

Appendix F

Air Quality Monitoring Results and their Graphical Presentation

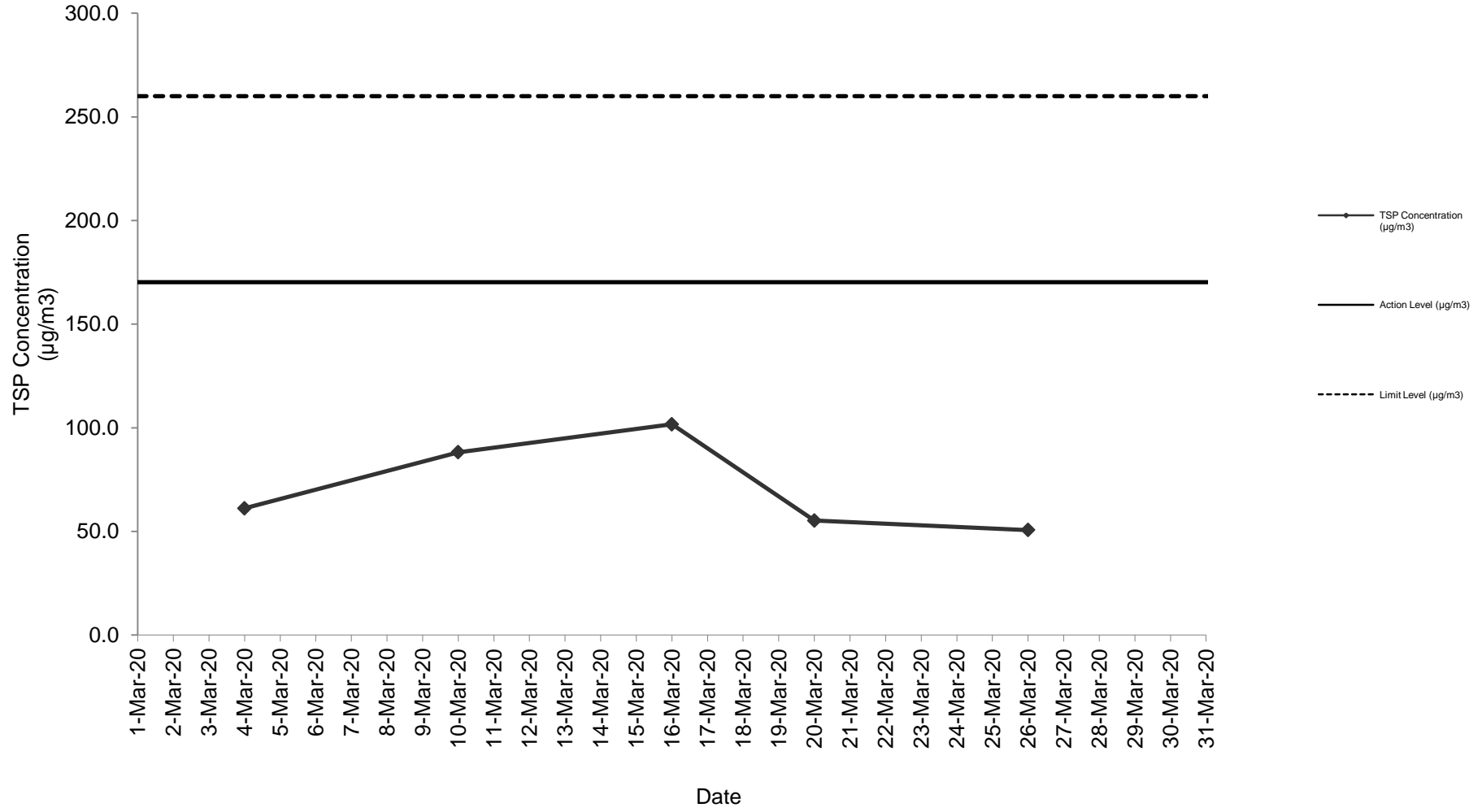
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

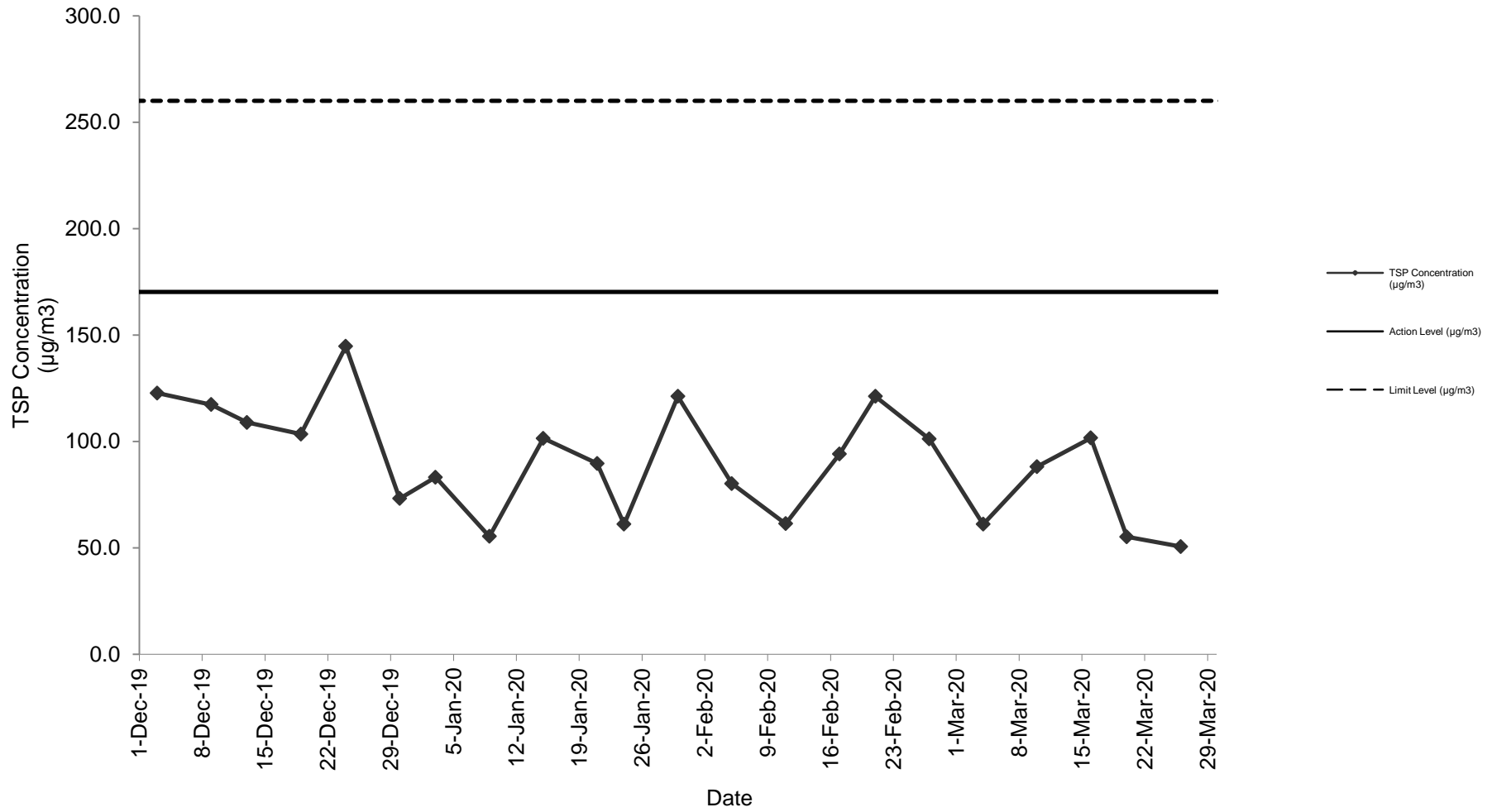
Sampling Date	Weather Condition	Starting Time	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m ³ /min)			Total Volume (m ³)	TSP Concentration (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	Wind speed m/s	Wind direction	NOE	IR
				Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate								
4-Mar-20	Cloudy	13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	61.1	170.3	260.0	<5	N			
10-Mar-20	Sunny	13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	88.2	170.3	260.0	<5	N			
16-Mar-20	Sunny	13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	101.7	170.3	260.0	<5	N			
20-Mar-20	Fine	13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	55.2	170.3	260.0	<5	N			
26-Mar-20	Cloudy	13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	50.6	170.3	260.0	<5	N			
																Average	71.4						
																Min	50.6						
																Max	101.7						

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 (December 2019 - March 2020)



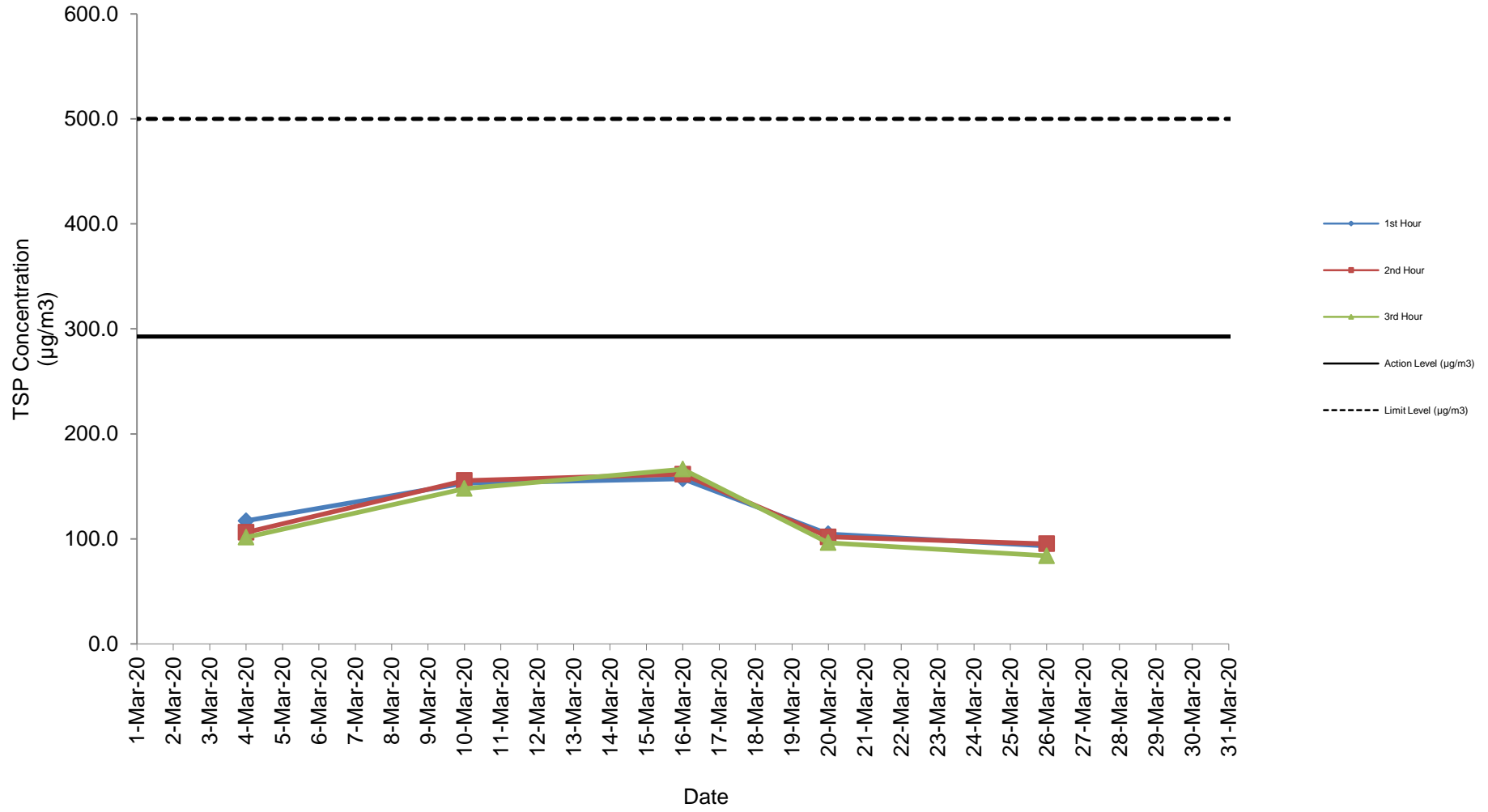
Appendix E
Air Quality Monitoring Results and their Graphical Presentation

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 st Hour	2 nd Hour	3 rd Hour		
4-Mar-20	Cloudy	10:00 - 13:30	117.2	106.2	101.4	292.7	500.0
10-Mar-20	Sunny	10:30 - 13:30	153.0	155.5	147.9	292.7	500.0
16-Mar-20	Sunny	10:30 - 13:00	157.1	161.5	166.4	292.7	500.0
20-Mar-20	Fine	10:00 - 13:30	104.7	101.8	96.4	292.7	500.0
26-Mar-20	Cloudy	10:45 - 13:30	93.3	95.3	83.9	292.7	500.0
					Average	122.8	
					Min	83.9	
					Max	166.4	

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 (December 2019 - March 2020)

