

Appendix F

Air Quality Monitoring Results and their Graphical Presentation

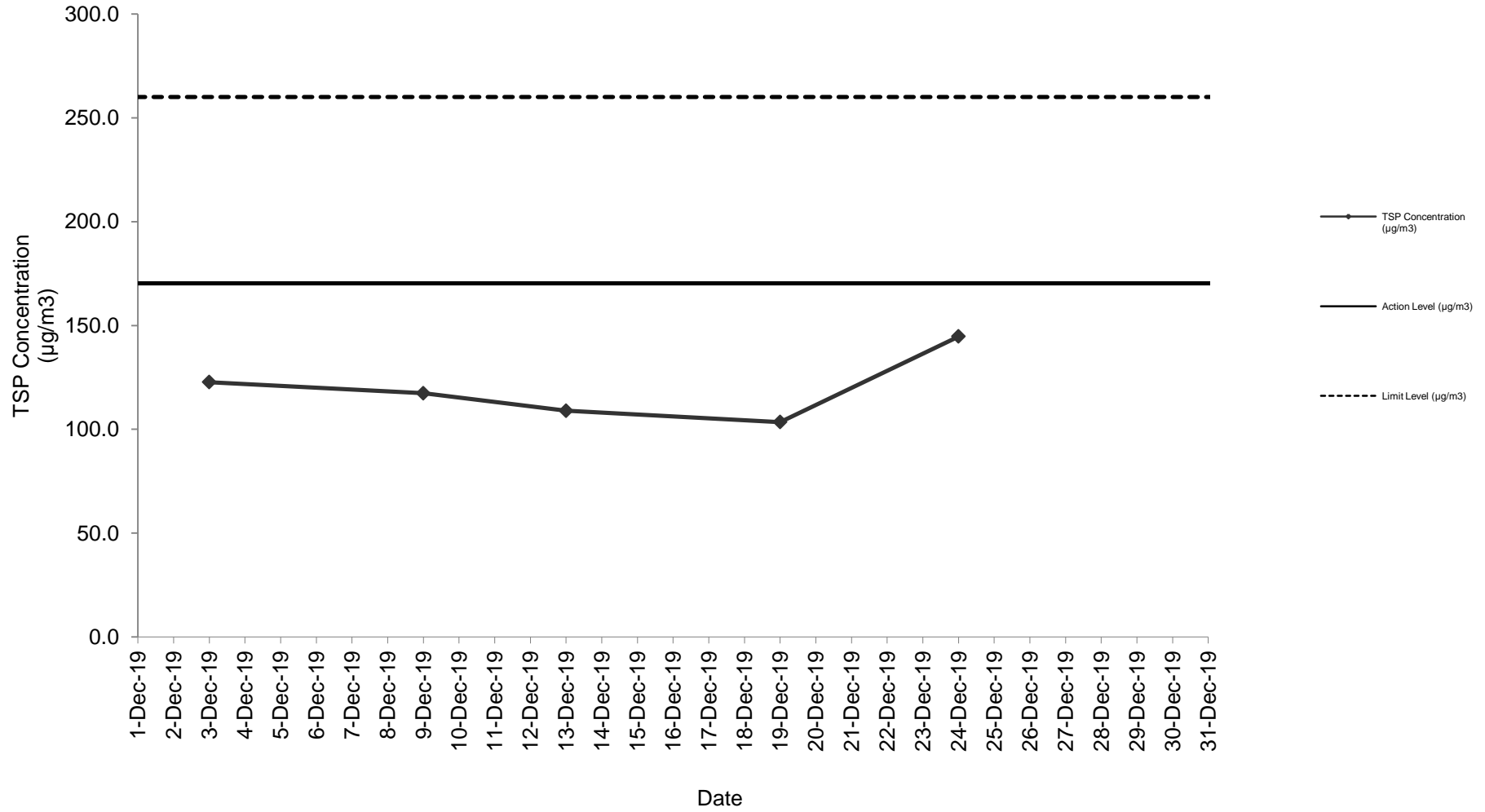
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

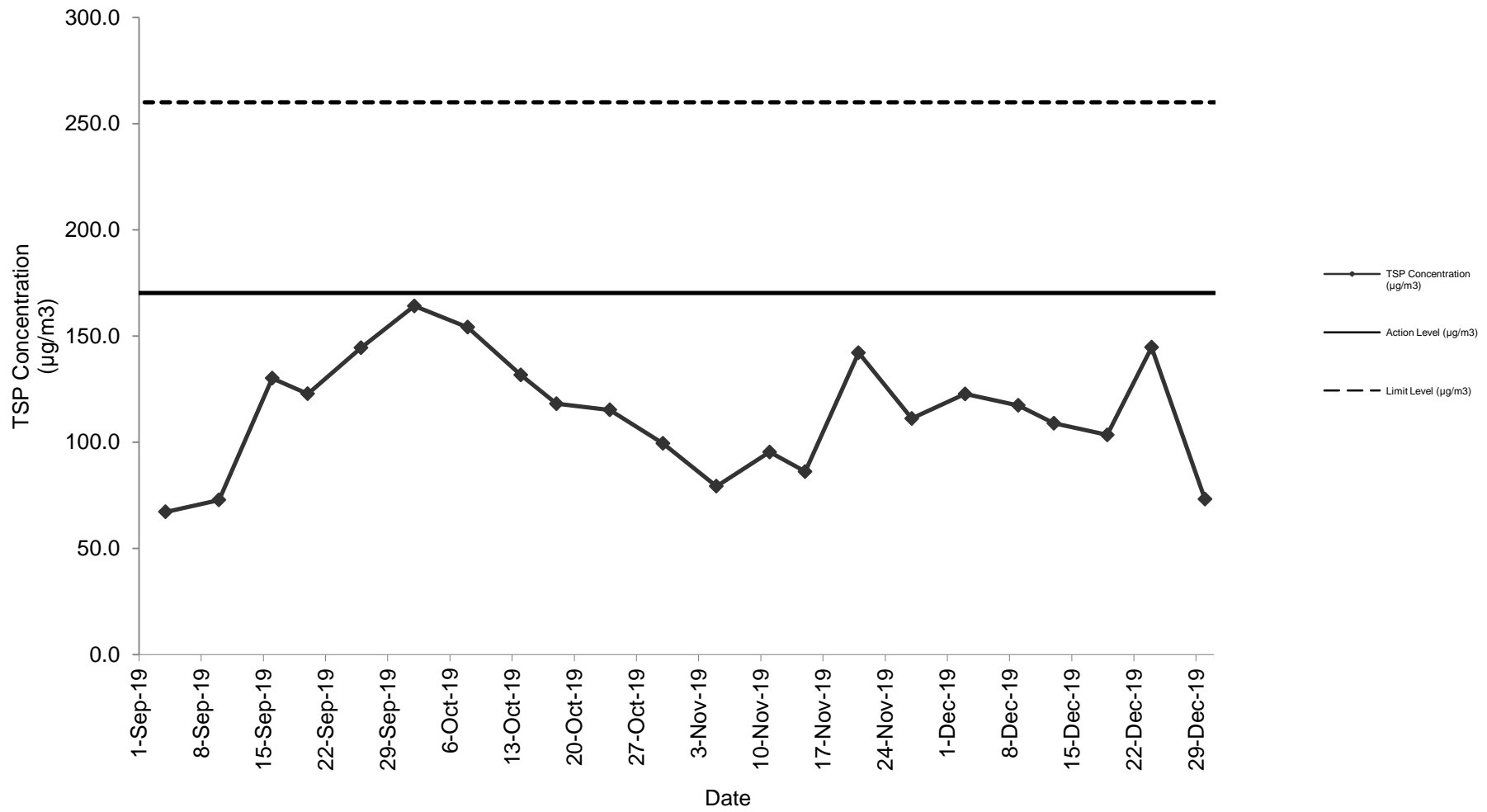
Sampling Date	Weather Condition	Starting Time	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m ³ /min)			Total Volume (m ³)	TSP Concentration (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	Wind speed m/s	Wind direction	NOE	IR
				Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate								
3-Dec-19	Sunny	13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	122.7	170.3	260.0	<5	N			
9-Dec-19	Sunny	13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	117.3	170.3	260.0	<5	N			
13-Dec-19	Sunny	13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	108.9	170.3	260.0	<5	N			
19-Dec-19	Cloudy	14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	103.5	170.3	260.0	<5	N			
24-Dec-19	Sunny	13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	144.7	170.3	260.0	<5	N			
30-Dec-19	Cloudy	13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	73.2	170.3	260.0	<6	N			
																Average	111.7						
																Min	73.2						
																Max	144.7						

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 (September 2019 - December 2019)



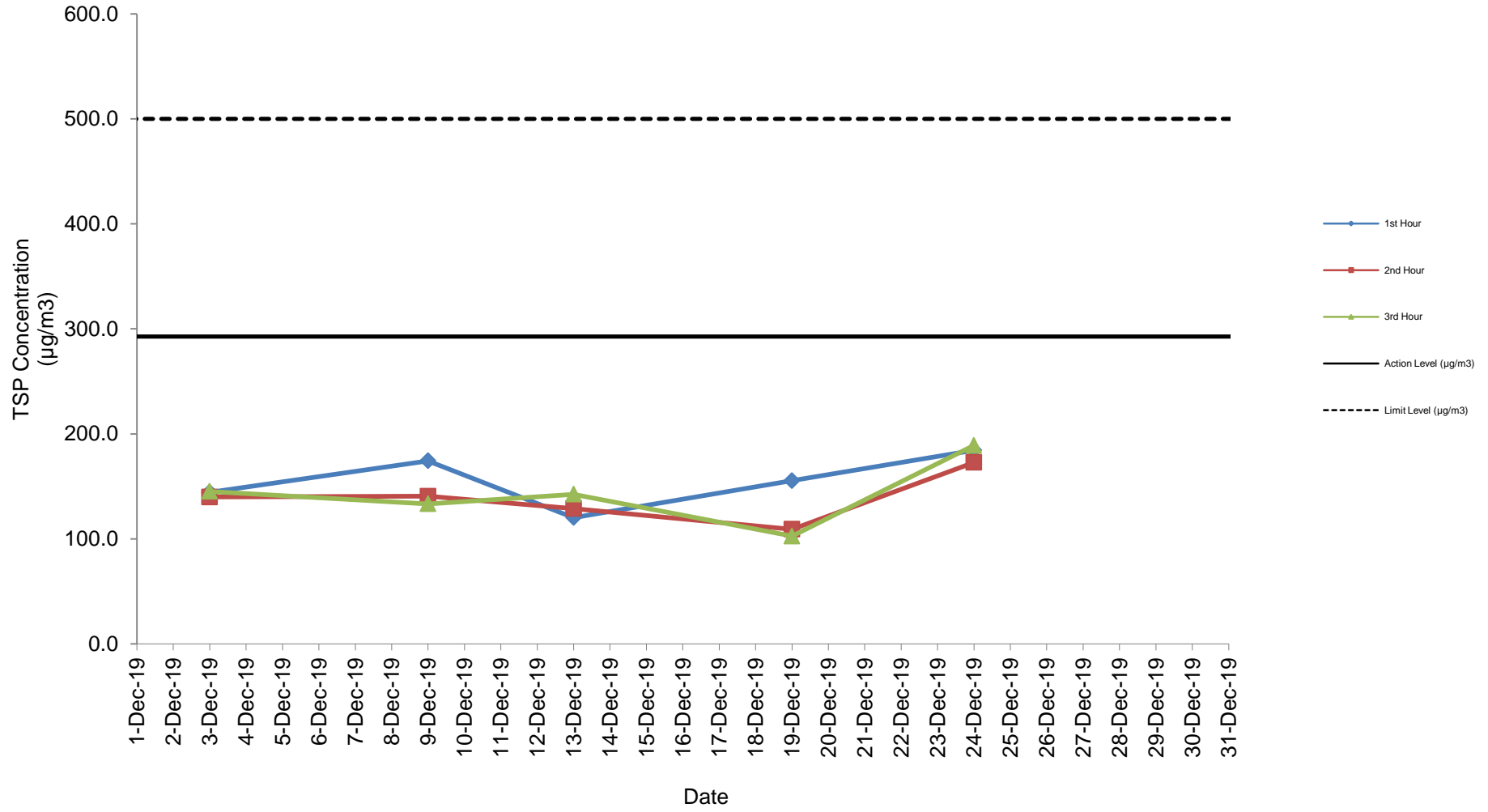
Appendix E
Air Quality Monitoring Results and their Graphical Presentation

1-Hour TSP Monitoring Result at Station: SR77

Date	Weather Condition	Time	Conc.($\mu\text{g}/\text{m}^3$)			Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
			1 st Hour	2 nd Hour	3 rd Hour		
3-Dec-19	Sunny	9:30 - 12:30	144.3	139.9	145.2	292.7	500.0
9-Dec-19	Sunny	9:30 - 12:30	174.3	140.6	133.4	292.7	500.0
13-Dec-19	Sunny	9:30 - 12:30	120.2	128.9	142.5	292.7	500.0
19-Dec-19	Cloudy	10:00 - 13:00	155.4	109.1	102.7	292.7	500.0
24-Dec-19	Sunny	9:30 - 12:30	184.4	172.8	189.0	292.7	500.0
30-Dec-19	Cloudy	9:30 - 12:30	101.1	99.3	94.4	292.7	500.0
					Average	137.6	
					Min	94.4	
					Max	189.0	

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 (September 2019 - December 2019)

