

# Appendix E

## Environmental Monitoring Data for Air Quality and Noise

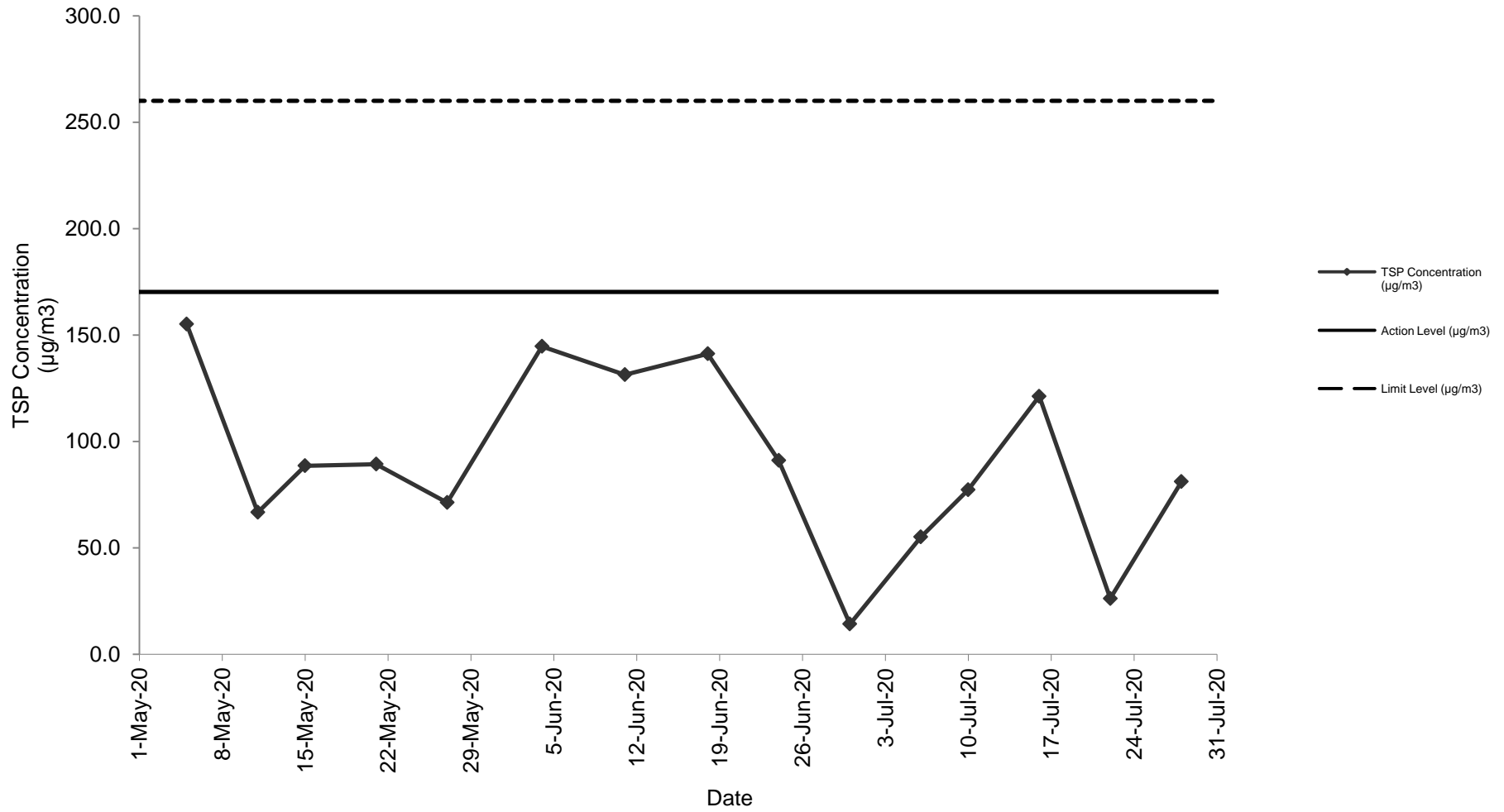
Appendix E  
Air Quality Monitoring Results and their Graphical Presentation

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 <sup>3</sup> /min)			Total Volume (m <sup>3</sup> )	TSP Concentration (µg/m <sup>3</sup> )	Action Level (µg/m <sup>3</sup> )	Limit Level (µg/m <sup>3</sup> )	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-May-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	155.1	170.3	260.0	<5	N
11-May-20	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	66.7	170.3	260.0	<5	N
15-May-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	88.6	170.3	260.0	<5	N
21-May-20	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	89.3	170.3	260.0	<5	N
27-May-20	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	71.3	170.3	260.0	<5	N
4-Jun-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	144.7	170.3	260.0	<5	N
11-Jun-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	131.4	170.3	260.0	<5	N
18-Jun-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	141.2	170.3	260.0	<5	N
24-Jun-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	91.1	170.3	260.0	<5	N
30-Jun-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	14.3	170.3	260.0	<5	N
6-Jul-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	55.1	170.3	260.0	<5	N
10-Jul-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	77.4	170.3	260.0	<5	N
16-Jul-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	121.2	170.3	260.0	<5	N
22-Jul-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	26.3	170.3	260.0	<5	N
28-Jul-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	81.2	170.3	260.0	<5	N

Summary For the Reporting Quarter (May 2020 - July 2020)	
Average	90.3
Minimum	14.3
Maximun	155.1

### 24-Hour TSP Monitoring Result at Station: SR77 (May 2020 - July 2020)



**Appendix E**

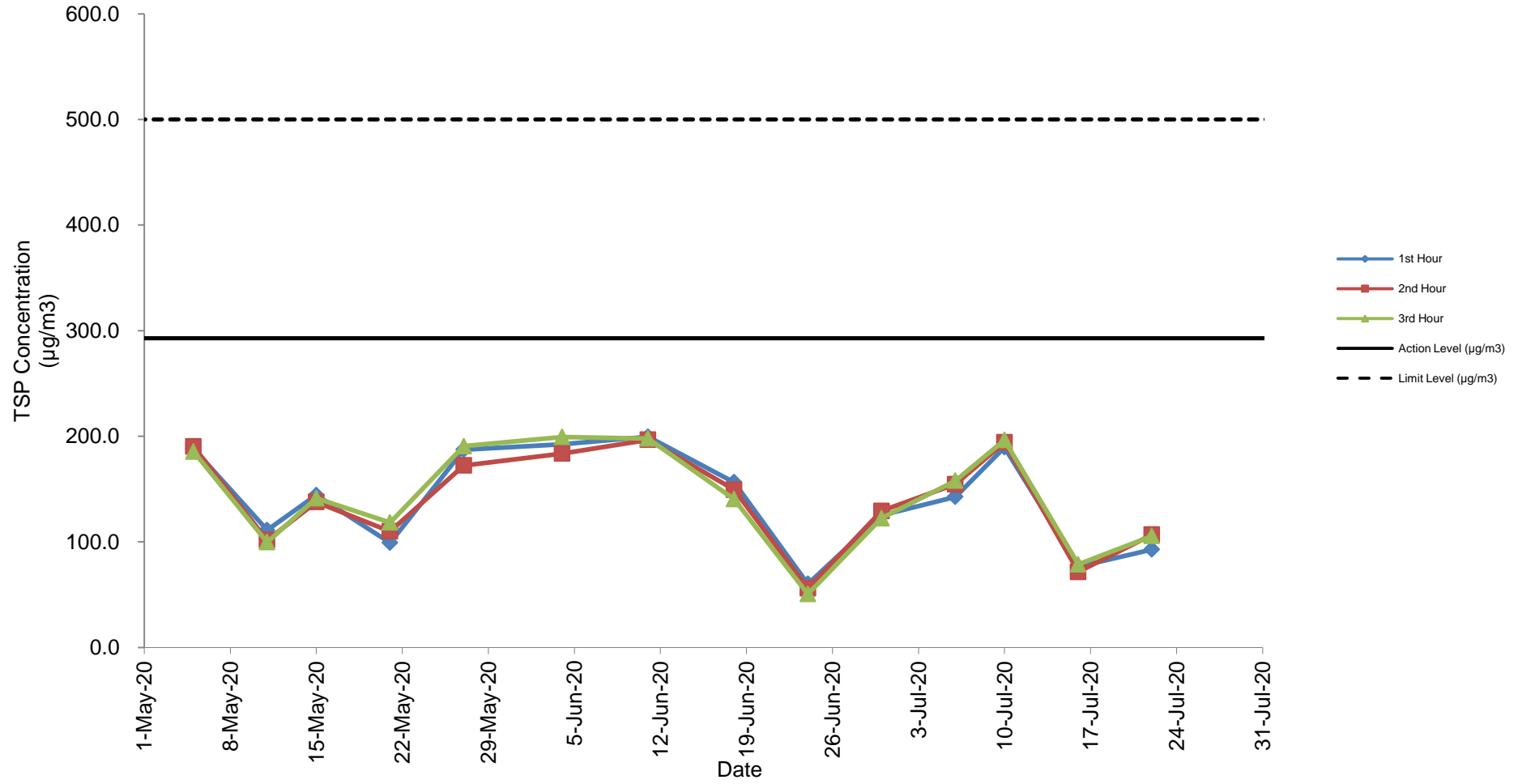
**Air Quality Monitoring Results and their Graphical Presentation**

**1-Hour TSP Monitoring Result at Station: SR77**

Date	Weather Condition	Time			Conc.(µg/m <sup>3</sup> )			Action Level (µg/m <sup>3</sup> )	Limit Level (µg/m <sup>3</sup> )
					1 <sup>st</sup> Hour	2 <sup>nd</sup> Hour	3 <sup>rd</sup> Hour		
5-May-20	Fine	10:45	-	13:15	188.1	190.2	185.5	292.7	500.0
11-May-20	Cloudy	10:45	-	13:45	111.1	101.6	99.6	292.7	500.0
15-May-20	Fine	10:30	-	13:15	149.3	132.6	145.7	292.7	500.0
21-May-20	Cloudy	10:20	-	13:45	144.2	137.6	141.3	292.7	500.0
27-May-20	Cloudy	10:30	-	13:15	99.1	109.9	118.3	292.7	500.0
4-Jun-20	Fine	10:30	-	13:30	187.3	172.3	190.6	292.7	500.0
11-Jun-20	Fine	10:00	-	13:00	192.4	183.6	199.3	292.7	500.0
18-Jun-20	Fine	10:45	-	13:45	199.4	196.6	197.8	292.7	500.0
24-Jun-20	Fine	10:15	-	13:15	156.3	149.4	140.3	292.7	500.0
30-Jun-20	Fine	10:45	-	13:45	60.1	55.9	50.5	292.7	500.0
6-Jul-20	Fine	10:15	-	13:15	125.1	129.2	122.4	292.7	500.0
10-Jul-20	Fine	10:45	-	13:45	142.6	154.5	157.8	292.7	500.0
16-Jul-20	Fine	10:15	-	13:15	189.4	194.1	196.4	292.7	500.0
22-Jul-20	Fine	10:45	-	13:45	76.4	71.5	78.6	292.7	500.0
28-Jul-20	Fine	10:15	-	13:15	92.7	106.7	105.6	292.7	500.0

Summary For the Reporting Quarter (May 2020 - July 2020)	
Average	140.6
Minimum	50.5
Maximum	199.4

### 1-Hour TSP Monitoring Result at station: SR77 (May 2020 - July 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)				
2020-05-05	Fine	11:15	11:45	97.0	58.5	62.5	-	67.8	75.0	N
2020-05-11	Cloudy	11:15	11:45	101.0	56.5	67.5	-	67.8	75.0	N
2020-05-21	Cloudy	11:15	11:45	92.5	63.0	66.5	-	67.8	75.0	N
2020-05-27	Cloudy	11:15	11:45	102.0	60.0	64.0	-	67.8	75.0	N
2020-06-04	Fine	11:30	12:00	97.5	60.0	64.0	-	67.8	75.0	N
2020-06-11	Fine	11:00	11:30	98.5	57.5	63.0	-	67.8	75.0	N
2020-06-18	Fine	11:45	12:15	76.0	58.0	64.5	-	67.8	75.0	N
2020-06-24	Fine	11:15	11:45	78.5	59.5	65.0	-	67.8	75.0	N
2020-06-30	Fine	11:15	11:45	77.5	57.5	65.5	-	67.8	75.0	N
2020-07-06	Fine	11:15	11:45	68.0	60.0	62.5	-	67.8	75.0	N
2020-07-16	Fine	11:15	11:45	77.5	58.0	67.0	-	67.8	75.0	N
2020-07-22	Fine	11:45	12:15	75.5	64.0	66.0	-	67.8	75.0	N
2020-07-28	Fine	11:15	11:45	74.0	57.5	65.5	-	67.8	75.0	N

Summary For the Reporting Quarter (May 2020 - July 2020)	
Average	64.9
Minimum	62.5
Maximum	67.5

**Noise monitoring result: SR77  
(May 2020 - July 2020)**

