

Appendix F - 24-hour TSP Monitoring Results

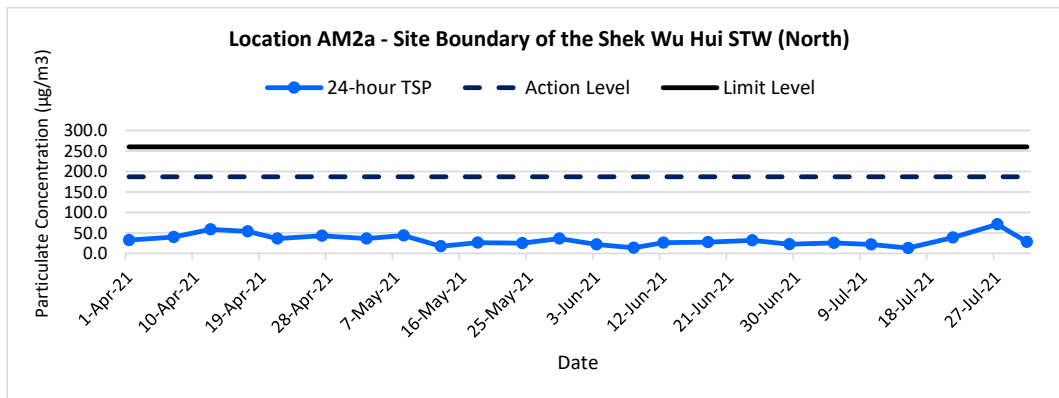
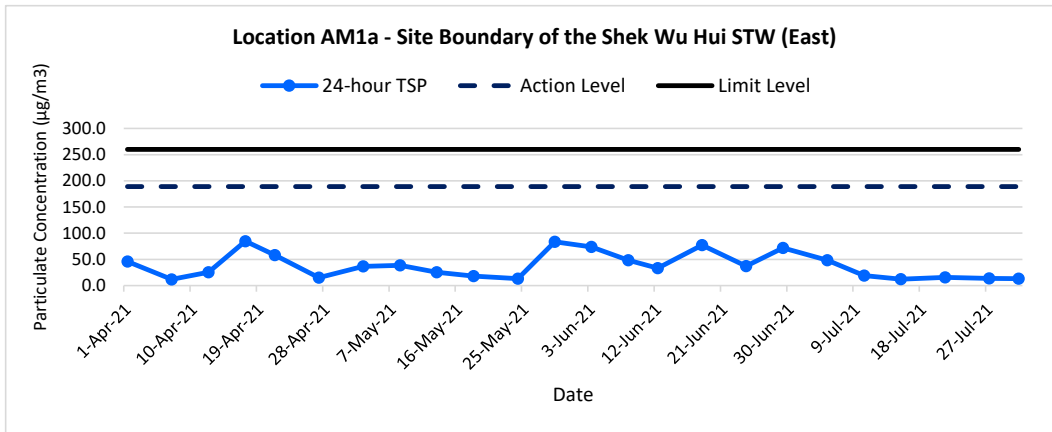
Location AM1a - Site Boundary of the Shek Wu Hui STW (East)

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final			
5-Jul-21	Sunny	302.8	756.2	3.6509	3.7354	0.0845	10508.8	10532.8	24.0	1.21	1.21	1.21	1736.4	48.7
10-Jul-21	Cloudy	303.6	759.1	3.6705	3.7039	0.0334	10532.8	10556.8	24.0	1.22	1.22	1.22	1755.1	19.1
15-Jul-21	Sunny	303.5	757.5	3.7545	3.7763	0.0218	10556.8	10580.8	24.0	1.22	1.22	1.22	1753.7	12.4
21-Jul-21	Sunny	301.1	752.5	3.7148	3.7427	0.0278	10580.8	10604.8	24.0	1.22	1.22	1.22	1754.7	15.9
27-Jul-21	Sunny	304.1	748.8	3.7320	3.7559	0.0239	10604.8	10628.8	24.0	1.21	1.21	1.21	1743.1	13.7
31-Jul-21	Sunny	302.6	750.5	3.6582	3.6816	0.0234	10628.8	10652.8	24.0	1.21	1.21	1.21	1748.8	13.4
													Min	12.4
													Max	48.7
													Average	20.5

Location AM2a - Site Boundary of the Shek Wu Hui STW (North)

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final			
5-Jul-21	Sunny	302.8	756.2	3.6890	3.7330	0.0441	20727.3	20751.3	24.0	1.21	1.21	1.21	1736.4	25.4
10-Jul-21	Cloudy	303.6	759.1	3.6648	3.7034	0.0386	20751.3	20775.3	24.0	1.22	1.22	1.22	1753.1	22.0
15-Jul-21	Sunny	303.5	757.5	3.6915	3.7146	0.0231	20775.3	20799.3	24.0	1.22	1.22	1.22	1751.9	13.2
21-Jul-21	Sunny	301.1	752.5	3.7055	3.7735	0.0680	20799.3	20823.3	24.0	1.22	1.21	1.22	1752.8	38.8
27-Jul-21	Sunny	304.1	748.8	3.6974	3.8210	0.1236	20823.3	20847.3	24.0	1.21	1.21	1.21	1742.0	71.0
31-Jul-21	Sunny	302.6	750.5	3.6289	3.6784	0.0495	20847.3	20871.3	24.0	1.21	1.21	1.21	1747.3	28.3
													Min	13.2
													Max	71.0
													Average	33.1

24-hr TSP Concentration Levels



Title Shek Wu Hui Effluent Polishing Plant - Main Works Stage 1	Date Jul 2021	Project No. MA19019	
Graphical Presentation of 24-hour TSP Monitoring Results		Appendix F	