

Appendix F

Air Quality Monitoring Results and their Graphical Presentation

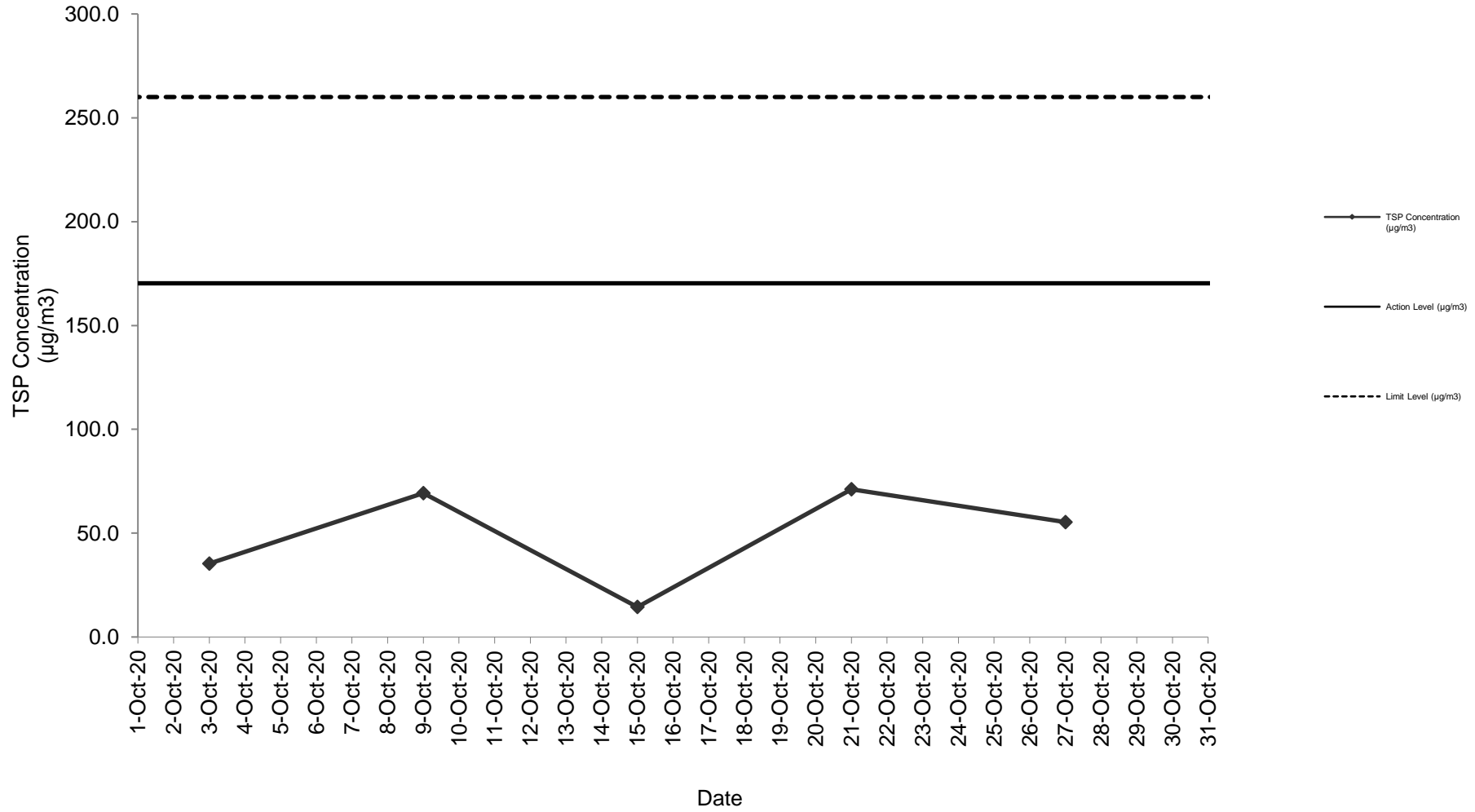
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

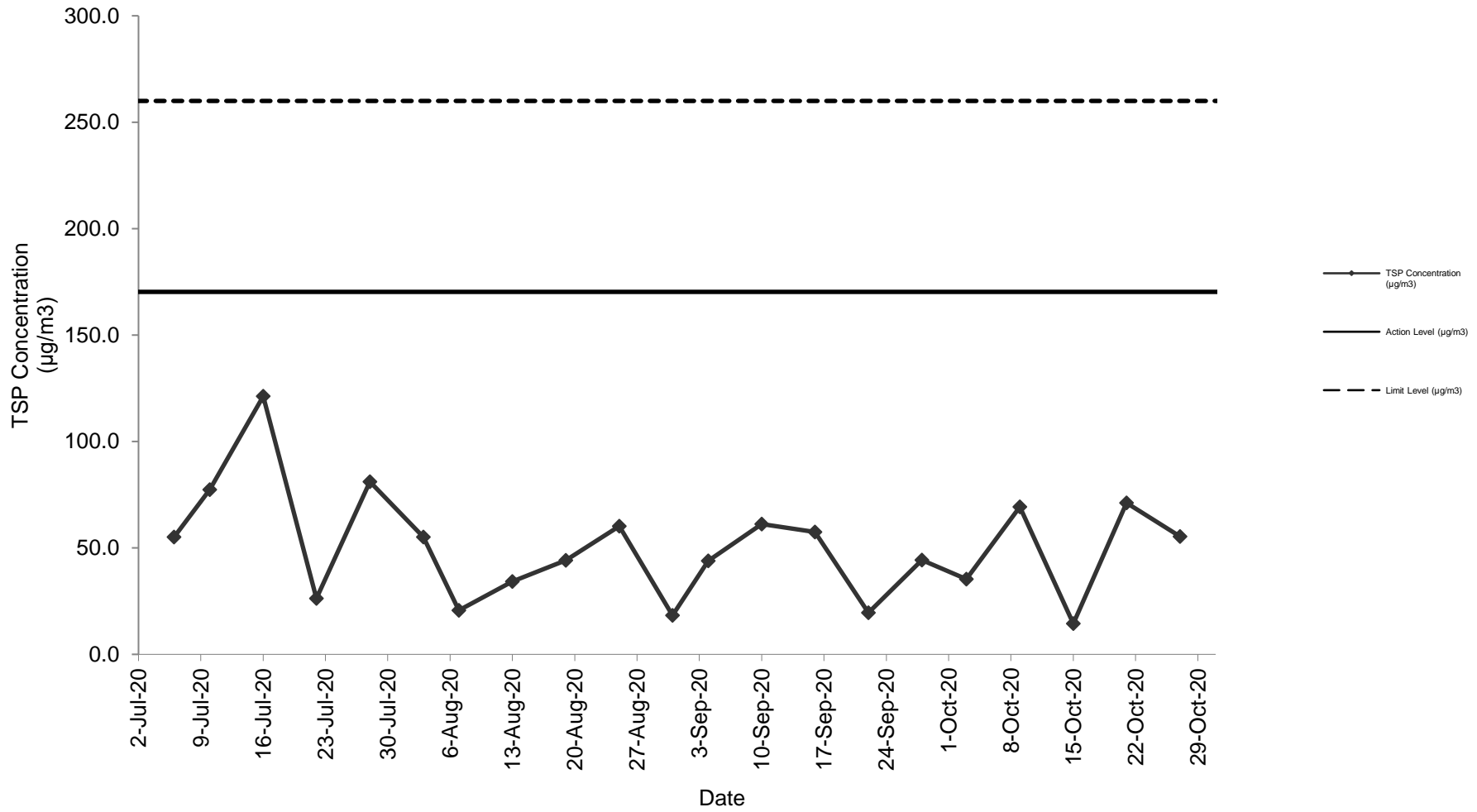
Sampling Date	Weather Condition	Starting Time	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m ³ /min)			Total Volume (m ³)	TSP Concentration (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	Wind speed m/s	Wind direction	NOE	IR
				Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate								
3-Oct-20	Cloudy	13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	35.3	170.3	260.0	<5	N			
9-Oct-20	Sunny	13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	69.3	170.3	260.0	<5	N			
15-Oct-20	Sunny	13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	14.4	170.3	260.0	<5	N			
21-Oct-20	Sunny	13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	71.1	170.3	260.0	<5	N			
27-Oct-20	Sunny	13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	55.3	170.3	260.0	<5	N			
																Average	49.1						
																Min	14.4						
																Max	71.1						

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 (July 2020 - October 2020)



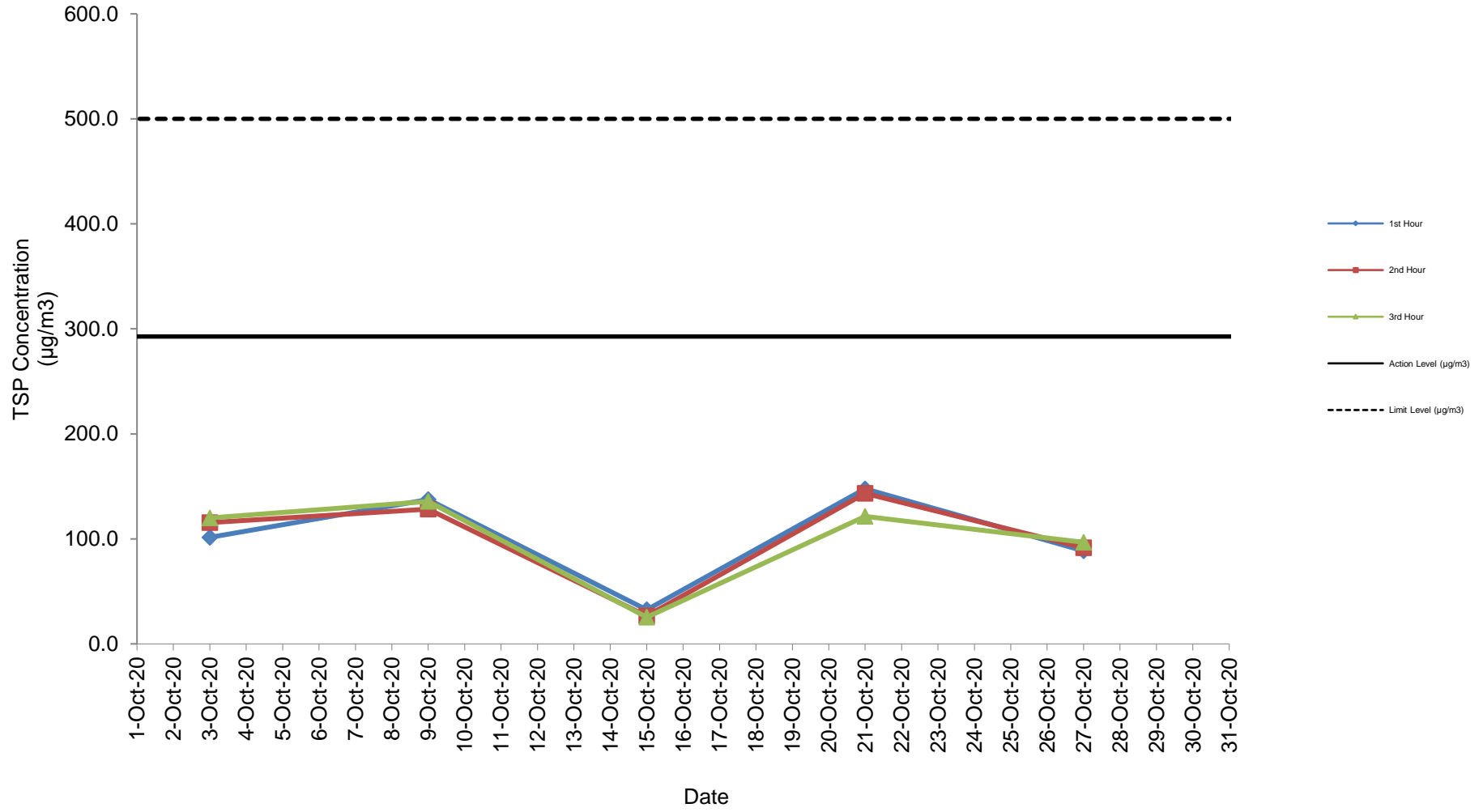
Appendix E
Air Quality Monitoring Results and their Graphical Presentation

1-Hour TSP Monitoring Result at Station: SR77

Date	Weather Condition	Time		Conc.(µg/m ³)			Action Level (µg/m3)	Limit Level (µg/m3)	
				1 st Hour	2 nd Hour	3 rd Hour			
3-Oct-20	Cloudy	10:15	-	13:15	101.3	115.6	119.9	292.7	500.0
9-Oct-20	Sunny	10:45	-	13:45	137.5	128.3	135.7	292.7	500.0
15-Oct-20	Sunny	10:00	-	13:00	32.5	26.6	25.4	292.7	500.0
21-Oct-20	Sunny	10:30	-	13:30	147.7	143.3	121.4	292.7	500.0
27-Oct-20	Sunny	10:00	-	13:00	88.6	91.6	96.6	292.7	500.0
				Average	100.8				
				Min	25.4				
				Max	147.7				

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

1-Hour TSP Monitoring Result at station: SR77



1-Hour TSP Monitoring Result at station: SR77 (July 2020 - October 2020)

