

# **Appendix F**

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

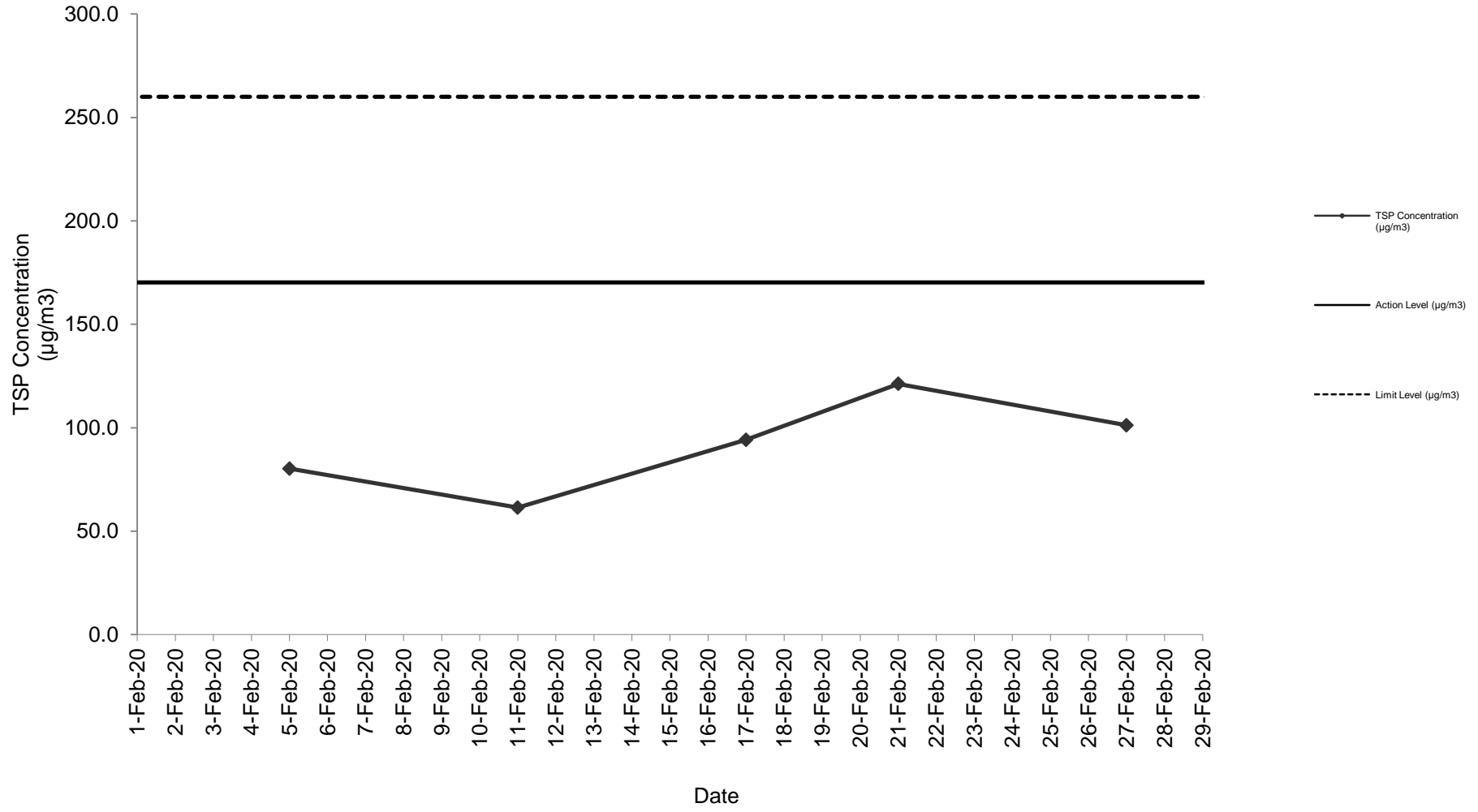
Appendix F  
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

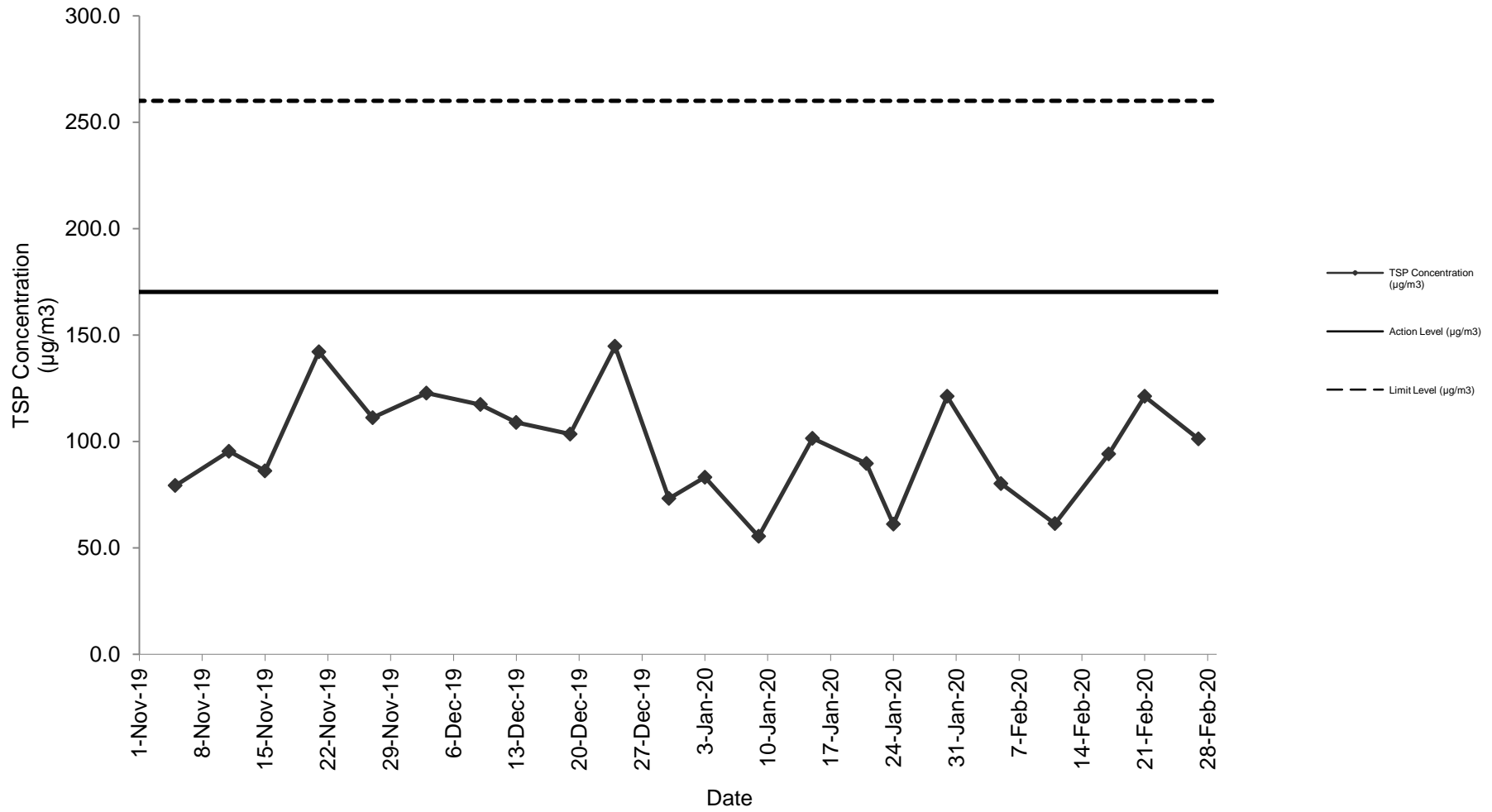
Sampling Date	Weather Condition	Starting Time	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m <sup>3</sup> /min)			Total Volume (m <sup>3</sup> )	TSP Concentration (µg/m <sup>3</sup> )	Action Level (µg/m <sup>3</sup> )	Limit Level (µg/m <sup>3</sup> )	Wind speed m/s	Wind direction	NOE	IR
				Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate								
5-Feb-20	Cloudy	10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	80.2	170.3	260.0	<5	N			
11-Feb-20	Cloudy	10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	61.4	170.3	260.0	<5	N			
17-Feb-20	Fine	10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	94.1	170.3	260.0	<5	N			
21-Feb-20	Fine	10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	121.2	170.3	260.0	<5	N			
27-Feb-20	Fine	10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	101.2	170.3	260.0	<5	N			
																<b>Average</b>	91.6						
																<b>Min</b>	61.4						
																<b>Max</b>	121.2						

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 (November 2019 - February 2020)



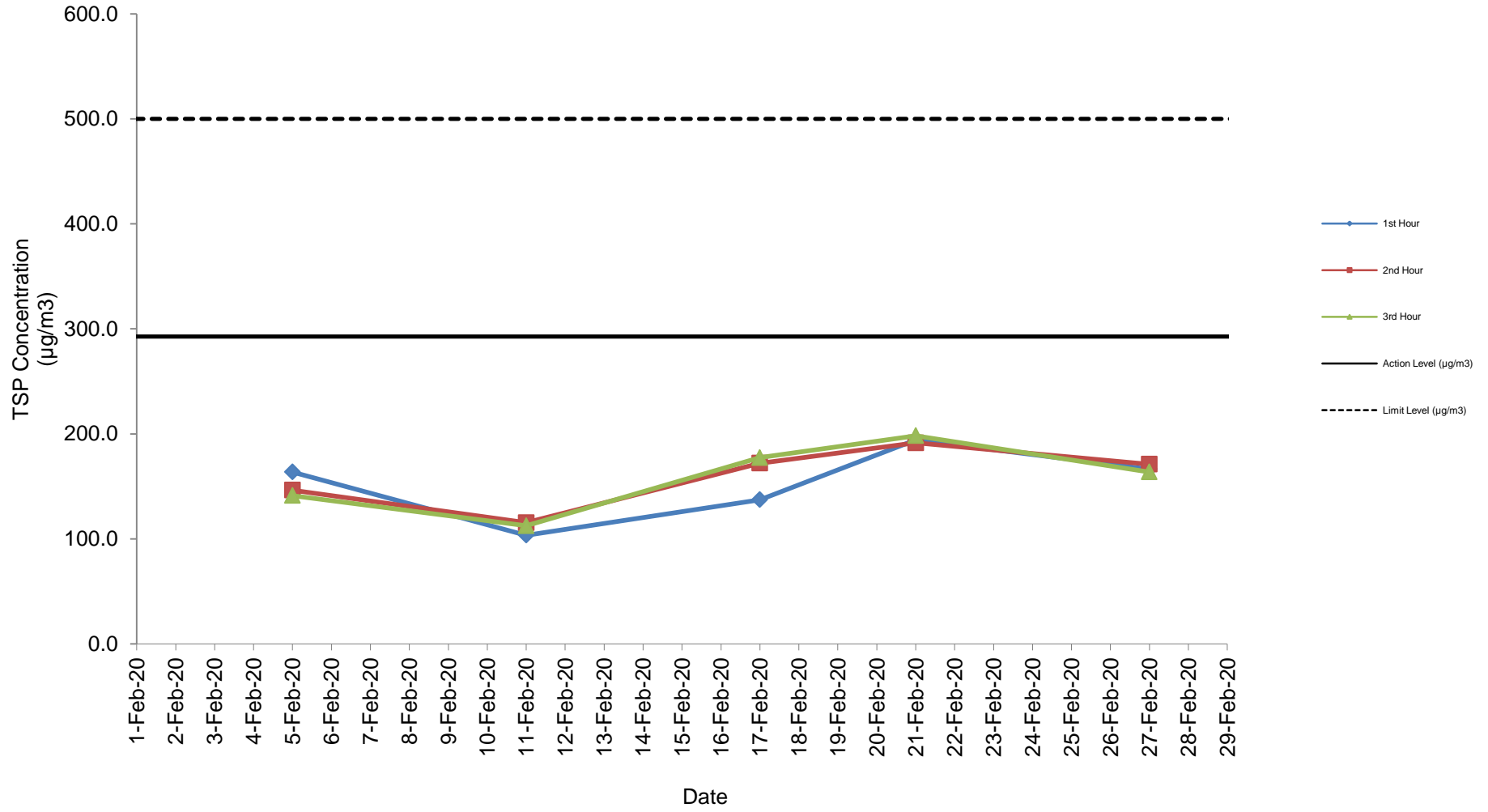
**Appendix E**  
**Air Quality Monitoring Results and their Graphical Presentation**

**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		
5-Feb-20	Cloudy	10:30 - 13:30	163.7	146.4	141.3	292.7	500.0
11-Feb-20	Cloudy	10:30 - 13:30	103.4	115.4	112.4	292.7	500.0
17-Feb-20	Fine	10:00 - 13:00	137.3	172.1	177.4	292.7	500.0
21-Feb-20	Fine	10:30 - 13:30	194.2	191.5	198.2	292.7	500.0
27-Feb-20	Fine	10:30 - 13:30	166.4	171.1	163.7	292.7	500.0
					<b>Average</b>	157.0	
					<b>Min</b>	103.4	
					<b>Max</b>	198.2	

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 (November 2020 - February 2020)

