

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

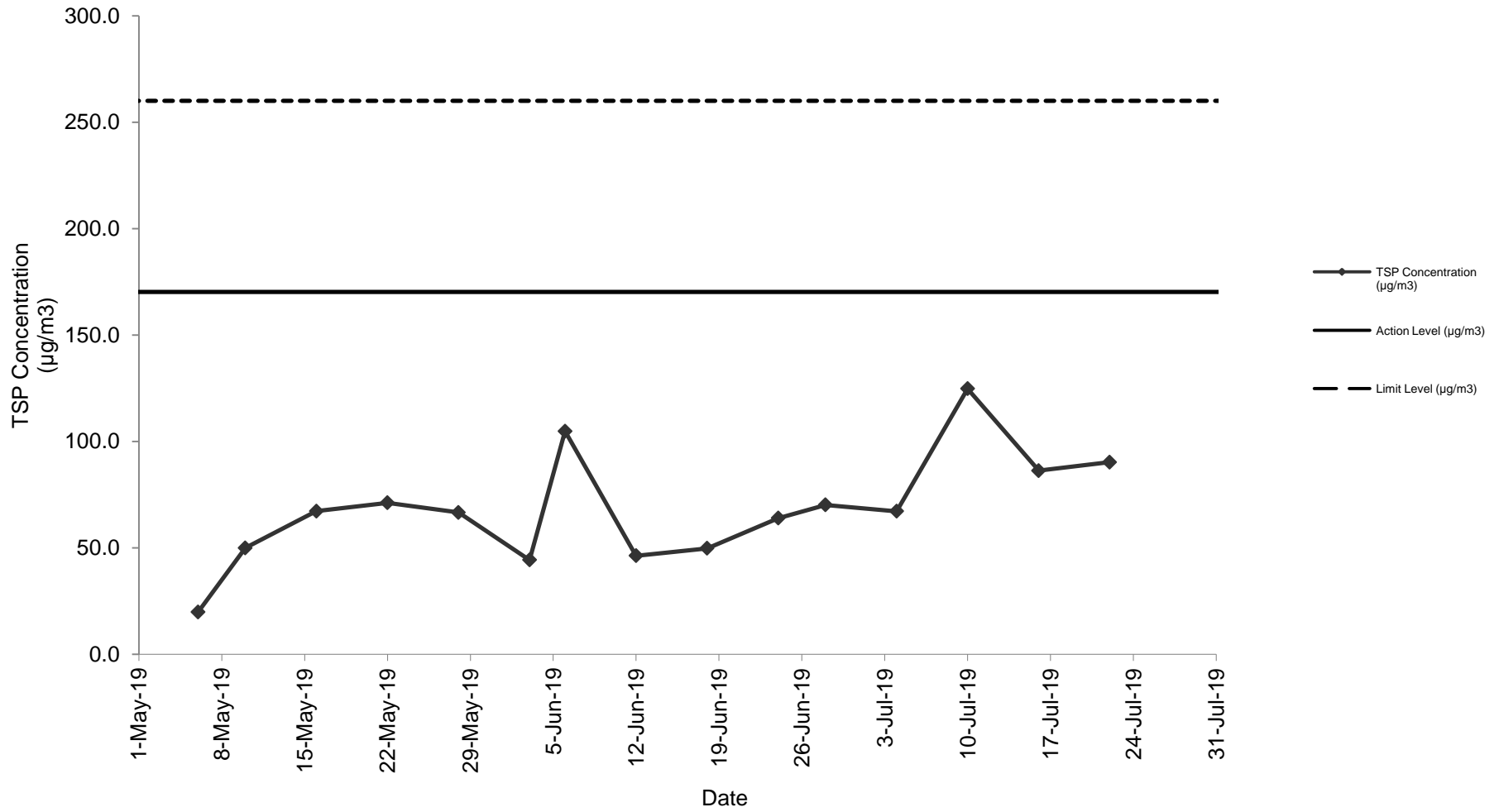
Appendix E
Air Quality Monitoring Results and their Graphical Presentation

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						
6-May-19	Cloudy	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	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	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	67.2	170.3	260.0	<5	N
28-May-19	Sunny	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	71.2	170.3	260.0	<5	N
3-Jun-19	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	66.7	170.3	260.0	<5	N
6-Jun-19	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	44.4	170.3	260.0	<5	N
12-Jun-19	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	104.8	170.3	260.0	<5	N
18-Jun-19	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	46.3	170.3	260.0	<5	N
24-Jun-19	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	49.8	170.3	260.0	<5	N
28-Jun-19	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	64.0	170.3	260.0	<5	N
4-Jul-19	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	70.2	170.3	260.0	<5	N
10-Jul-19	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	67.2	170.3	260.0	<5	N
16-Jul-19	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	124.8	170.3	260.0	<5	N
22-Jul-19	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	86.3	170.3	260.0	<5	N
26-Jul-19	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	90.3	170.3	260.0	<5	N

Summary For the Reporting Quarter (May 2019 - July 2019)	
Average	68.2
Minimum	19.9
Maximun	124.8

24-Hour TSP Monitoring Result at Station: SR77 (May 2019 - July 2019)



Appendix E

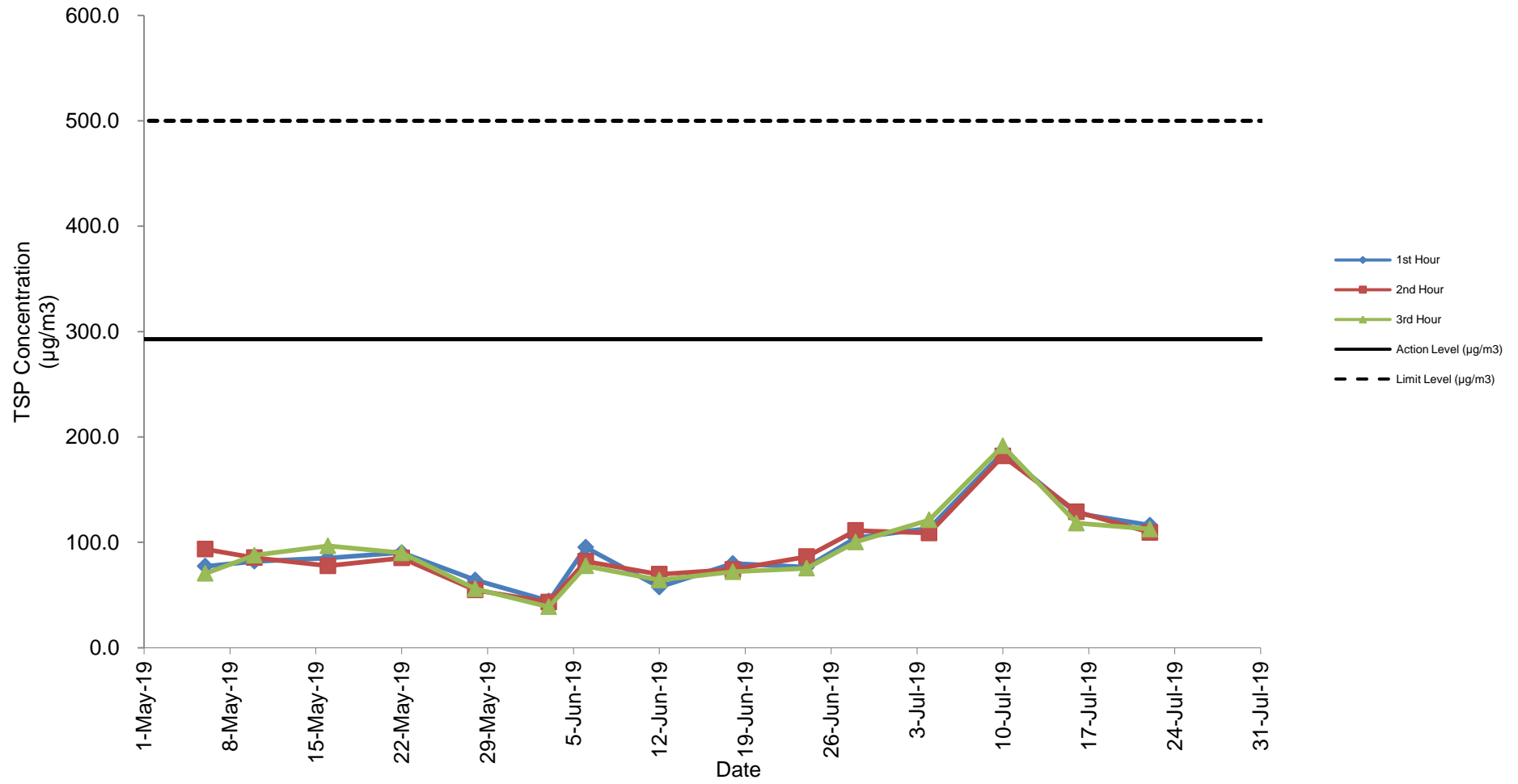
Air Quality Monitoring Results and their Graphical Presentation

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		
6-May-19	Sunny	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 electricity 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
3-Jun-19	Cloudy	9:45	-	12:45	64.2	54.7	55.8	292.7	500.0
6-Jun-19	Fine	9:00	-	12:00	44.3	43.2	38.7	292.7	500.0
12-Jun-19	Cloudy	9:00	-	12:00	95.2	81.9	77.5	292.7	500.0
18-Jun-19	Cloudy	9:00	-	12:00	57.5	69.7	64.2	292.7	500.0
24-Jun-19	Cloudy	9:00	-	12:00	79.8	74.3	72.1	292.7	500.0
28-Jun-19	Cloudy	9:00	-	12:00	76.4	86.3	75.3	292.7	500.0
4-Jul-19	Fine	9:45	-	11:45	104.1	111.1	100.3	292.7	500.0
10-Jul-19	Cloudy	9:00	-	11:00	113.2	108.8	121.2	292.7	500.0
16-Jul-19	Fine	9:00	-	11:00	185.1	181.8	191.4	292.7	500.0
22-Jul-19	Fine	9:00	-	11:00	127.5	129.0	118.2	292.7	500.0
26-Jul-19	Fine	9:00	-	11:00	116.2	109.3	112.6	292.7	500.0

Summary For the Reporting Quarter (May 2019 - July 2019)	
Average	92.5
Minimum	38.7
Maximum	191.4

1-Hour TSP Monitoring Result at station: SR77 (May 2019 - July 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)				
2019-05-06	Cloudy	11:15	11:45	92.0	63.5	65.0	-	67.8	75.0	N
2019-05-16	Sunny	11:15	11:45	93.5	66.0	67.5	-	67.8	75.0	N
2019-05-22	Fine	11:30	12:00	93.5	60.5	69.0	-	67.8	75.0	N
2019-05-28	Sunny	11:30	12:00	85.5	56.0	65.5	-	67.8	75.0	N
2019-06-03	Cloudy	11:15	11:45	97.0	58.0	63.5	-	67.8	75.0	N
2019-06-12	Cloudy	11:15	11:45	99.0	56.5	69.0	-	67.8	75.0	N
2019-06-18	Cloudy	11:15	11:45	91.5	56.0	65.0	-	67.8	75.0	N
2019-06-24	Cloudy	11:15	11:45	98.5	56.5	66.5	-	67.8	75.0	N
2019-07-04	Fine	11:15	11:45	97.5	58.5	64.5	-	67.8	75.0	N
2019-07-10	Cloudy	11:15	11:45	100.0	60	63.5	-	67.8	75.0	N
2019-07-16	Fine	11:15	11:45	94.5	61	66.5	-	67.8	75.0	N
2019-07-22	Fine	11:15	11:45	103.5	56	65	-	67.8	75.0	N
2019-07-26	Fine	11:15	11:45	106.5	57.0	68.0	-	67.8	75.0	N

Summary For the Reporting Quarter (May 2019 - July 2019)	
Average	66.0
Minimum	63.5
Maximum	69.0

**Noise monitoring result: SR77
(May 2019 - July 2019)**

