation**

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

Date	Weather Condition	Time	Conc.(µg/m <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		
2-Apr-20	Cloudy	10:15 - 13:30	92.1	89.4	123.2	292.7	500.0
9-Apr-20	Fine	10:30 - 13:30	159.2	178.3	168.3	292.7	500.0
16-Apr-20	Sunny	10:00 - 13:00	188.1	191.3	182.4	292.7	500.0
23-Apr-20	Cloudy	10:30 - 13:30	101.4	103.7	98.4	292.7	500.0
29-Apr-20	Cloudy	10:00 - 13:30	122.3	137.3	115.2	292.7	500.0
					<b>Average</b>	136.7	
					<b>Min</b>	89.4	
					<b>Max</b>	191.3	

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 (January 2020 - April 2020)

