

Appendix E

Environmental Monitoring Data for Air Quality and Noise

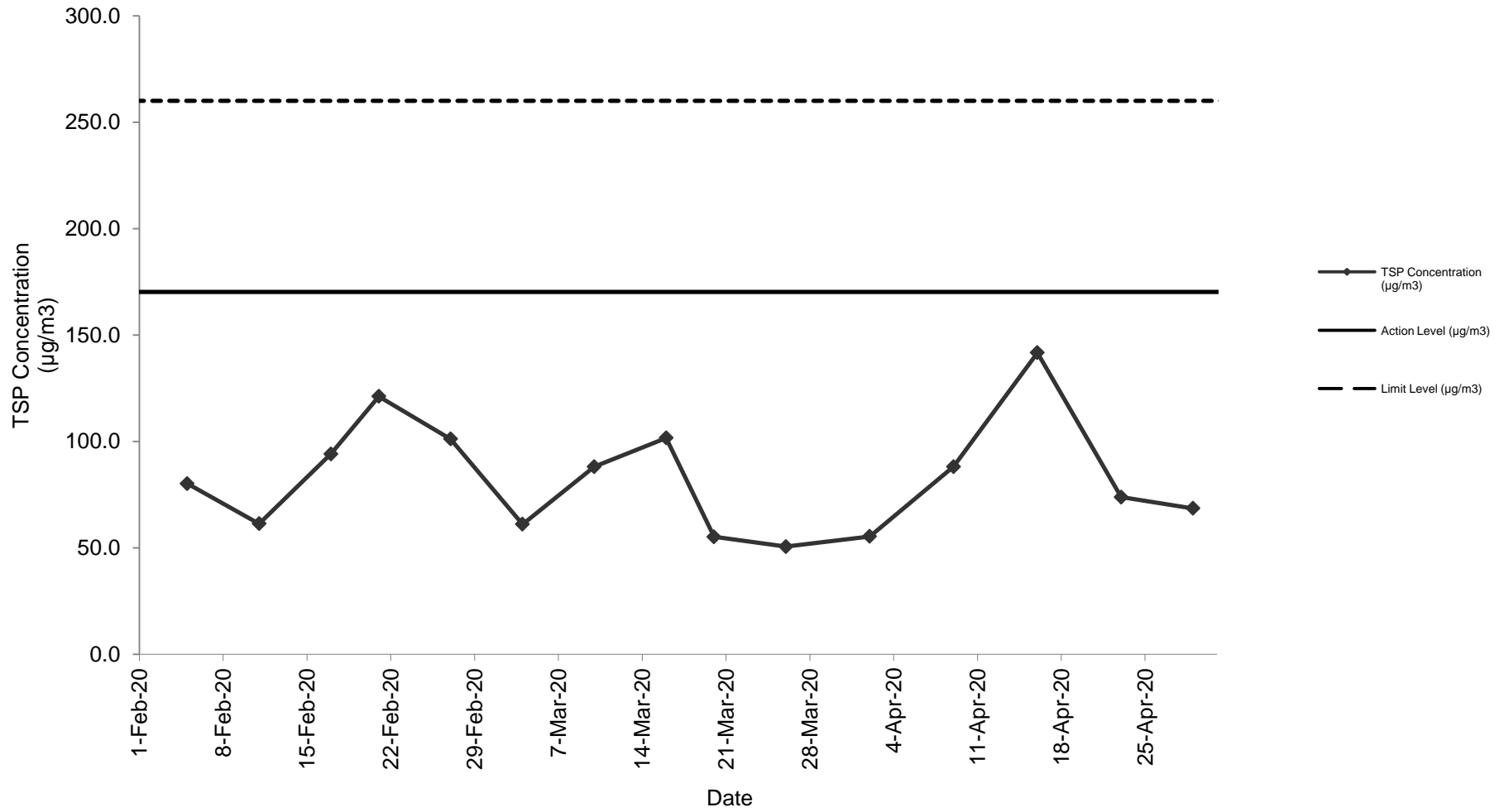
Appendix E
Air Quality Monitoring Results and their Graphical Presentation

24-Hour TSP Monitoring Result at Station: SR77

Sampling Date	Weather Condition	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
			Initial Wt.	Final Wt.	Wt. of Dust	Initial	Final	Sampling Hour	Initial	Final	Avg Flow Rate	Initial	Final	Avg Flow Rate						
5-Feb-20	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	80.2	170.3	260.0	<5	N
11-Feb-20	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	61.4	170.3	260.0	<5	N
17-Feb-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	94.1	170.3	260.0	<5	N
21-Feb-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	121.2	170.3	260.0	<5	N
27-Feb-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	101.2	170.3	260.0	<5	N
4-Mar-20	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	61.1	170.3	260.0	<5	N
10-Mar-20	Sunny	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	88.2	170.3	260.0	<5	N
16-Mar-20	Sunny	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	101.7	170.3	260.0	<5	N
20-Mar-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	55.2	170.3	260.0	<5	N
26-Mar-20	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	50.6	170.3	260.0	<5	N
2-Apr-20	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	55.4	170.3	260.0	<5	N
9-Apr-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	88.2	170.3	260.0	<5	N
16-Apr-20	Sunny	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	141.7	170.3	260.0	<5	N
23-Apr-20	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	73.9	170.3	260.0	<5	N
29-Apr-20	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	68.6	170.3	260.0	<5	N

Summary For the Reporting Quarter (February 2020 - April 2020)	
Average	82.8
Minimum	50.6
Maximun	141.7

24-Hour TSP Monitoring Result at Station: SR77 (February 2020 - April 2020)



Appendix E

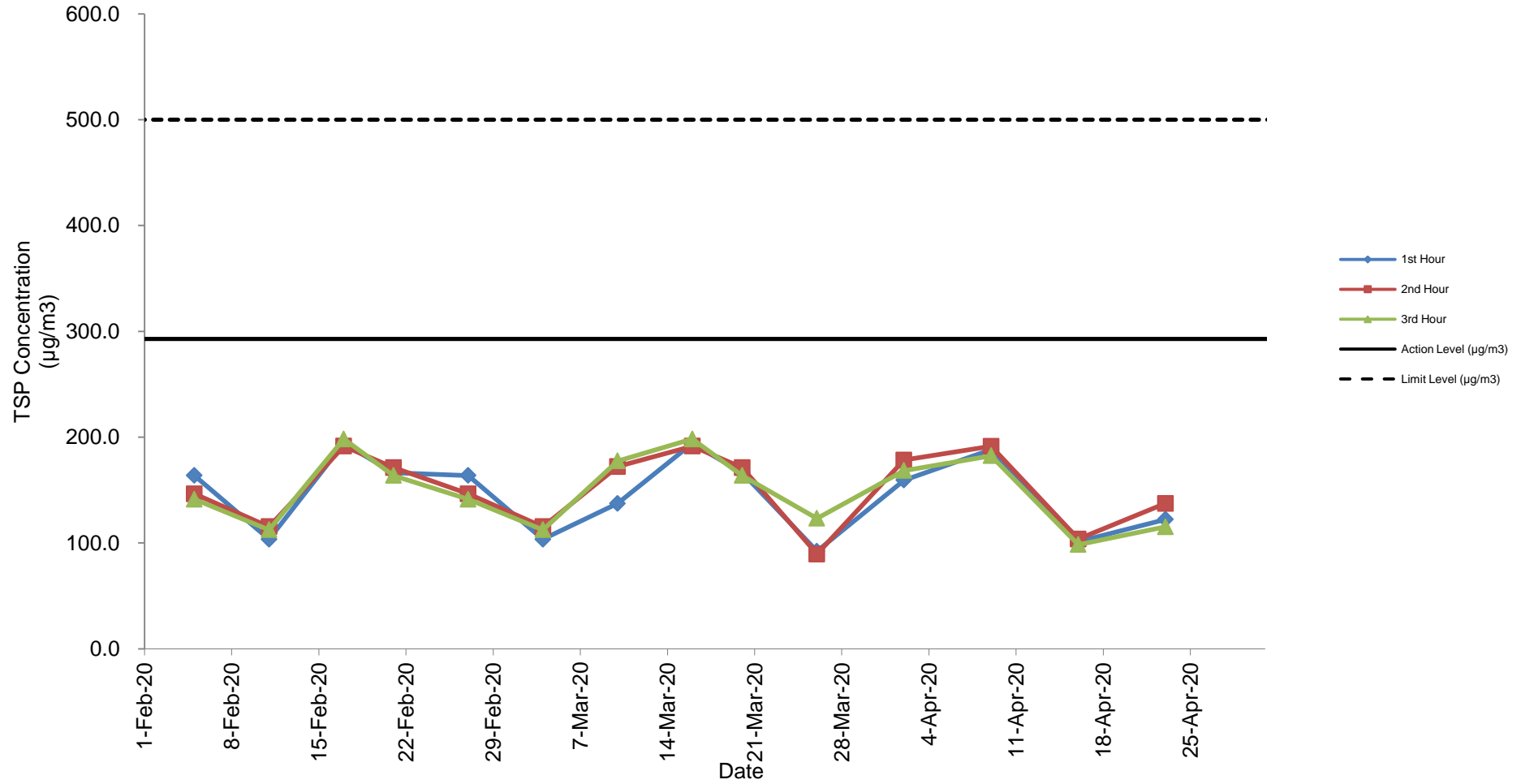
Air Quality Monitoring Results and their Graphical Presentation

1-Hour TSP Monitoring Result at Station: SR77

Date	Weather Condition	Time			Conc.(µg/m ³)			Action Level (µg/m ³)	Limit Level (µg/m ³)
					1 st Hour	2 nd Hour	3 rd Hour		
5-Feb-20	Cloudy	10:30	-	13:30	163.7	146.4	141.3	292.7	500.0
11-Feb-20	Cloudy	10:30	-	13:30	103.4	115.4	112.4	292.7	500.0
17-Feb-20	Fine	10:00	-	13:00	137.3	172.1	177.4	292.7	500.0
21-Feb-20	Fine	10:30	-	13:30	194.2	191.5	198.2	292.7	500.0
27-Feb-20	Fine	10:30	-	13:30	166.4	171.1	163.7	292.7	500.0
4-Mar-20	Cloudy	10:00	-	13:30	163.7	146.4	141.3	292.7	500.0
10-Mar-20	Sunny	10:30	-	13:30	103.4	115.4	112.4	292.7	500.0
16-Mar-20	Sunny	10:30	-	13:00	137.3	172.1	177.4	292.7	500.0
20-Mar-20	Fine	10:00	-	13:30	194.2	191.5	198.2	292.7	500.0
26-Mar-20	Cloudy	10:45	-	13:30	166.4	171.1	163.7	292.7	500.0
2-Apr-20	Cloudy	10:15	-	13:30	92.1	89.4	123.2	292.7	500.0
9-Apr-20	Fine	10:30	-	13:30	159.2	178.3	168.3	292.7	500.0
16-Apr-20	Sunny	10:00	-	13:00	188.1	191.3	182.4	292.7	500.0
23-Apr-20	Cloudy	10:30	-	13:30	101.4	103.7	98.4	292.7	500.0
29-Apr-20	Cloudy	10:00	-	13:30	122.3	137.3	115.2	292.7	500.0

Summary For the Reporting Quarter (February 2020 - April 2020)	
Average	150.2
Minimum	89.4
Maximum	198.2

1-Hour TSP Monitoring Result at station: SR77 (February 2020 - April 2020)



Noise Monitoring Result at SR77

Date	Weather Condition	Start Time	End Time	Measured Noise Level (dB(A))*			Baseline Corrected Level, dB(A)**	Baseline Noise Level (dB(A)), Leq(30min)	Limit Level dB(A)	Exceedance (Y / N)
				L10(30min)	L90(30min)	Leq(30min)				
2020-02-05	Cloudy	11:15	11:45	80.5	58.0	65.5	-	67.8	75.0	N
2020-02-11	Cloudy	11:15	11:45	78.5	56.5	63.5	-	67.8	75.0	N
2020-02-17	Fine	11:15	11:45	86.5	57.0	64.5	-	67.8	75.0	N
2020-02-27	Fine	11:15	11:45	79.5	56.0	64.0	-	67.8	75.0	N
2020-03-04	Cloudy	11:15	11:45	91.5	61.5	65.0	-	67.8	75.0	N
2020-03-10	Sunny	11:15	11:45	92.0	58.5	63.5	-	67.8	75.0	N
2020-03-16	Sunny	11:15	11:45	98.5	56.5	61.5	-	67.8	75.0	N
2020-03-26	Cloudy	11:15	11:45	93.0	57.5	65.5	-	67.8	75.0	N
2020-04-02	Cloudy	11:15	11:45	104.0	61.0	67.0	-	67.8	75.0	N
2020-04-09	Fine	11:30	12:00	101.0	59.5	66.5	-	67.8	75.0	N
2020-04-16	Sunny	11:00	11:30	92.0	55.5	61.5	-	67.8	75.0	N
2020-04-23	Cloudy	11:15	11:45	95.0	57.5	64.5	-	67.8	75.0	N
2020-04-29	Cloudy	11:15	11:45	94.5	54.5	64.0	-	67.8	75.0	N

Summary For the Reporting Quarter (February 2020 - April 2020)	
Average	64.3
Minimum	61.5
Maximum	67.0

**Noise monitoring result: SR77
(February 2020 - April 2020)**

