

Appendix F

Air Quality Monitoring Results and their Graphical Presentation

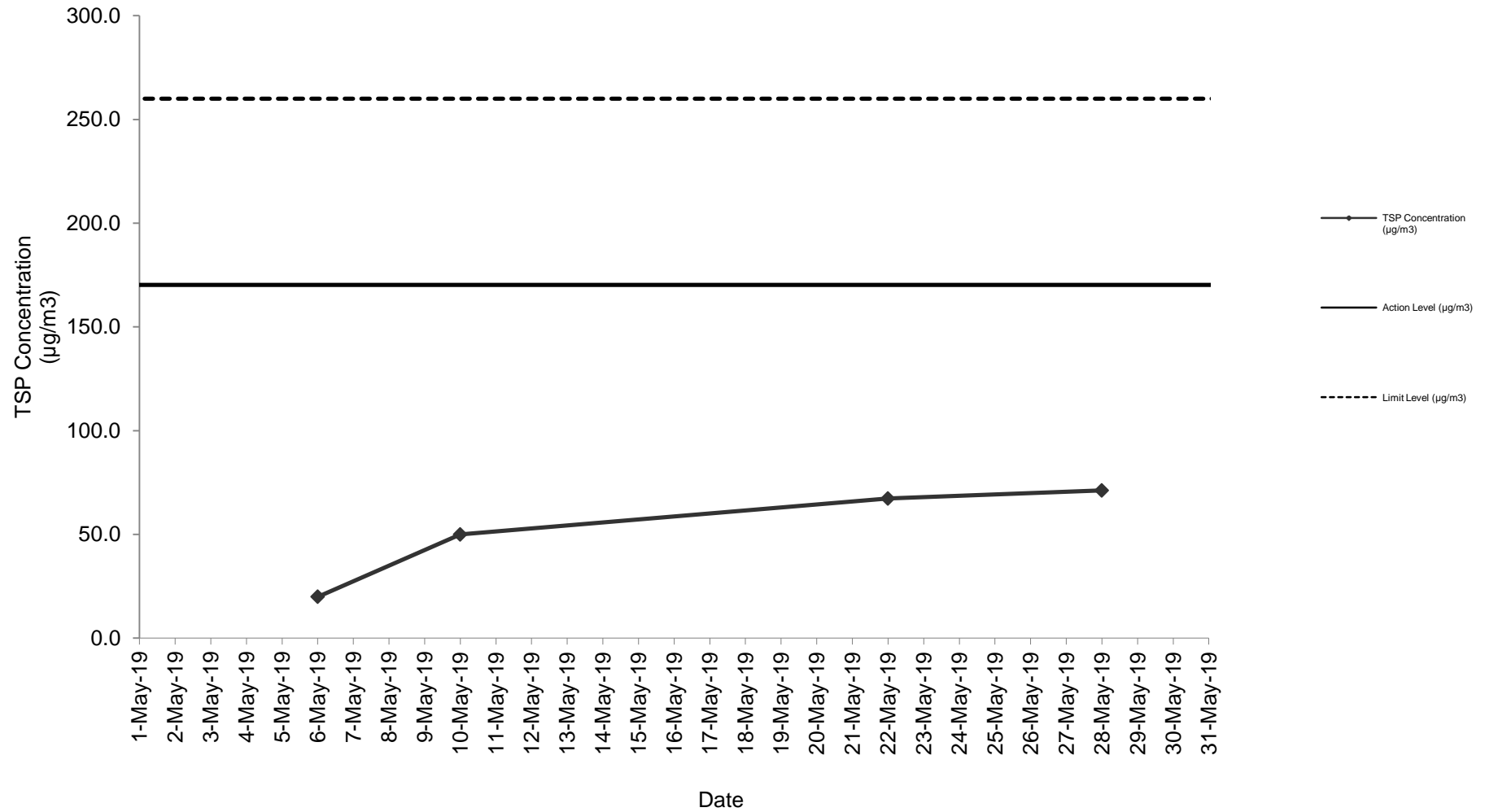
Appendix F
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

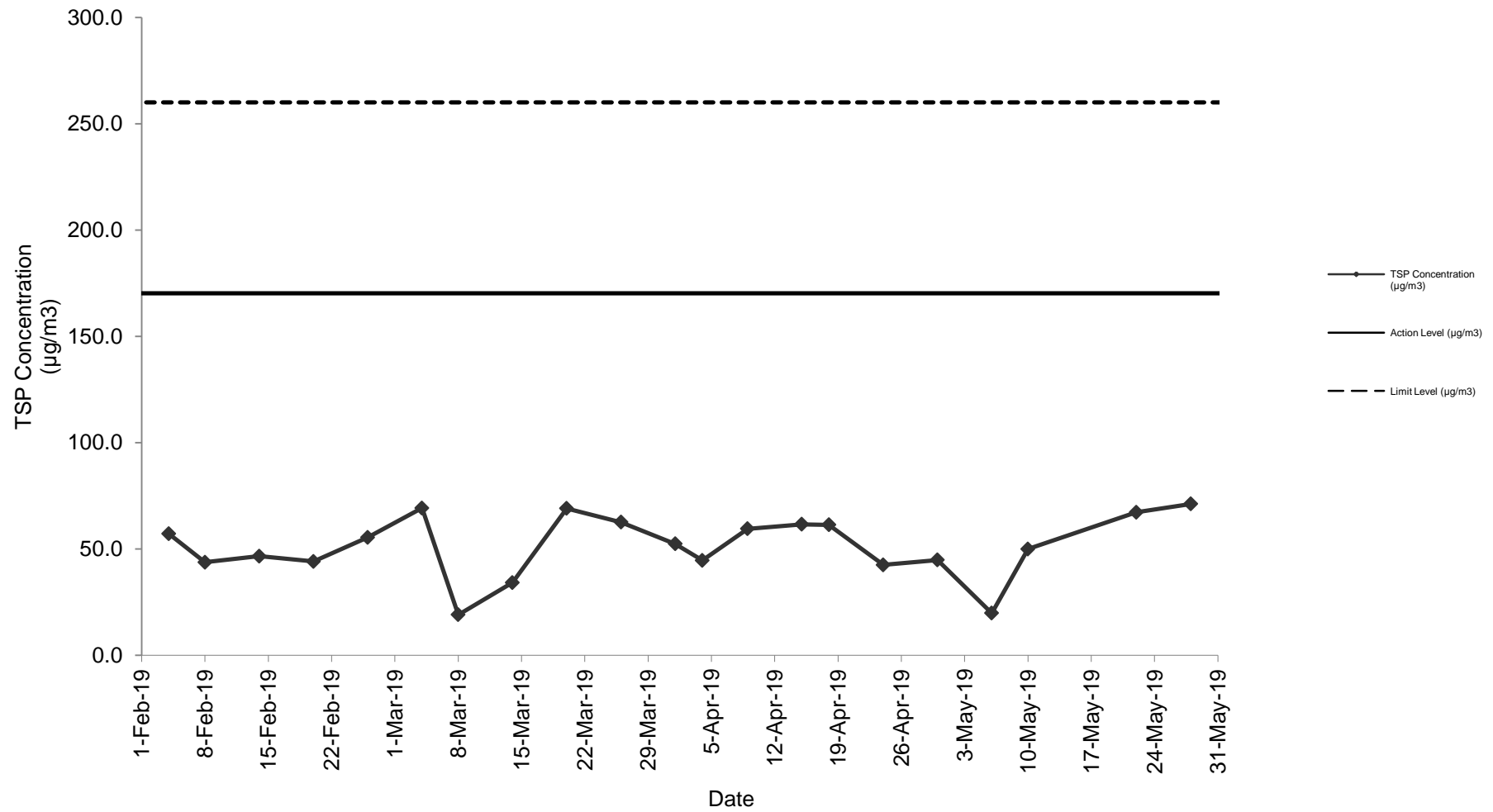
Sampling Date	Weather Condition	Starting Time	Paper No.	Wt. of paper (g)			Elapse Time			Flow Rate (CFM)			Flow Rate (m³/min)			Total Volume (m³)	TSP Concentration (µg/m³)	Action Level (µg/m3)	Limit Level (µg/m3)	Wind speed m/s	Wind direction	NOE	IR
				Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate								
6-May-19	Cloudy	12:11	C260	2.6749	2.7162	0.0413	35.67	59.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	19.9	170.3	260.0	<5	N		
10-May-19	Sunny	12:11	C262	2.6512	2.7551	0.1039	62.67	86.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	50.0	170.3	260.0	<5	N		
16-May-19	No data was provided, due to the eletricity supply was suspended.																						
22-May-19	Sunny	10:00	-	-	-	-	-	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	67.2	170.3	260.0	<5	N		
28-May-19	Sunny	10:00	-	-	-	-	-	24.00	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	71.2	170.3	260.0	<5	N		
																Average	52.1						
																Min	19.9						
																Max	71.2						

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
(February 2019 - May 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/m3)	Limit Level (µg/m3)
			1 st Hour	2 nd Hour	3 rd Hour		
6-May-19	Cloudy	9:00 - 12:08	77.3	93.5	70.4	292.7	500.0
10-May-19	Sunny	9:00 - 12:08	81.9	85.4	87.7	292.7	500.0
16-May-19	No data was provided, due to the eletricity supply was suspended.						
22-May-19	Sunny	11:00 - 14:00	85.1	77.7	96.6	292.7	500.0
28-May-19	Sunny	11:00 - 14:00	90.1	85.2	89.9	292.7	500.0
				Average	85.1		
				Min	70.4		
				Max	96.6		

Note:

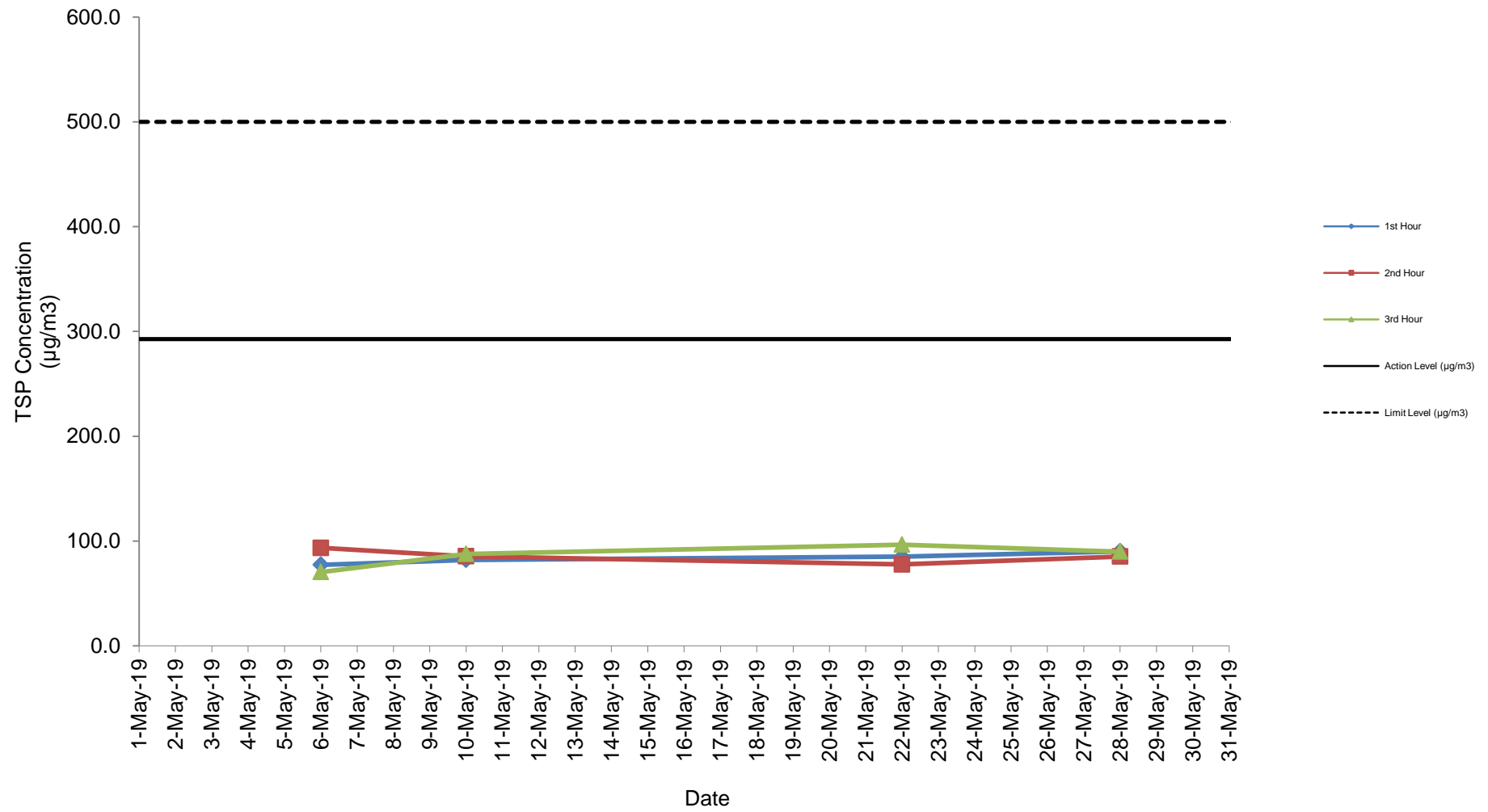
No major dust source observed during the monitoring period

Data in **Bold** denotes exceedanece 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.

1-Hour TSP Monitoring Result at station: SR77



**1-Hour TSP Monitoring Result at station: SR77
(February 2019 - May 2019)**

