

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

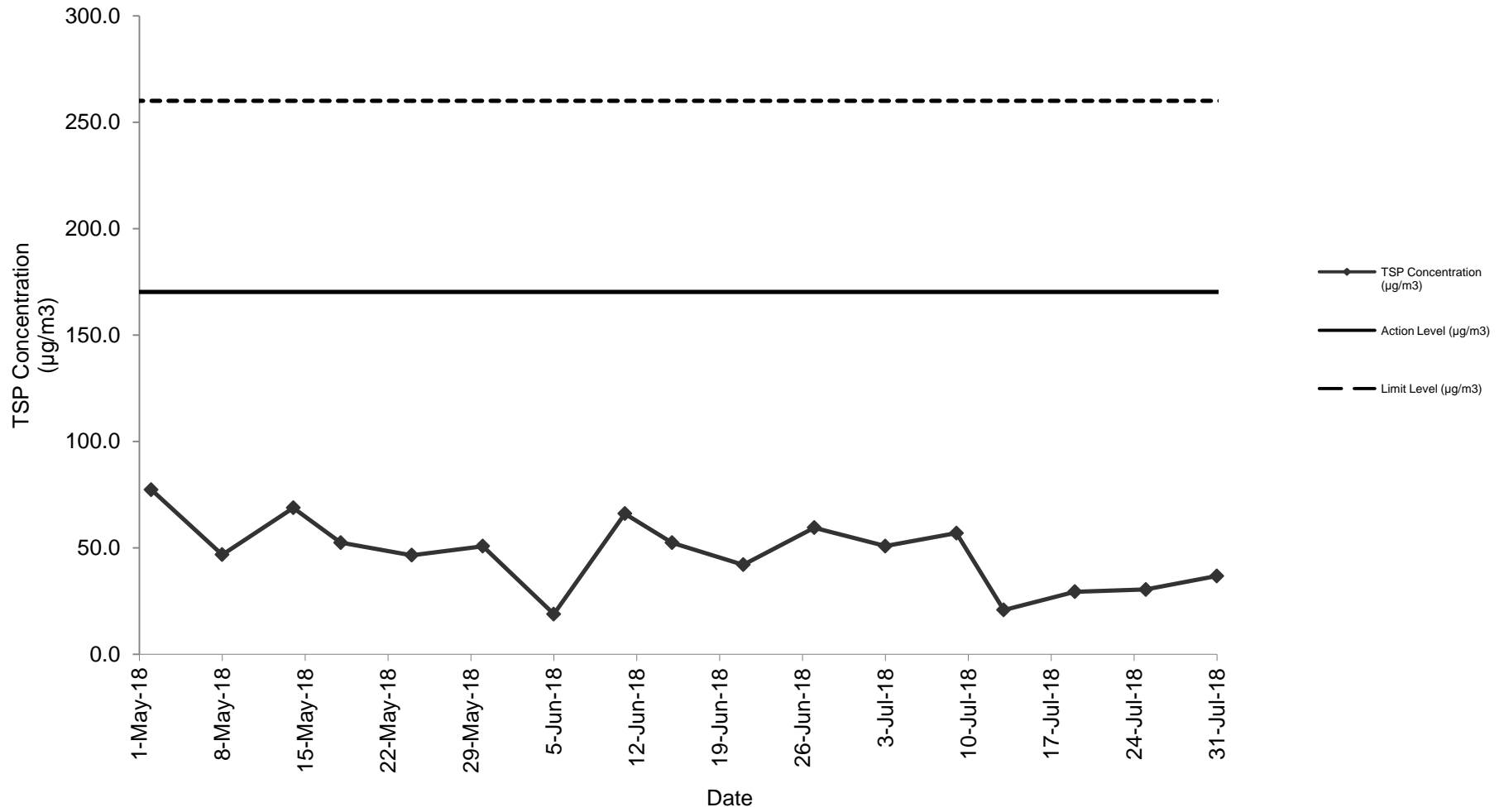
Appendix E
Air Quality Monitoring Results and their Graphical Presentation

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						
2-May-18	Sunny	C126	2.8201	2.9809	0.1608	8225.67	8249.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	77.3	170.3	260.0	<5	N
8-May-18	Cloudy	C128	2.8102	2.9076	0.0974	8252.67	8276.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	46.8	170.3	260.0	<5	N
14-May-18	Sunny	C130	2.7900	2.9331	0.1431	8279.67	8303.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	68.8	170.3	260.0	<5	N
18-May-18	Sunny	C132	2.8176	2.9269	0.1093	8307.67	8331.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	52.5	170.3	260.0	<5	N
24-May-18	Sunny	C134	2.8369	2.9340	0.0971	8334.67	8358.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	46.6	170.3	260.0	<5	N
30-May-18	Sunny	C136	2.8177	2.9233	0.1056	8361.67	8385.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	50.8	170.3	260.0	<5	N
5-Jun-18	Rainy	C138	2.8060	2.8453	0.0393	8388.67	8412.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	18.9	170.3	260.0	<5	N
11-Jun-18	Sunny	C140	2.8223	2.9598	0.1375	8415.67	8439.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	66.1	170.3	260.0	<5	N
15-Jun-18	Fine	C142	2.8141	2.9231	0.1090	8442.67	8466.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	52.4	170.3	260.0	<5	N
21-Jun-18	Fine	C144	2.8217	2.9092	0.0875	8469.67	8493.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	42.1	170.3	260.0	<5	N
27-Jun-18	Fine	C146	2.8174	2.9411	0.1237	8496.67	8520.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	59.5	170.3	260.0	<5	N
3-Jul-18	Rainy	C148	2.8176	2.9234	0.1058	8523.67	8547.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	50.9	170.3	260.0	<5	N
9-Jul-18	Fine	C150	2.8152	2.9337	0.1185	8550.67	8574.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	57.0	170.3	260.0	<5	N
13-Jul-18	Rainy	C152	2.8085	2.8518	0.0433	8577.67	8601.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	20.8	170.3	260.0	<5	N
19-Jul-18	Cloudy	C154	2.8219	2.8831	0.0612	8604.67	8628.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	29.4	170.3	260.0	<5	N
25-Jul-18	Fine	C156	2.8181	2.8814	0.0633	8631.67	8655.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	30.4	170.3	260.0	<5	N
31-Jul-18	Fine	C158	2.8119	2.8884	0.0765	8658.67	8682.67	24.00	51	51	51.0	1.44	1.44	1.44	2079.59	36.8	170.3	260.0	<5	N

Summary For the Reporting Quarter (May 2018 - July 2018)	
Average	47.5
Minimum	18.9
Maximun	77.3

24-Hour TSP Monitoring Result at Station: SR77 (May 2018 - July 2018)



Appendix E

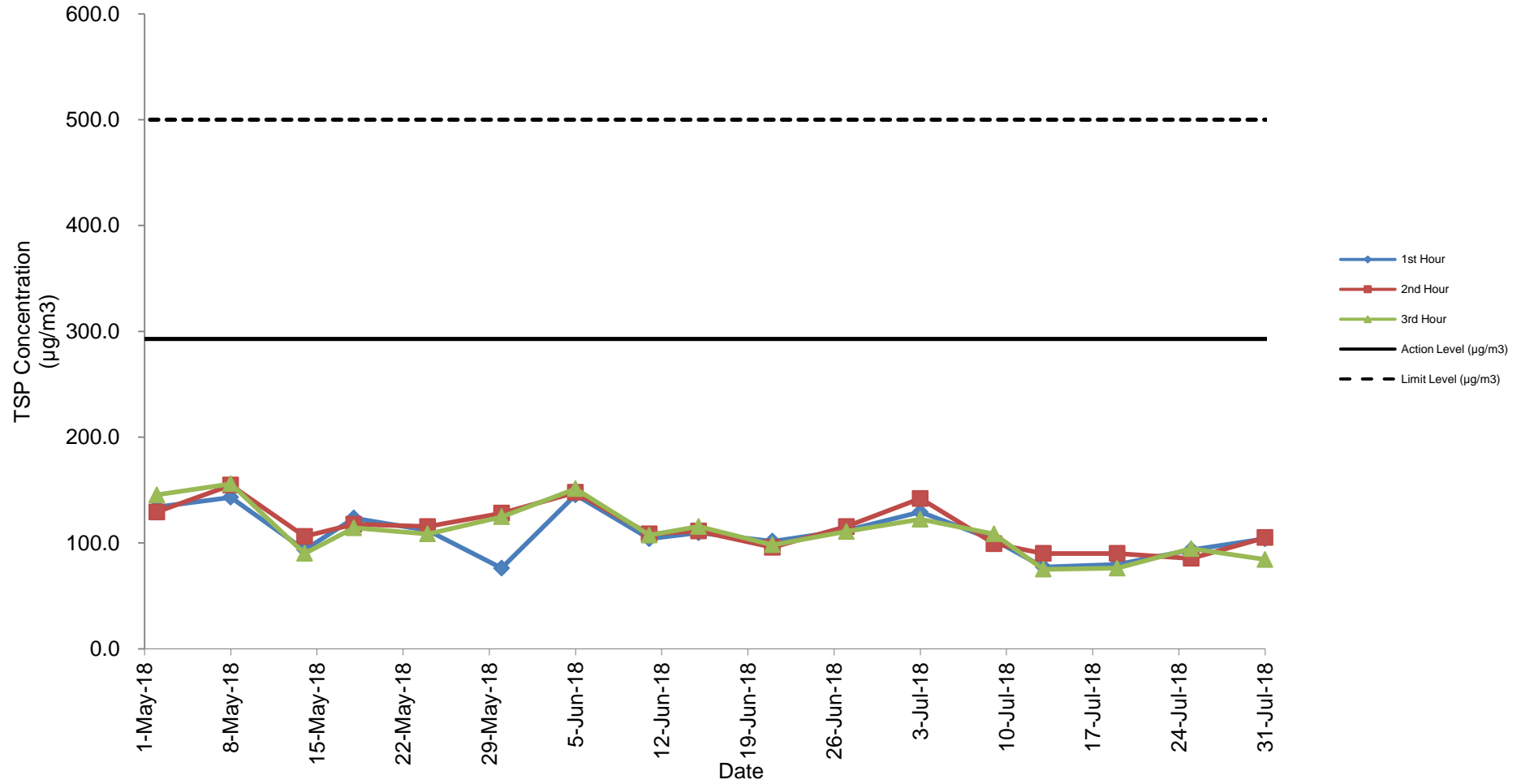
Air Quality Monitoring Results and their Graphical Presentation

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		
2-May-18	Sunny	9:00	-	12:08	133.9	129.3	145.4	292.7	500.0
8-May-18	Cloudy	9:00	-	12:07	143.1	154.6	155.8	292.7	500.0
14-May-18	Sunny	9:00	-	12:09	93.5	106.2	90.0	292.7	500.0
18-May-18	Sunny	9:00	-	12:07	123.5	117.7	114.3	292.7	500.0
24-May-18	Sunny	9:00	-	12:08	111.9	115.4	108.5	292.7	500.0
30-May-18	Sunny	9:00	-	12:09	76.2	128.1	124.6	292.7	500.0
5-Jun-18	Rainy	9:00	-	12:08	145.4	147.7	151.2	292.7	500.0
11-Jun-18	Sunny	9:00	-	12:09	103.9	108.5	107.3	292.7	500.0
15-Jun-18	Fine	9:00	-	12:08	109.6	111.1	115.4	292.7	500.0
21-Jun-18	Fine	9:00	-	12:08	101.6	95.8	98.1	292.7	500.0
27-Jun-18	Fine	9:00	-	12:08	111.9	115.4	110.8	292.7	500.0
3-Jul-18	Rainy	9:00	-	12:08	129.3	142.0	122.3	292.7	500.0
9-Jul-18	Fine	9:00	-	12:07	102.7	99.3	108.5	292.7	500.0
13-Jul-18	Rainy	9:00	-	12:08	77.3	90.0	75.0	292.7	500.0
19-Jul-18	Cloudy	9:00	-	12:08	79.6	90.0	76.2	292.7	500.0
25-Jul-18	Fine	9:00	-	12:08	93.5	85.4	94.6	292.7	500.0
31-Jul-18	Fine	9:00	-	12:08	103.9	105.0	84.2	292.7	500.0

Summary For the Reporting Quarter (May 2018 - July 2018)	
Average	111.1
Minimum	75.0
Maximum	155.8

1-Hour TSP Monitoring Result at station: SR77 (May 2018 - July 2018)



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)				
2018-05-02	Sunny	11:15	11:45	78.5	62.5	69.5	-	67.8	75.0	N
2018-05-08	Cloudy	11:25	11:55	77.5	67.0	67.5	-	67.8	75.0	N
2018-05-14	Sunny	11:25	11:55	85.0	63.0	71.0	-	67.8	75.0	N
2018-05-24	Sunny	11:30	12:00	75.5	59.0	67.5	-	67.8	75.0	N
2018-05-30	Sunny	11:30	12:00	75.4	66.0	70.0	-	67.8	75.0	N
2018-06-05	Rainy	11:30	12:00	65.5	60.0	62.0	-	67.8	75.0	N
2018-06-11	Sunny	11:30	12:00	75.5	62.5	69.5	-	67.8	75.0	N
2018-06-21	Fine	11:30	12:00	75.0	64.5	68.5	-	67.8	75.0	N
2018-06-27	Fine	11:30	12:00	80.5	63.5	72.0	-	67.8	75.0	N
2018-07-03	Rainy	11:15	11:45	71.5	66.5	69.5	-	67.8	75.0	N
2018-07-09	Fine	11:15	11:45	69.5	67.5	68.5	-	67.8	75.0	N
2018-07-19	Cloudy	11:15	11:45	74.5	65.5	69.5	-	67.8	75.0	N
2018-07-25	Fine	11:15	11:45	76.0	66.0	72.0	-	67.8	75.0	N
2018-07-31	Fine	11:15	11:45	76.0	66.5	71.5	-	67.8	75.0	N

Summary For the Reporting Quarter (May 2018 - July 2018)	
Average	69.2
Minimum	62.0
Maximum	72.0

**Noise monitoring result: SR77
(May 2018 - July 2018)**

