

Appendix F

Air Quality Monitoring Results and their Graphical Presentation

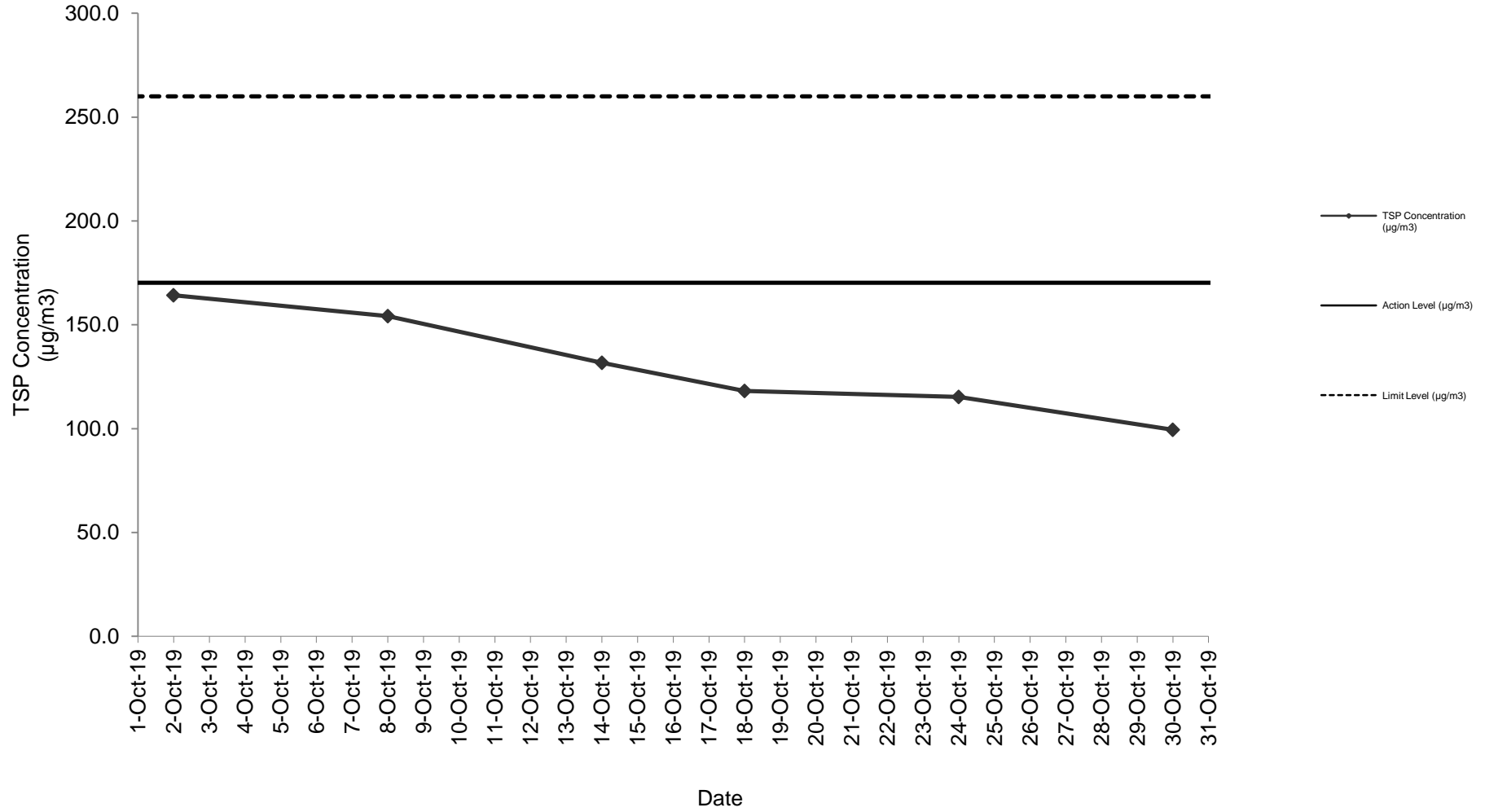
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

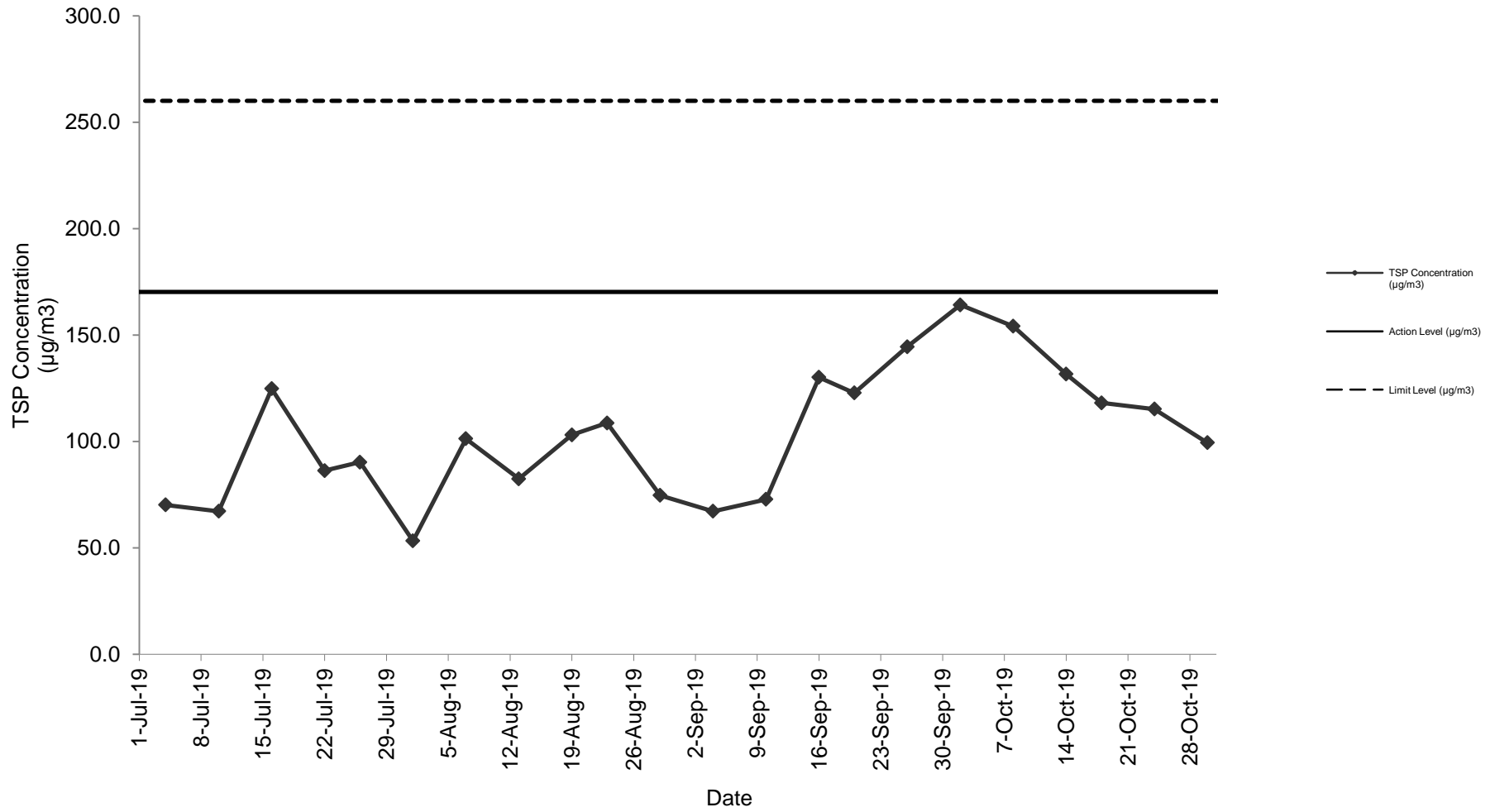
Sampling Date	Weather Condition	Starting Time	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m ³ /min)			Total Volume (m ³)	TSP Concentration (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	Wind speed m/s	Wind direction	NOE	IR	
				Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate									
2-Oct-19	Fine	12:00	-	-	-	-	-	-	-	-	-	-	-	-	-	164.2	170.3	260.0	<5	N				
8-Oct-19	Fine	12:30	-	-	-	-	-	-	-	-	-	-	-	-	-	154.1	170.3	260.0	<5	N				
14-Oct-19	Cloudy	12:30	-	-	-	-	-	-	-	-	-	-	-	-	-	131.6	170.3	260.0	<5	N				
18-Oct-19	Cloudy	12:00	-	-	-	-	-	-	-	-	-	-	-	-	-	118.1	170.3	260.0	<5	N				
24-Oct-19	Fine	12:30	-	-	-	-	-	-	-	-	-	-	-	-	-	115.2	170.3	260.0	<5	N				
30-Oct-19	Fine	12:30	-	-	-	-	-	-	-	-	-	-	-	-	-	99.4	170.3	260.0	<5	N				
																Average	130.5							
																Min	99.4							
																Max	164.2							

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 (July 2019 - October 2019)



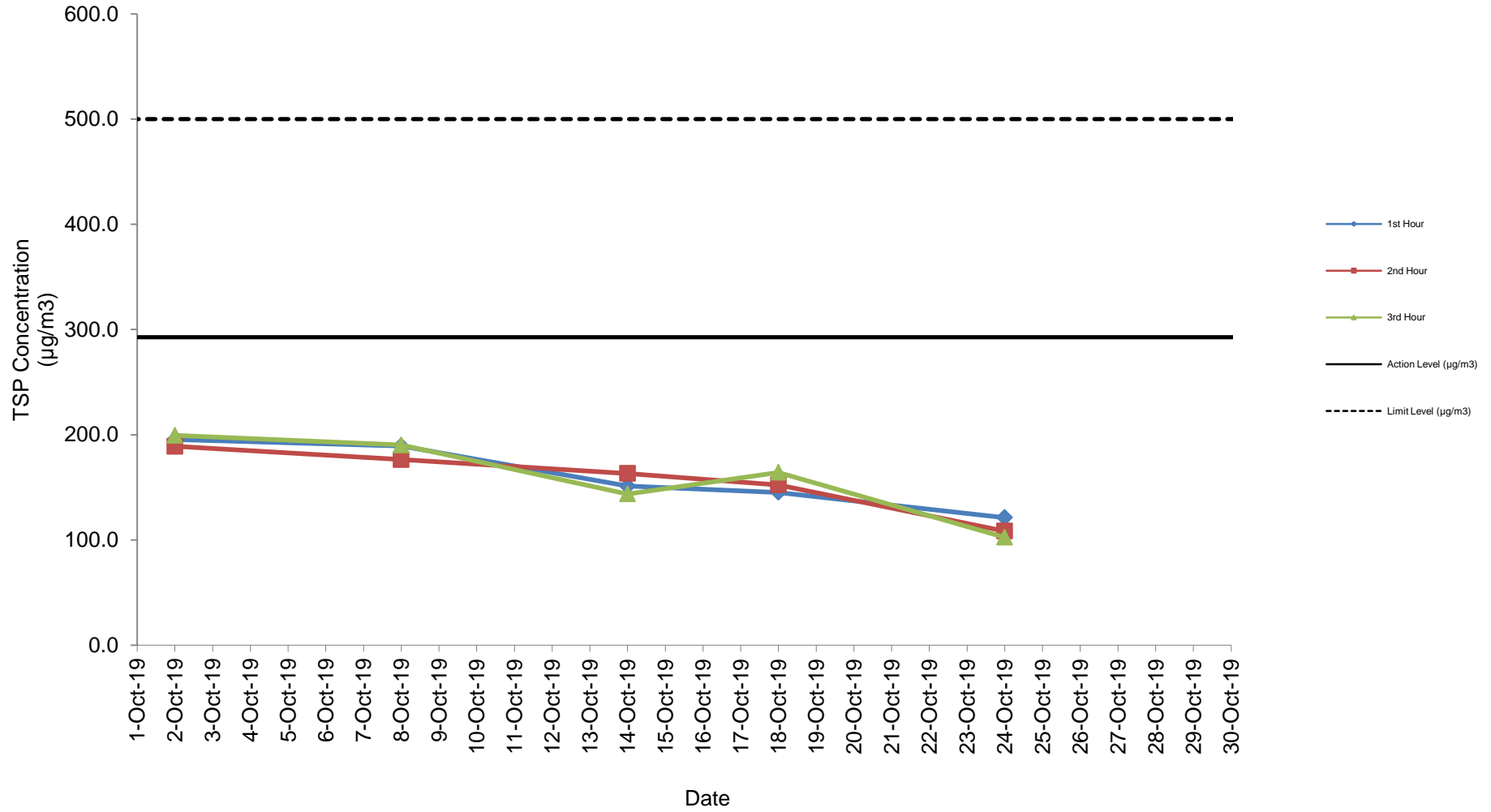
Appendix E
Air Quality Monitoring Results and their Graphical Presentation

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		
2-Oct-19	Fine	9:00 - 12:00	195.4	189.0	199.4	292.7	500.0
8-Oct-19	Fine	9:30 - 12:30	189.2	176.4	190.2	292.7	500.0
14-Oct-19	Cloudy	9:30 - 12:30	151.2	163.1	143.7	292.7	500.0
18-Oct-19	Cloudy	9:00 - 12:00	145.1	152.3	164.2	292.7	500.0
24-Oct-19	Fine	9:30 - 12:00	121.3	108.4	102.5	292.7	500.0
30-Oct-19	Fine	9:30 - 12:30	118.5	121.4	109.7	292.7	500.0
					Average	152.3	
					Min	102.5	
					Max	199.4	

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 (July 2019 - October 2019)

