

Appendix F

Air Quality Monitoring Results and their Graphical Presentation

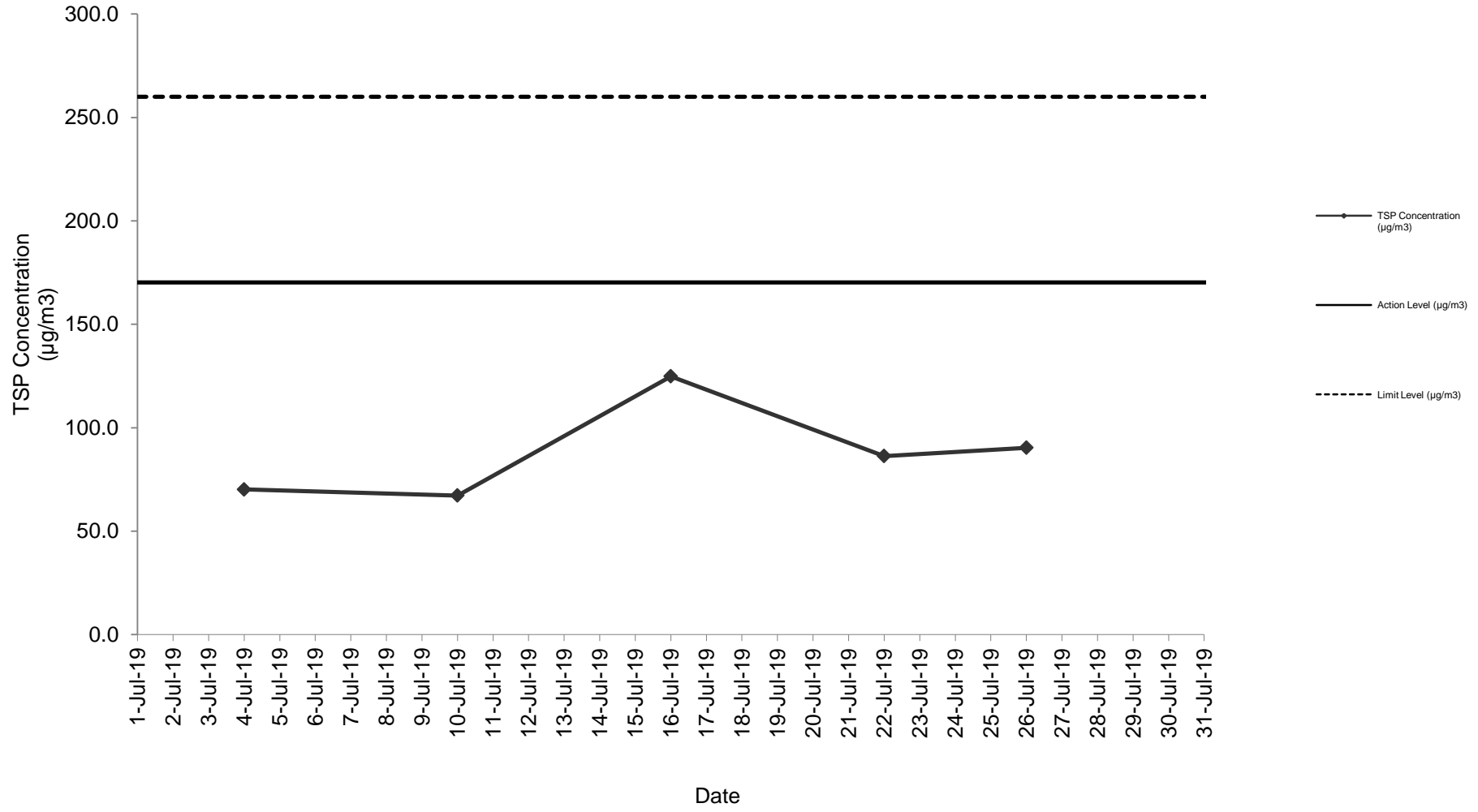
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

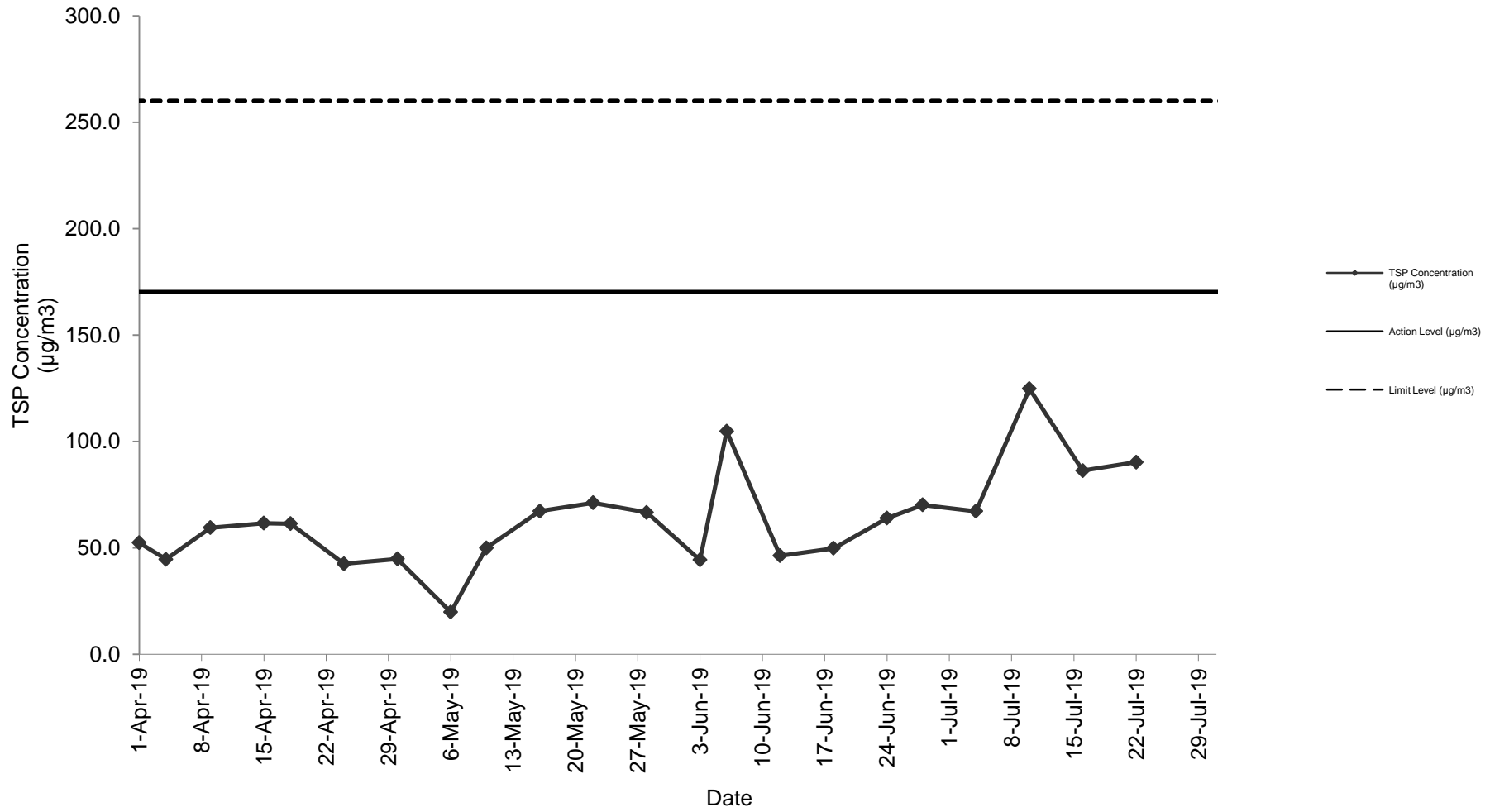
Sampling Date	Weather Condition	Starting Time	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m ³ /min)			Total Volume (m ³)	TSP Concentration (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	Wind speed m/s	Wind direction	NOE	IR
				Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate								
4-Jul-19	Fine	13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	70.2	170.3	260.0	<5	N			
10-Jul-19	Cloudy	12:00	-	-	-	-	-	-	-	-	-	-	-	-	-	67.2	170.3	260.0	<5	N			
16-Jul-19	Fine	12:00	-	-	-	-	-	-	-	-	-	-	-	-	-	124.8	170.3	260.0	<5	N			
22-Jul-19	Fine	12:00	-	-	-	-	-	-	-	-	-	-	-	-	-	86.3	170.3	260.0	<5	N			
26-Jul-19	Fine	12:00	-	-	-	-	-	-	-	-	-	-	-	-	-	90.3	170.3	260.0	<5	N			
																Average	87.8						
																Min	67.2						
																Max	124.8						

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 (April 2019 - July 2019)



Appendix E

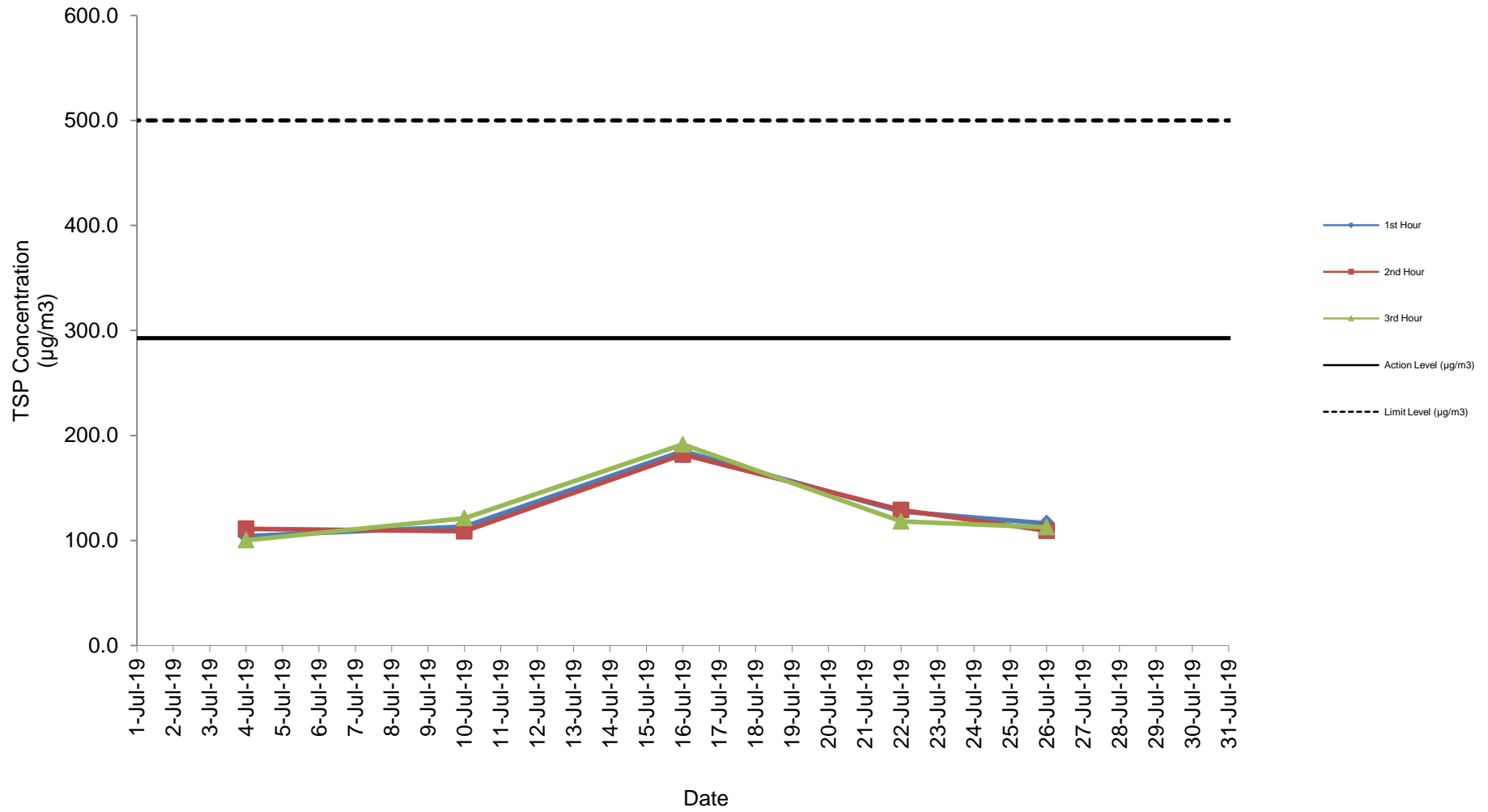
Air Quality Monitoring Results and their Graphical Presentation

1-Hour TSP Monitoring Result at Station: SR77

Date	Weather Condition	Time	Conc.(µg/m ³)			Action Level (µg/m ³)	Limit Level (µg/m ³)
			1 st Hour	2 nd Hour	3 rd Hour		
4-Jul-19	Cloudy	9:45 - 11:45	104.1	111.1	100.3	292.7	500.0
10-Jul-19	Fine	9:00 - 11:00	113.2	108.8	121.2	292.7	500.0
16-Jul-19	Cloudy	9:00 - 11:00	185.1	181.8	191.4	292.7	500.0
22-Jul-19	Cloudy	9:00 - 11:00	127.5	129.0	118.2	292.7	500.0
26-Jul-19	Cloudy	9:00 - 11:00	116.2	109.3	112.6	292.7	500.0
					Average	128.7	
					Min	100.3	
					Max	191.4	

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
 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.

1-Hour TSP Monitoring Result at station: SR77



1-Hour TSP Monitoring Result at station: SR77 (April 2019 - July 2019)

