

Appendix F

Air Quality Monitoring Results and their Graphical Presentation

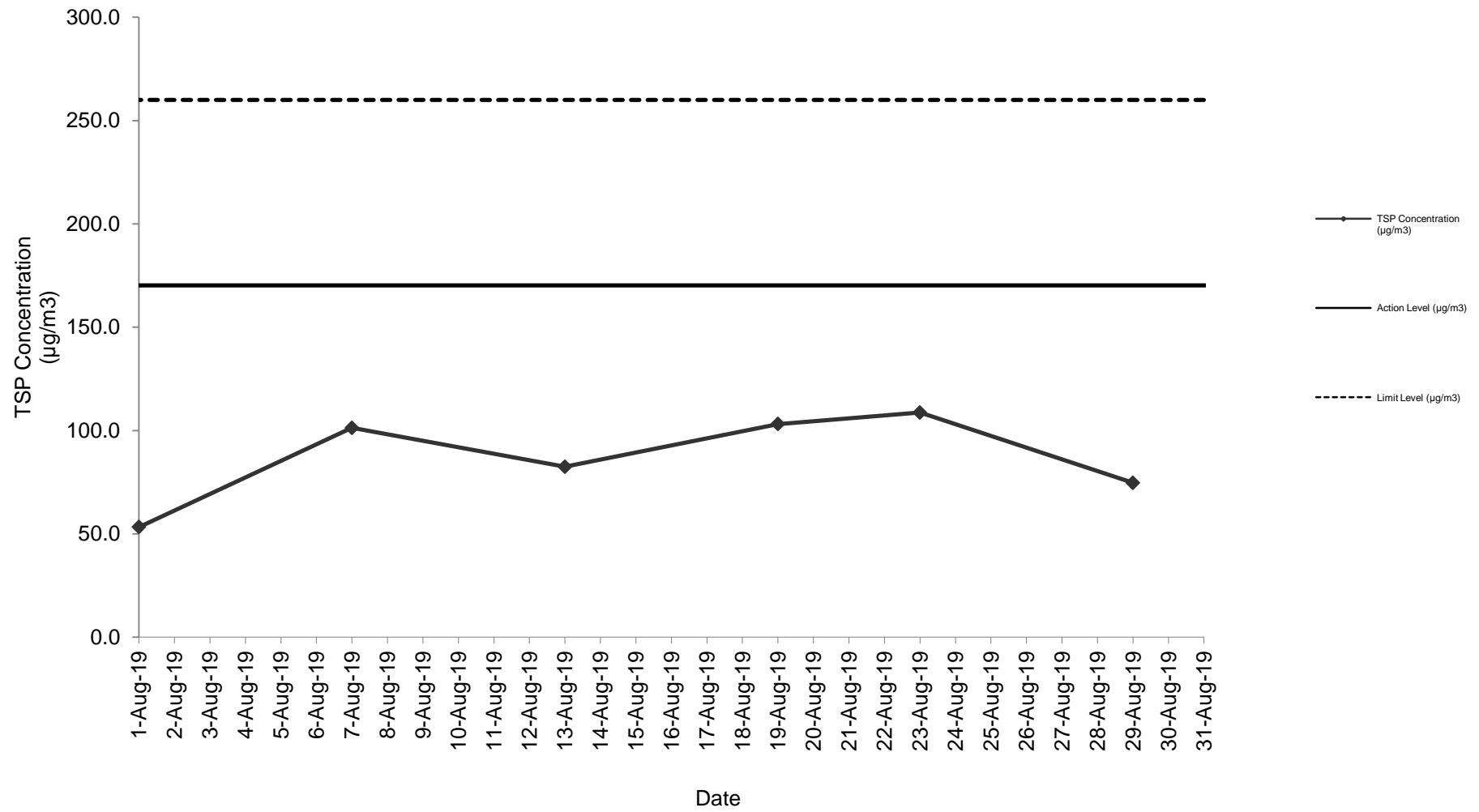
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

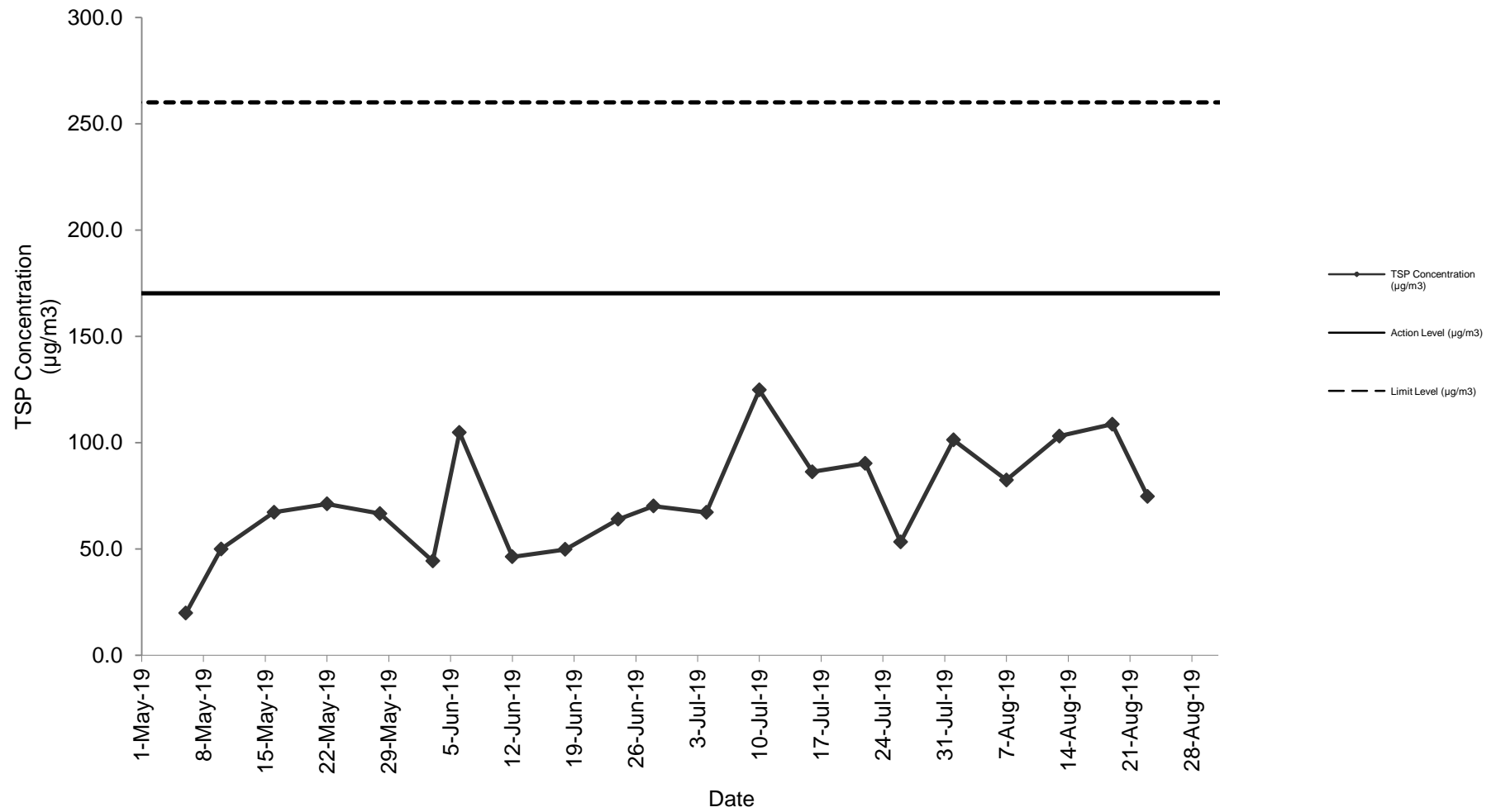
Sampling Date	Weather Condition	Starting Time	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m³/min)			Total Volume (m³)	TSP Concentration (µg/m³)	Action Level (µg/m3)	Limit Level (µg/m3)	Wind speed m/s	Wind direction	NOE	IR
				Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate								
1-Aug-19	Cloudy	12:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.3	170.3	260.0	<5	N		
7-Aug-19	Fine	12:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	101.3	170.3	260.0	<5	N		
13-Aug-19	Fine	12:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82.5	170.3	260.0	<5	N		
19-Aug-19	Fine	11:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	103.1	170.3	260.0	<5	N		
23-Aug-19	Fine	13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	108.7	170.3	260.0	<5	N		
29-Aug-19	Cloudy	14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74.7	170.3	260.0	<5	N		
Average																	89.8						
Min																	53.3						
Max																	108.7						

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
(May 2019 - August 2019)**



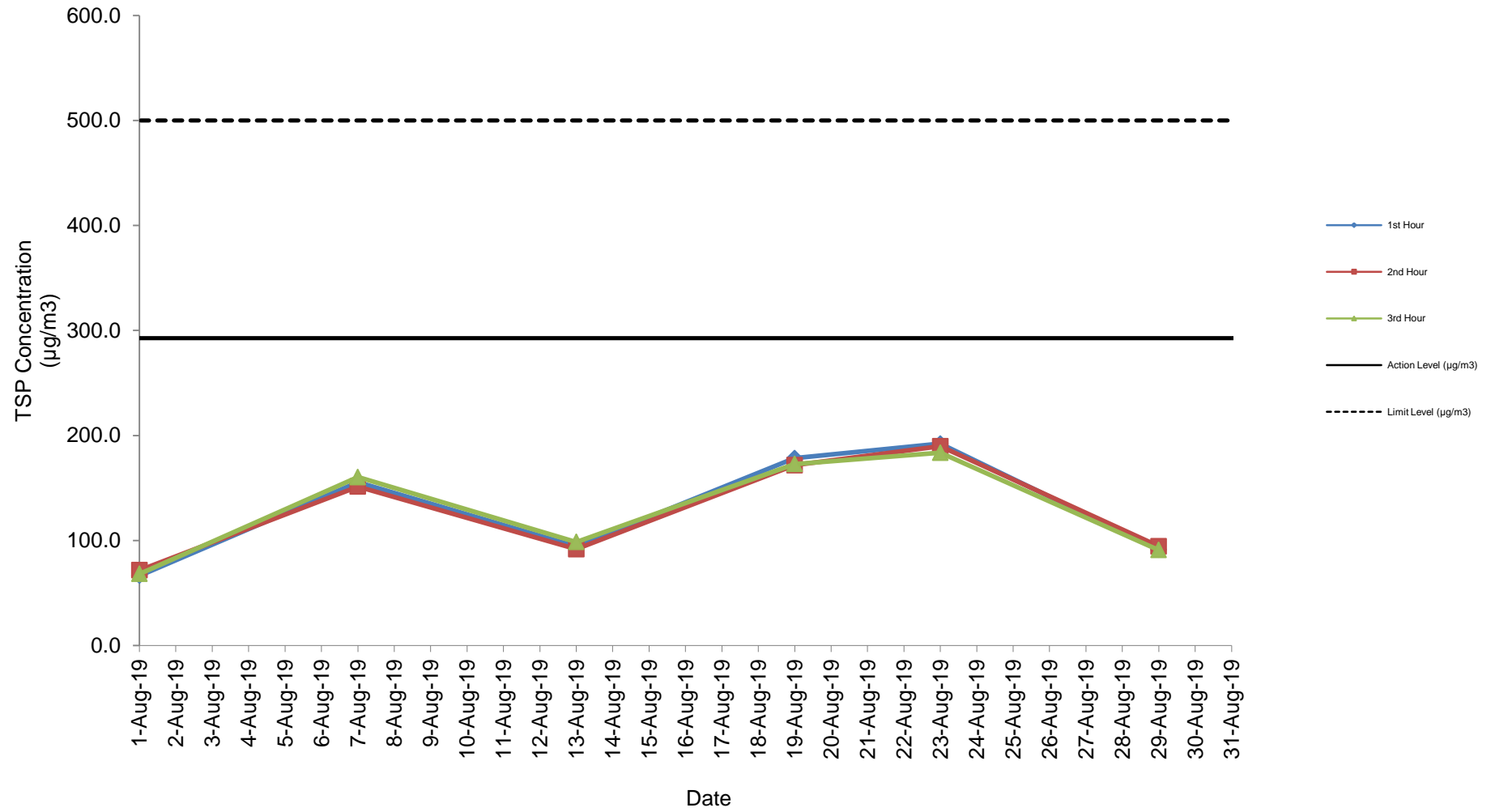
Appendix E
Air Quality Monitoring Results and their Graphical Presentation

1-Hour TSP Monitoring Result at Station: SR77

Date	Weather Condition	Time	Conc.(µg/m ³)			Action Level (µg/m3)	Limit Level (µg/m3)
			1 st Hour	2 nd Hour	3 rd Hour		
1-Aug-19	Cloudy	9:30 - 12:30	66.4	71.7	68.2	292.7	500.0
7-Aug-19	Fine	9:30 - 12:30	155.4	151.3	160.4	292.7	500.0
13-Aug-19	Fine	9:30 - 12:30	94.2	91.7	98.6	292.7	500.0
19-Aug-19	Fine	8:30 - 11:30	178.4	171.7	172.8	292.7	500.0
23-Aug-19	Fine	9:30 - 12:30	192.2	189.7	183.5	292.7	500.0
29-Aug-19	Cloudy	9:30 - 12:30	91.3	94.5	90.9	292.7	500.0
			Average		129.0		
			Min		66.4		
			Max		192.2		

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.

1-Hour TSP Monitoring Result at station: SR77



**1-Hour TSP Monitoring Result at station: SR77
(May 2019 - August 2019)**

