

Appendix F

Air Quality Monitoring Results and their Graphical Presentation

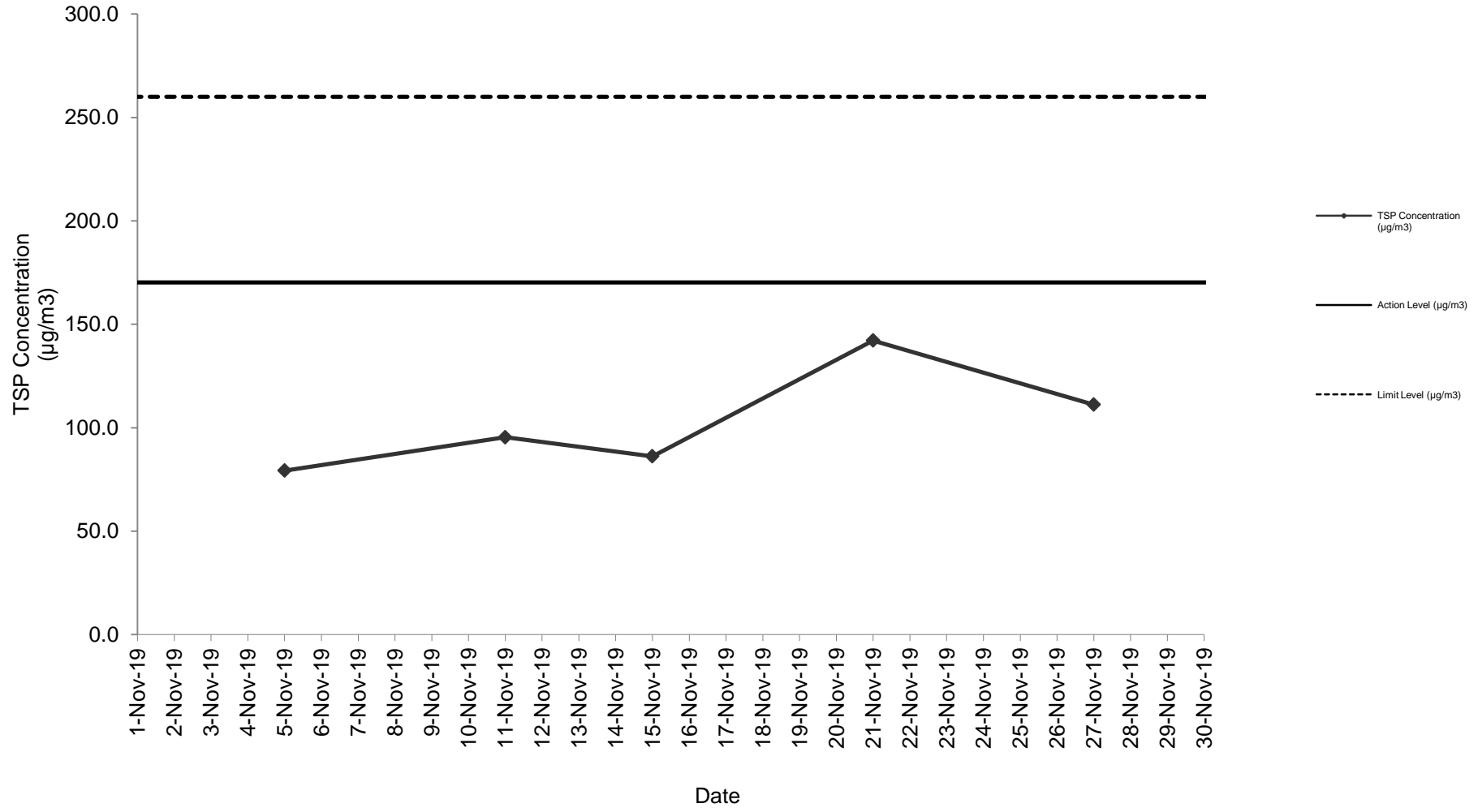
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

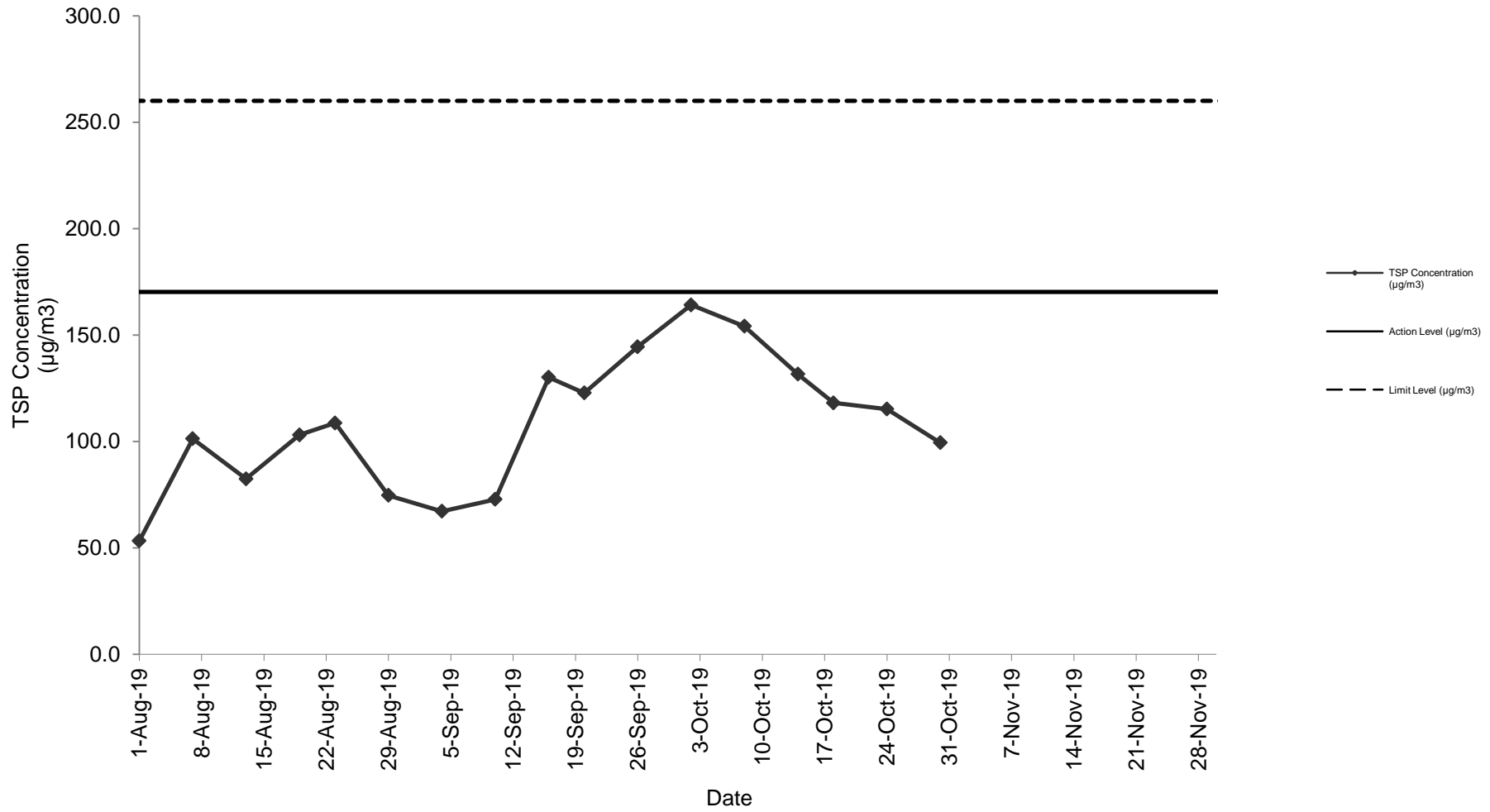
Sampling Date	Weather Condition	Starting Time	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m ³ /min)			Total Volume (m ³)	TSP Concentration (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	Wind speed m/s	Wind direction	NOE	IR
				Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate								
5-Nov-19	Sunny	12:30	-	-	-	-	-	-	-	-	-	-	-	-	-	79.3	170.3	260.0	<5	N			
11-Nov-19	Sunny	13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	95.4	170.3	260.0	<5	N			
15-Nov-19	Sunny	13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	86.2	170.3	260.0	<5	N			
21-Nov-19	Sunny	12:30	-	-	-	-	-	-	-	-	-	-	-	-	-	142.1	170.3	260.0	<5	N			
27-Nov-19	Sunny	13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	111.2	170.3	260.0	<5	N			
																Average	102.8						
																Min	79.3						
																Max	142.1						

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 (August 2019 - November 2019)



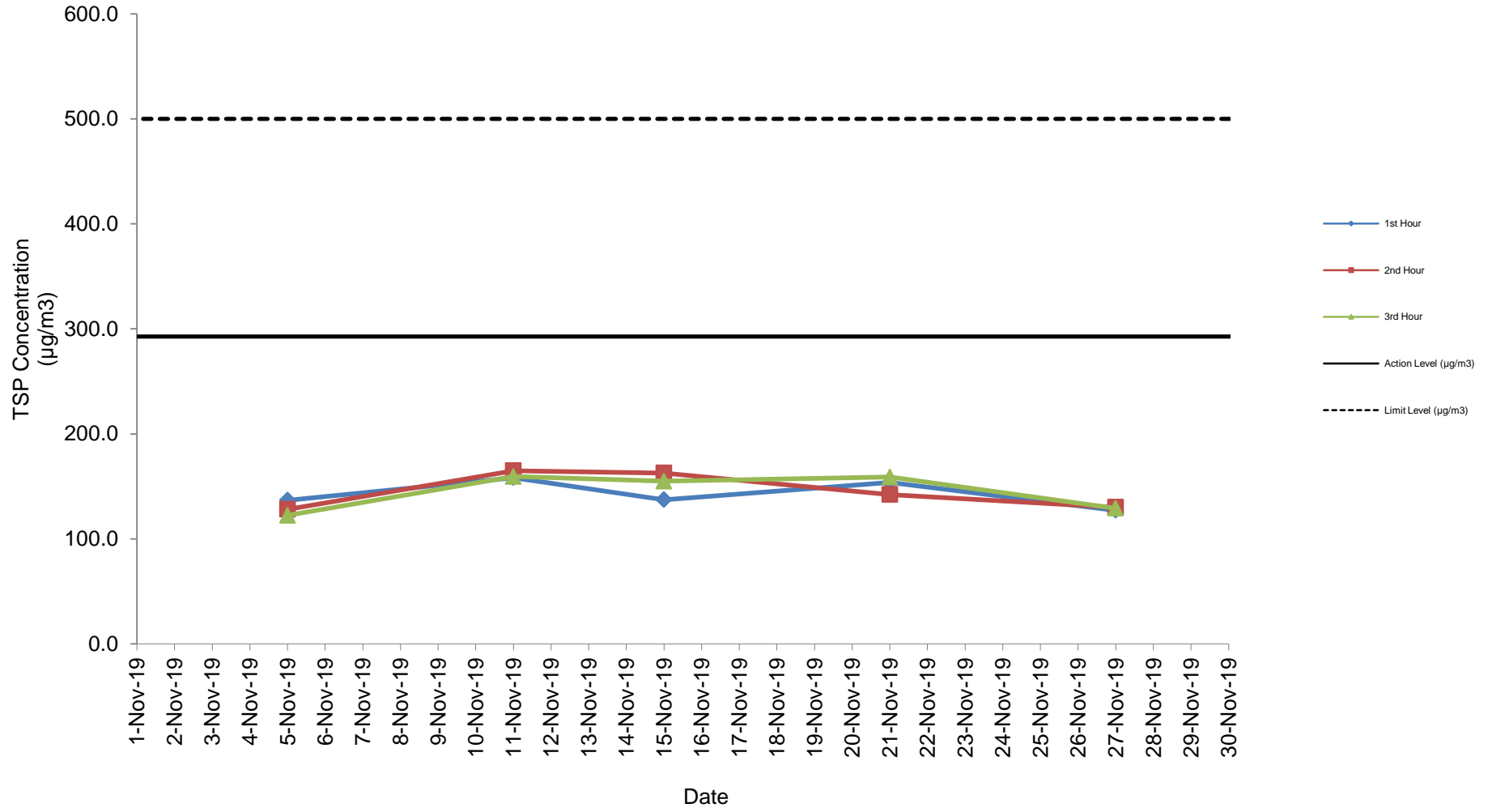
Appendix E
Air Quality Monitoring Results and their Graphical Presentation

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		
5-Nov-19	Sunny	9:30 - 12:30	136.8	128.2	122.4	292.7	500.0
11-Nov-19	Sunny	10:30 - 13:30	158.3	164.9	159.4	292.7	500.0
15-Nov-19	Sunny	11:00 - 13:00	137.2	162.7	154.9	292.7	500.0
21-Nov-19	Sunny	9:30 - 12:30	153.7	142.2	158.9	292.7	500.0
27-Nov-19	Sunny	10:30 - 13:30	127.1	130.2	129.1	292.7	500.0
					Average	144.4	
					Min	122.4	
					Max	164.9	

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 (August 2019 - November 2019)

