

Appendix F

Air Quality Monitoring Results and their Graphical Presentation

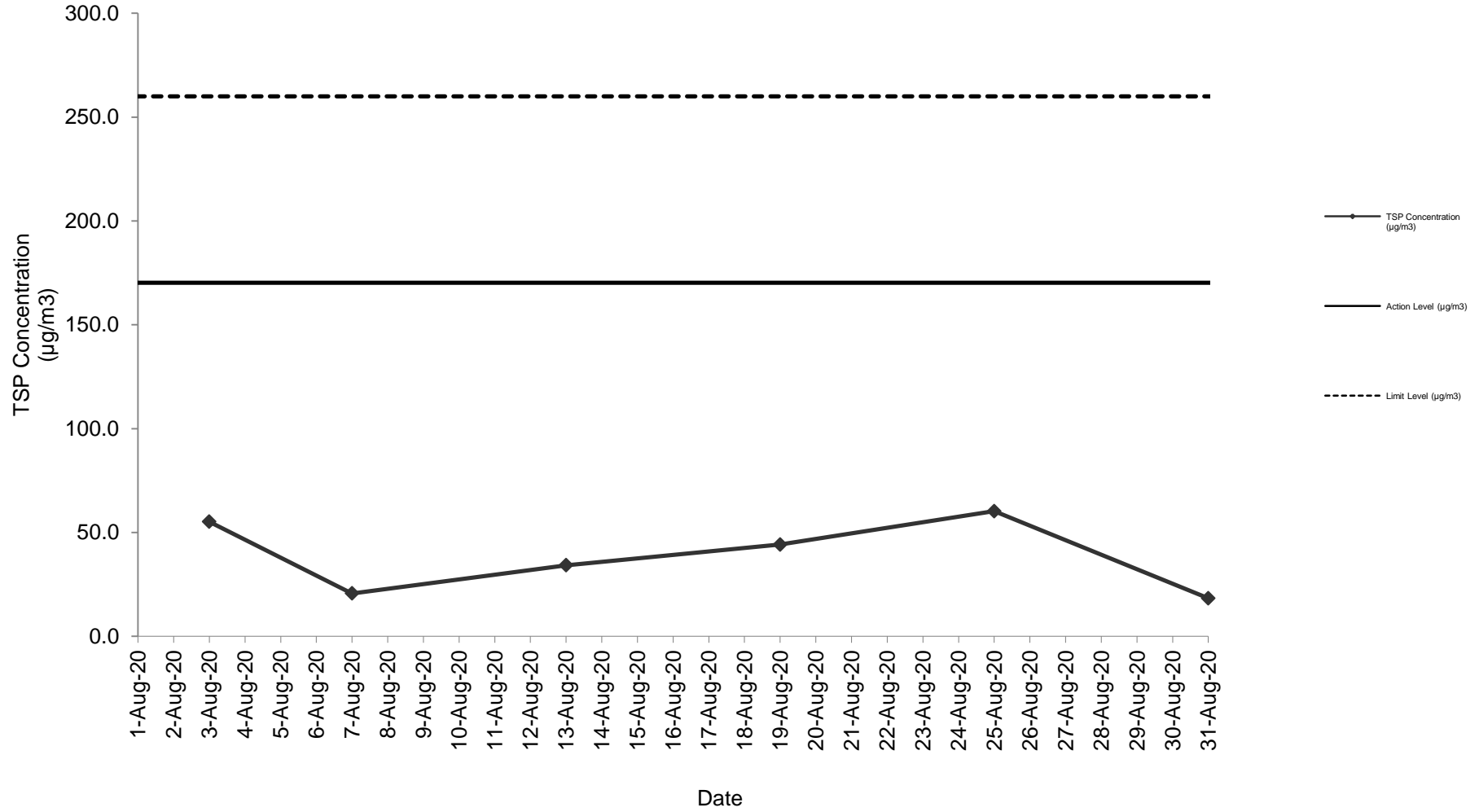
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

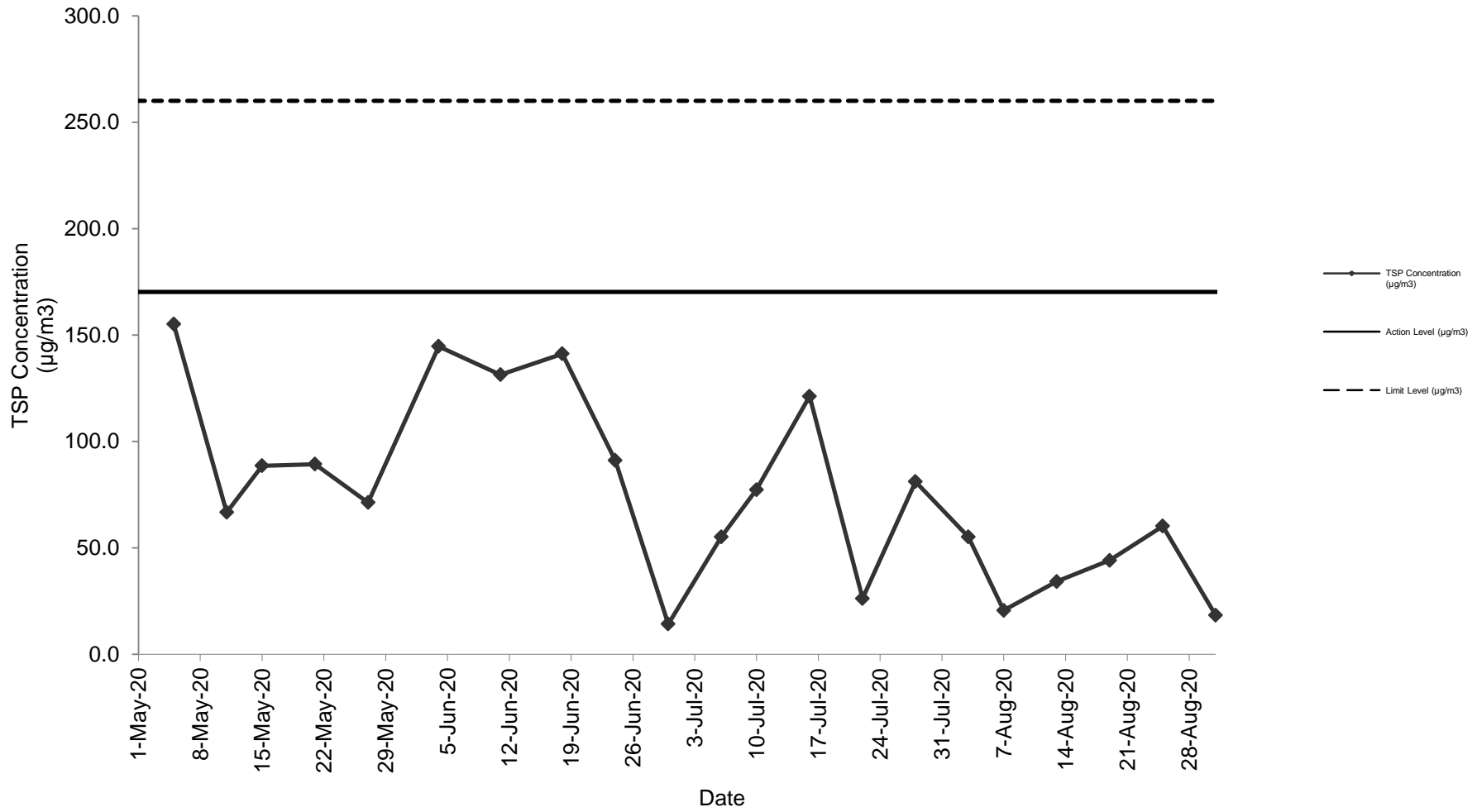
Sampling Date	Weather Condition	Starting Time	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m ³ /min)			Total Volume (m ³)	TSP Concentration (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	Wind speed m/s	Wind direction	NOE	IR
				Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate								
3-Aug-20	Cloudy	13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	55.1	170.3	260.0	<5	N			
7-Aug-20	Fine	13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	20.6	170.3	260.0	<5	N			
13-Aug-20	Fine	13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	34.2	170.3	260.0	<5	N			
19-Aug-20	Cloudy	14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	44.2	170.3	260.0	<5	N			
25-Aug-20	Fine	13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	60.3	170.3	260.0	<5	N			
31-Aug-20	Fine	13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	18.3	170.3	260.0	<5	N			
																Average	38.8						
																Min	18.3						
																Max	60.3						

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 2020 - Aug 2020)



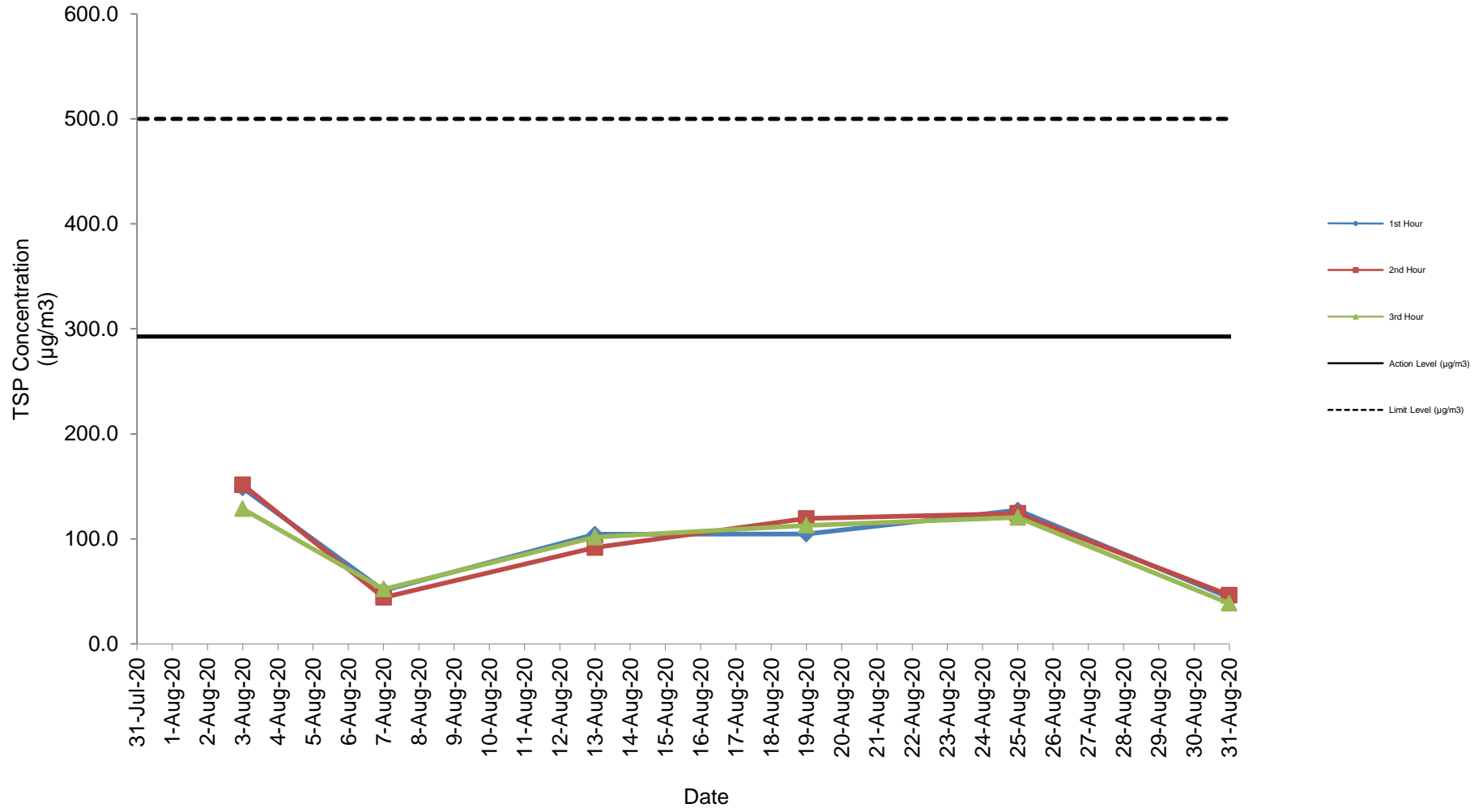
Appendix E
Air Quality Monitoring Results and their Graphical Presentation

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-Aug-20	Cloudy	10:15	-	13:15	148.4	151.5	128.6	292.7	500.0
7-Aug-20	Fine	10:45	-	13:45	50.9	44.3	52.2	292.7	500.0
13-Aug-20	Fine	10:15	-	13:15	104.3	91.7	101.6	292.7	500.0
19-Aug-20	Cloudy	11:45	-	14:45	104.6	119.3	112.8	292.7	500.0
25-Aug-20	Fine	10:00	-	13:00	127.3	124.2	120.4	292.7	500.0
31-Aug-20	Fine	10:00	-	13:00	44.1	46.3	38.6	292.7	500.0
							Average	95.1	
							Min	38.6	
							Max	151.5	

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 (May 2020 - Aug 2020)

