

Appendix E Environmental Monitoring Data for Air, Noise and Water Quality

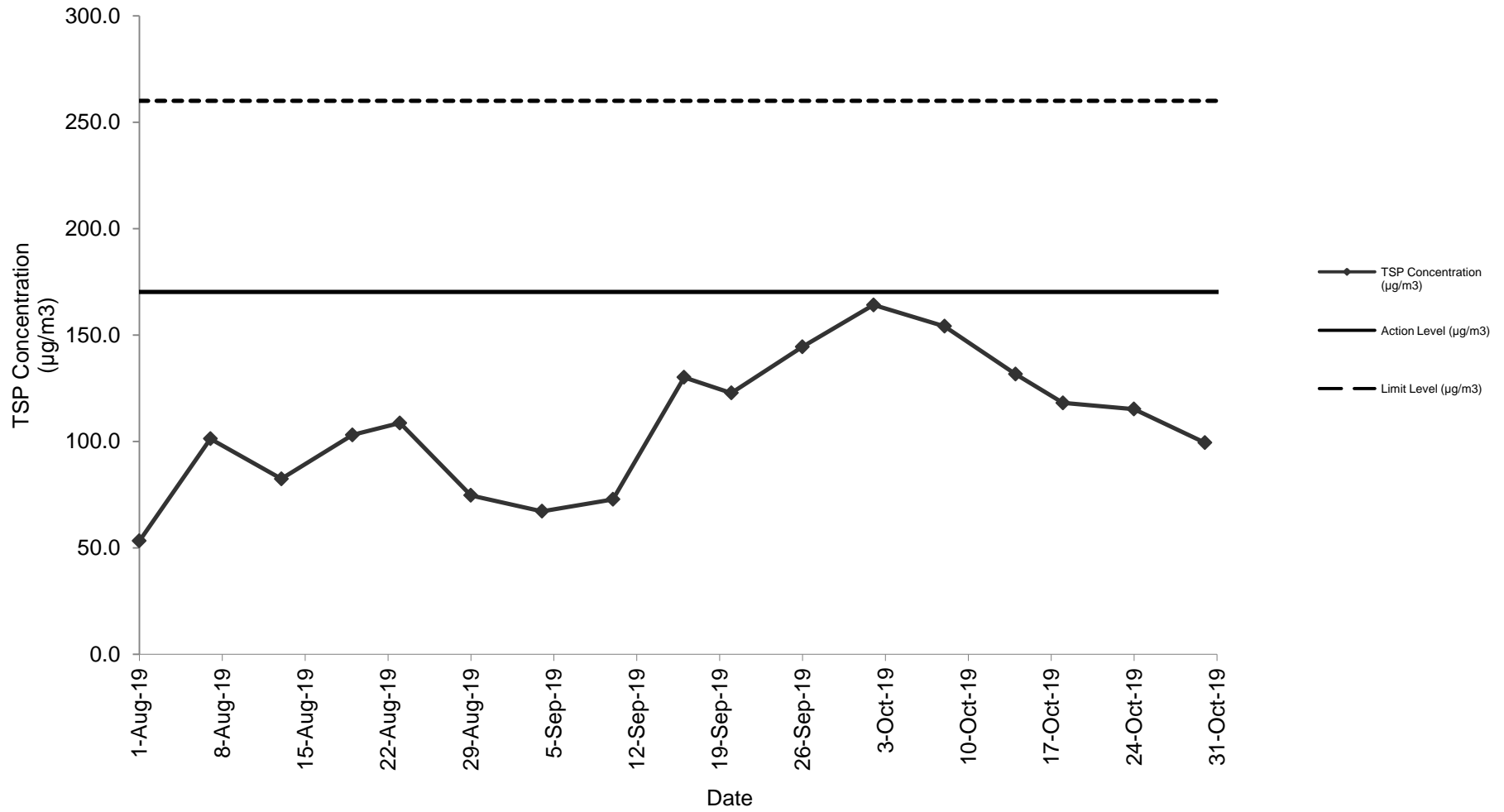
Appendix E
Air Quality Monitoring Results and their Graphical Presentation

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						
1-Aug-19	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	53.3	170.3	260.0	<5	N
7-Aug-19	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	101.3	170.3	260.0	<5	N
13-Aug-19	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	82.5	170.3	260.0	<5	N
19-Aug-19	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	103.1	170.3	260.0	<5	N
23-Aug-19	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	108.7	170.3	260.0	<5	N
29-Aug-19	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	74.7	170.3	260.0	<5	N
4-Sep-19	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	67.2	170.3	260.0	<5	N
10-Sep-19	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	72.8	170.3	260.0	<5	N
16-Sep-19	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	130.1	170.3	260.0	<5	N
20-Sep-19	Sunny	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	122.8	170.3	260.0	<5	N
26-Sep-19	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	144.5	170.3	260.0	<5	N
2-Oct-19	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	164.2	170.3	260.0	<5	N
8-Oct-19	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	154.1	170.3	260.0	<5	N
14-Oct-19	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	131.6	170.3	260.0	<5	N
18-Oct-19	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	118.1	170.3	260.0	<5	N
24-Oct-19	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	115.2	170.3	260.0	<5	N
30-Oct-19	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	99.4	170.3	260.0	<5	N

Summary For the Reporting Quarter (Aug 2019 - Oct 2019)	
Average	110.8
Minimum	53.3
Maximun	164.2

24-Hour TSP Monitoring Result at Station: SR77 (August 2019 - October 2019)



Appendix E

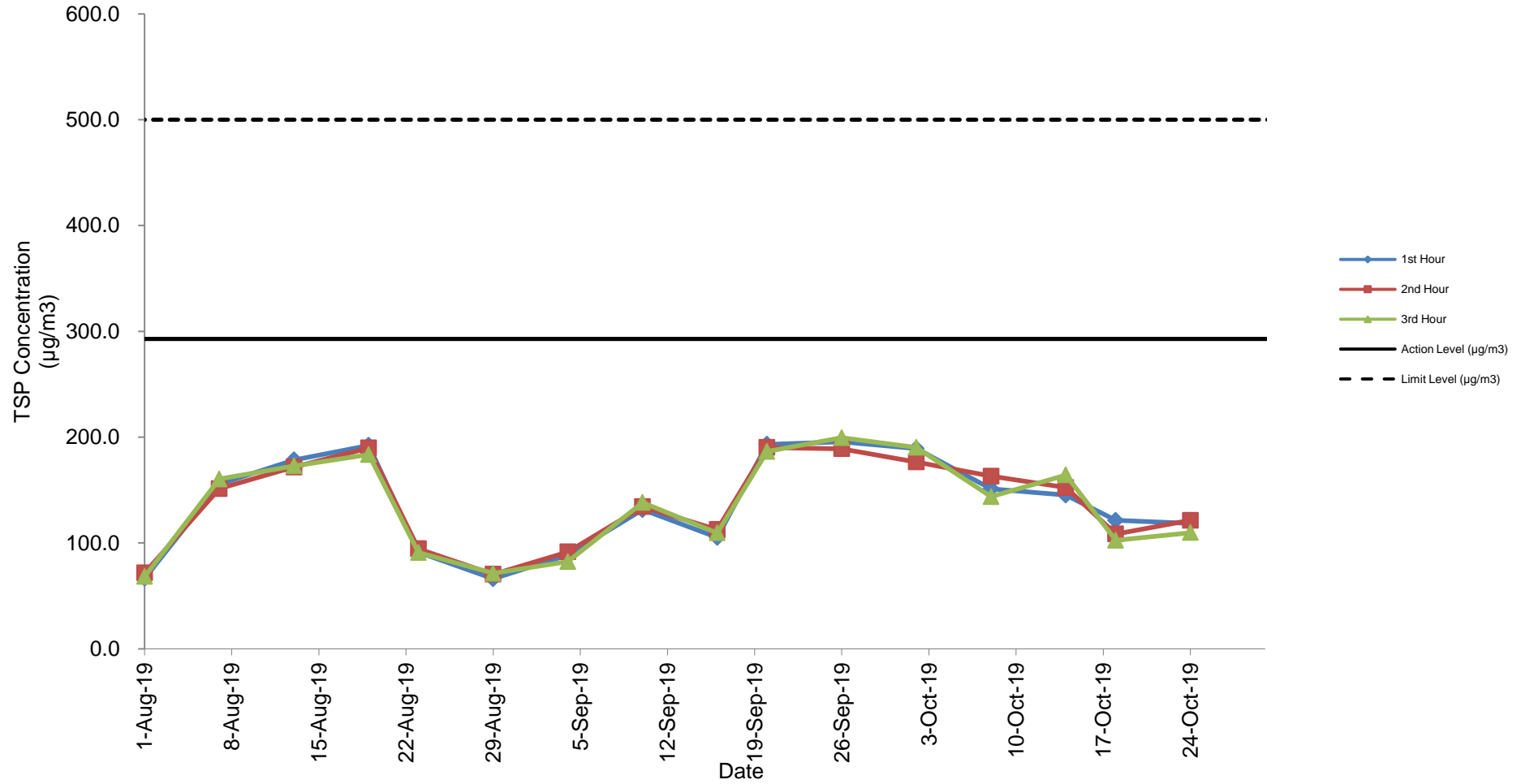
Air Quality Monitoring Results and their Graphical Presentation

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		
1-Aug-19	Cloudy	9:30	-	12:30	66.4	71.7	68.2	292.7	500.0
7-Aug-19	Fine	9:30	-	12:30	155.4	151.3	160.4	292.7	500.0
13-Aug-19	Fine	9:30	-	12:30	94.2	91.7	98.6	292.7	500.0
19-Aug-19	Fine	8:30	-	11:30	178.4	171.7	172.8	292.7	500.0
23-Aug-19	Fine	9:30	-	12:30	192.2	189.7	183.5	292.7	500.0
29-Aug-19	Cloudy	9:30	-	12:30	91.3	94.5	90.9	292.7	500.0
4-Sep-19	Cloudy	9:00	-	12:00	66.1	70.3	71.3	292.7	500.0
10-Sep-19	Fine	9:30	-	12:30	88.4	91.5	82.3	292.7	500.0
16-Sep-19	Cloudy	9:00	-	12:00	131.5	134.2	138.1	292.7	500.0
20-Sep-19	Sunny	9:00	-	12:00	105.2	112.6	109.4	292.7	500.0
26-Sep-19	Fine	9:00	-	12:00	193.1	190.2	186.4	292.7	500.0
2-Oct-19	Fine	9:00	-	12:00	195.4	189.0	199.4	292.7	500.0
8-Oct-19	Fine	9:30	-	12:30	189.2	176.4	190.2	292.7	500.0
14-Oct-19	Cloudy	9:30	-	12:30	151.2	163.1	143.7	292.7	500.0
18-Oct-19	Cloudy	9:00	-	12:00	145.1	152.3	164.2	292.7	500.0
24-Oct-19	Fine	9:30	-	12:00	121.3	108.4	102.5	292.7	500.0
30-Oct-19	Fine	9:30	-	12:30	118.5	121.4	109.7	292.7	500.0

Summary For the Reporting Quarter (Aug 2019 - Oct 2019)	
Average	134.0
Minimum	66.1
Maximum	199.4

1-Hour TSP Monitoring Result at station: SR77 (August 2019 - October 2019)



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)				
2019-08-01	Cloudy	12:15	12:45	94.5	60.5	65.5	-	67.8	75.0	N
2019-08-07	Fine	12:15	12:45	85.5	55.5	64.5	-	67.8	75.0	N
2019-08-13	Fine	12:15	12:45	90.5	57.5	63.5	-	67.8	75.0	N
2019-08-19	Fine	12:15	12:45	98.5	56.5	65.0	-	67.8	75.0	N
2019-08-29	Cloudy	12:15	12:45	105.0	56.5	63.5	-	67.8	75.0	N
2019-09-04	Cloudy	11:15	11:45	96.0	58.0	65.0	-	67.8	75.0	N
2019-09-10	Fine	11:15	11:45	100.5	55.5	64.0	-	67.8	75.0	N
2019-09-16	Cloudy	11:15	11:45	90.5	56.0	63.5	-	67.8	75.0	N
2019-09-26	Fine	11:15	11:45	102.0	58.5	63.5	-	67.8	75.0	N
2019-10-02	Fine	11:15	11:45	96.0	60.0	64.5	-	67.8	75.0	N
2019-10-08	Fine	11:15	11:45	95.0	56.0	65.0	-	67.8	75.0	N
2019-10-14	Cloudy	11:15	11:45	101.0	58.0	63.5	-	67.8	75.0	N
2019-10-24	Fine	11:15	11:45	104.0	57.5	63.0	-	67.8	75.0	N
2019-10-30	Fine	11:15	11:45	97.5	55.5	65.0	-	67.8	75.0	N

Summary For the Reporting Quarter (Aug 2019 - Oct 2019)	
Average	64.2
Minimum	63.0
Maximum	65.5

**Noise monitoring result: SR77
(August 2019 - October 2019)**

