

# Appendix E Environmental Monitoring Data for Air Quality and Noise

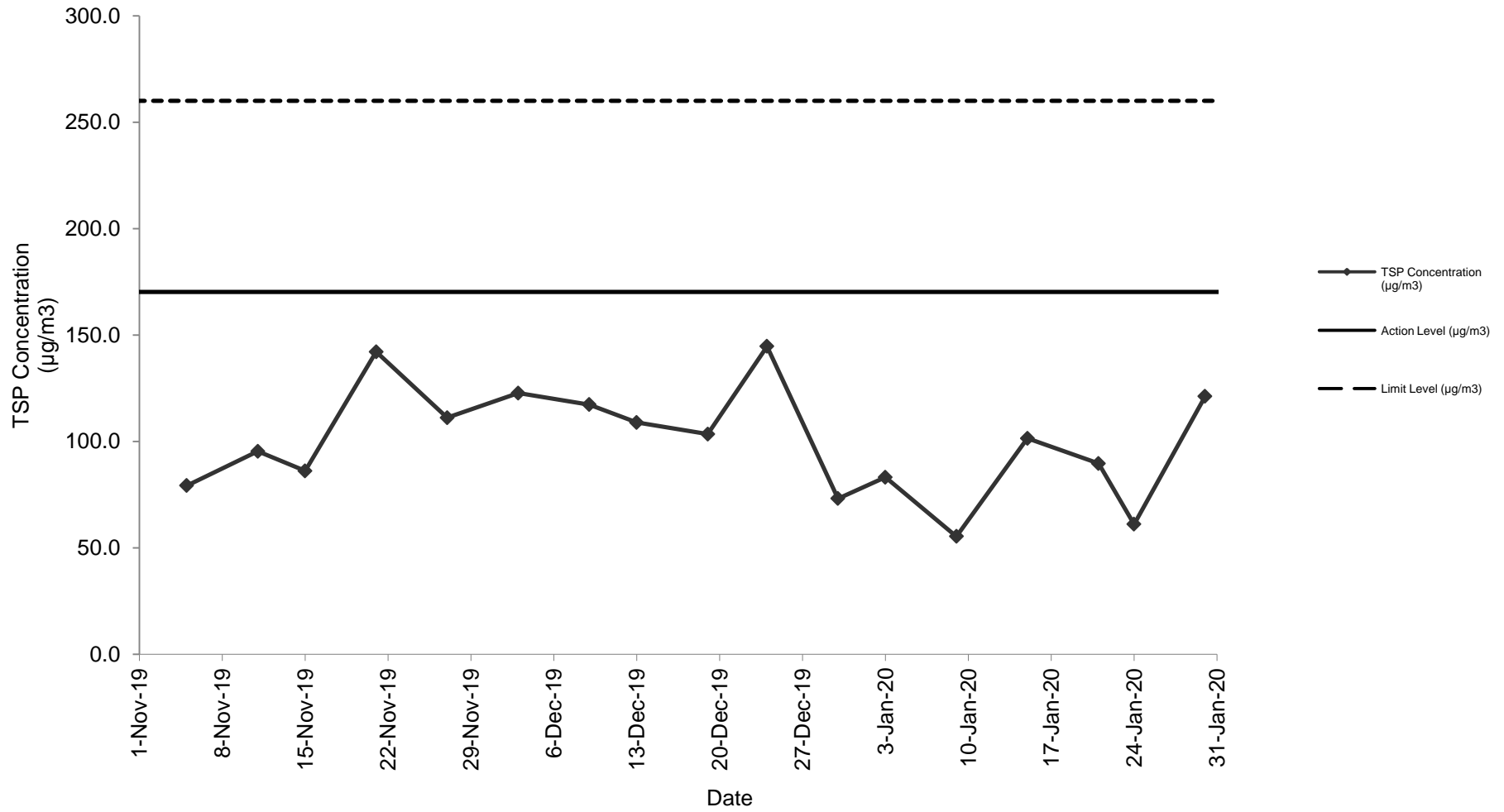
Appendix E  
Air Quality Monitoring Results and their Graphical Presentation

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-Nov-19	Sunny	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	79.3	170.3	260.0	<5	N
11-Nov-19	Sunny	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	95.4	170.3	260.0	<5	N
15-Nov-19	Sunny	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	86.2	170.3	260.0	<5	N
21-Nov-19	Sunny	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	142.1	170.3	260.0	<5	N
27-Nov-19	Sunny	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	111.2	170.3	260.0	<5	N
3-Dec-19	Sunny	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	122.7	170.3	260.0	<5	N
9-Dec-19	Sunny	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	117.3	170.3	260.0	<5	N
13-Dec-19	Sunny	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	108.9	170.3	260.0	<5	N
19-Dec-19	Cloudy	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	103.5	170.3	260.0	<5	N
24-Dec-19	Sunny	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	144.7	170.3	260.0	<5	N
30-Dec-19	Sunny	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	73.2	170.3	260.0	<5	N
3-Jan-20	Sunny	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	83.2	170.3	260.0	<5	N
9-Jan-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	55.4	170.3	260.0	<5	N
15-Jan-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	101.4	170.3	260.0	<5	N
21-Jan-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	89.7	170.3	260.0	<5	N
24-Jan-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	61.1	170.3	260.0	<5	N
30-Jan-20	Fine	-	-	-	-	-	-	24.00	-	-	-	-	-	-	-	121.2	170.3	260.0	<5	N

Summary For the Reporting Quarter (November 2019 - January 2020)	
Average	99.8
Minimum	55.4
Maximun	144.7

### 24-Hour TSP Monitoring Result at Station: SR77 (November 2019 - January 2020)



**Appendix E**

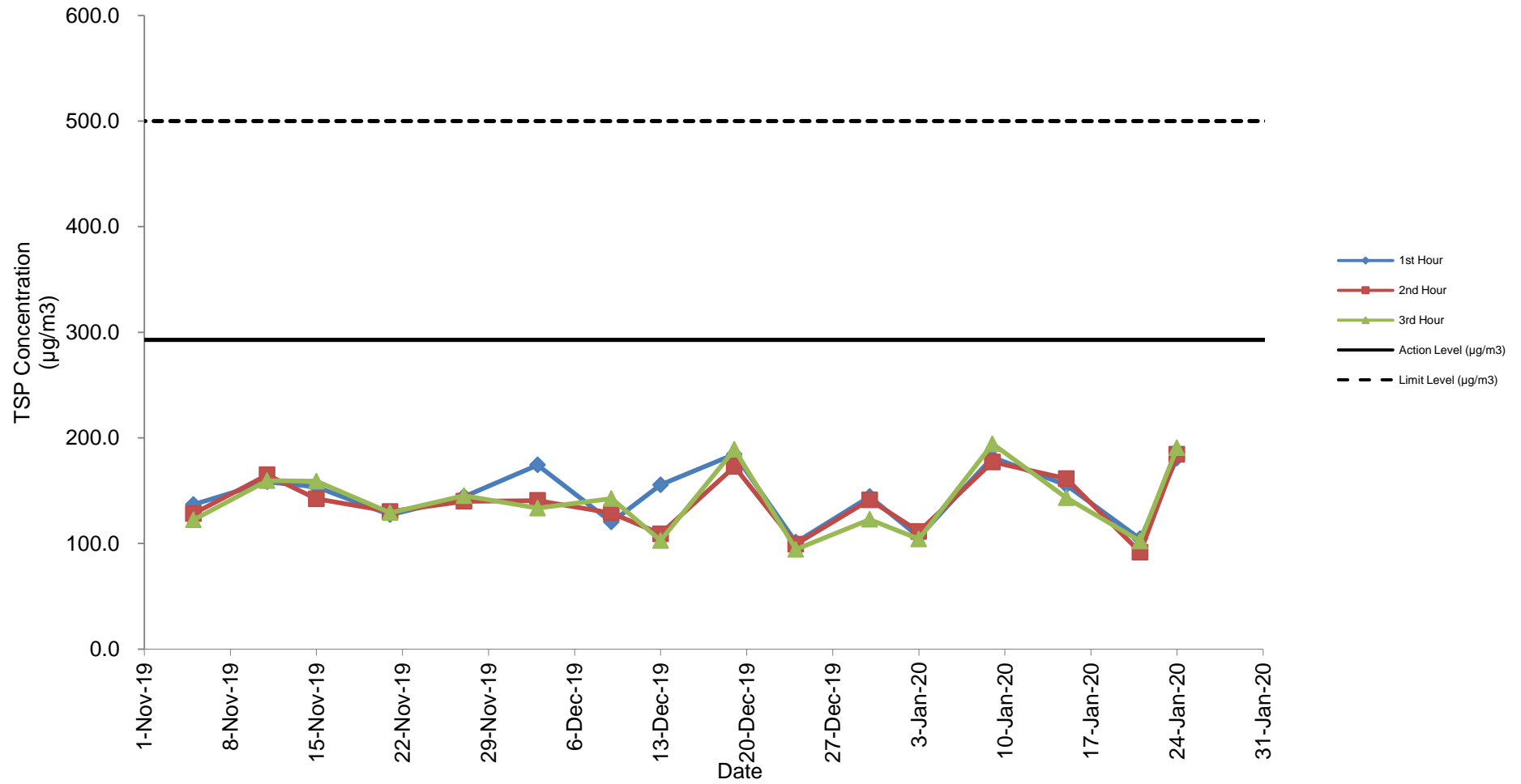
**Air Quality Monitoring Results and their Graphical Presentation**

**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-Nov-19	Sunny	9:30	-	12:30	136.8	128.2	122.4	292.7	500.0
11-Nov-19	Sunny	10:30	-	13:30	158.3	164.9	159.4	292.7	500.0
15-Nov-19	Sunny	11:00	-	13:00	137.2	162.7	154.9	292.7	500.0
21-Nov-19	Sunny	9:30	-	12:30	153.7	142.2	158.9	292.7	500.0
27-Nov-19	Sunny	10:30	-	13:30	127.1	130.2	129.1	292.7	500.0
3-Dec-19	Sunny	9:30	-	12:30	144.3	139.9	145.2	292.7	500.0
9-Dec-19	Sunny	9:30	-	12:30	174.3	140.6	133.4	292.7	500.0
13-Dec-19	Sunny	9:30	-	12:30	120.2	128.9	142.5	292.7	500.0
19-Dec-19	Cloudy	10:00	-	13:00	155.4	109.1	102.7	292.7	500.0
24-Dec-19	Sunny	9:30	-	12:30	184.4	172.8	189.0	292.7	500.0
30-Dec-19	Cloudy	9:30	-	12:30	101.1	99.3	94.4	292.7	500.0
3-Jan-20	Sunny	10:00	-	13:00	144.3	141.3	122.7	292.7	500.0
9-Jan-20	Fine	10:15	-	13:15	106.2	111.3	104.2	292.7	500.0
15-Jan-20	Fine	11:00	-	14:00	181.6	177.1	194.3	292.7	500.0
21-Jan-20	Fine	10:30	-	13:30	155.2	161.4	143.2	292.7	500.0
24-Jan-20	Fine	10:30	-	13:30	104.2	91.7	102.2	292.7	500.0
30-Jan-20	Fine	10:00	-	13:00	180.6	184.3	190.5	292.7	500.0

Summary For the Reporting Quarter (November 2019 - January 2020)	
Average	142.0
Minimum	91.7
Maximum	194.3

### 1-Hour TSP Monitoring Result at station: SR77 (November 2019 - January 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)				
2019-11-05	Sunny	11:15	11:45	88.5	55.5	62.5	-	67.8	75.0	N
2019-11-11	Sunny	11:15	11:45	93.5	56.0	63.5	-	67.8	75.0	N
2019-11-21	Sunny	11:15	11:45	101.5	58.5	64.0	-	67.8	75.0	N
2019-11-27	Sunny	11:15	11:45	87.0	59.0	62.5	-	67.8	75.0	N
2019-12-03	Sunny	11:15	11:45	77.0	58.0	65.5	-	67.8	75.0	N
2019-12-09	Sunny	11:15	11:45	76.0	55.5	63.5	-	67.8	75.0	N
2019-12-19	Cloudy	11:15	11:45	75.0	54.5	63.5	-	67.8	75.0	N
2019-12-24	Sunny	11:15	11:45	80.5	55.5	64.5	-	67.8	75.0	N
2019-12-30	Cloudy	11:15	11:45	79.5	55.0	65.5	-	67.8	75.0	N
2020-01-09	Cloudy	11:00	11:30	81.0	57.0	64.5	-	67.8	75.0	N
2020-01-15	Fine	11:15	11:45	79.5	54.5	63.0	-	67.8	75.0	N
2020-01-21	Fine	11:30	12:00	78.5	54.0	64.0	-	67.8	75.0	N
2020-01-24	Fine	11:15	11:45	97.5	55.5	64.0	-	67.8	75.0	N
2020-01-30	Fine	11:15	11:45	101.0	56.0	62.5	-	67.8	75.0	N

Summary For the Reporting Quarter (November 2019 - January 2020)	
Average	63.8
Minimum	62.5
Maximum	65.5

**Noise monitoring result: SR77  
(November 2019 - January 2020)**

