

Appendix F - 24-hour TSP Impact Monitoring Results

Location KTD1a - Centre of Excellence in Paediatrics (Children's Hospital)

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)
				Initial	Final			Initial	Final					
17-Mar-20	Fine	293.3	764.1	2.6971	2.8553	0.1582	24.0	1.53	1.51	1.52	2192.0	72	177.0	260.0
23-Mar-20	Fine	297.6	760.7	2.7390	2.9099	0.1709	24.0	1.51	1.51	1.51	2180.1	78		
28-Mar-20	Fine	295.8	760.0	2.7250	2.8403	0.1153	24.0	1.37	1.37	1.37	1973.3	58		
											Min	58.0		
												Max	78.0	
												Average	69.3	

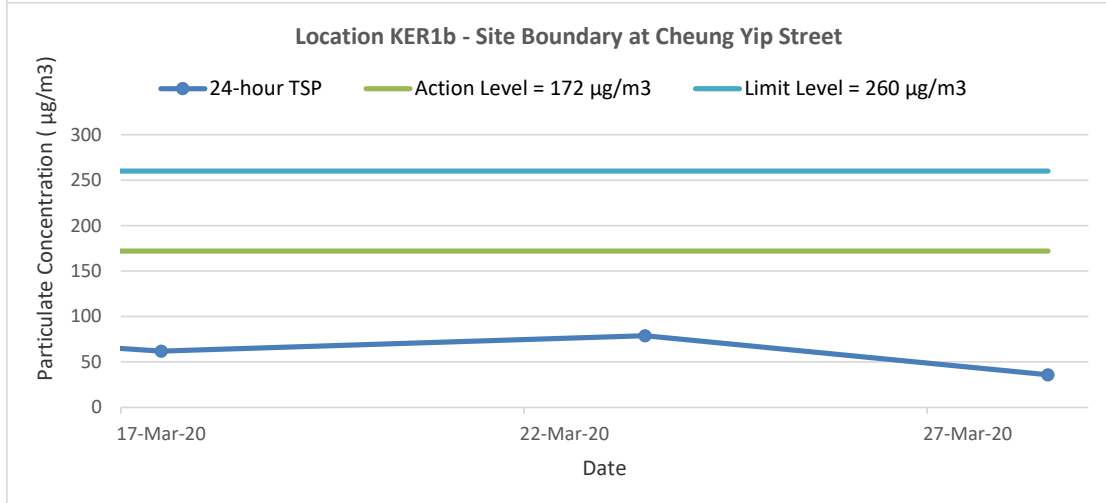
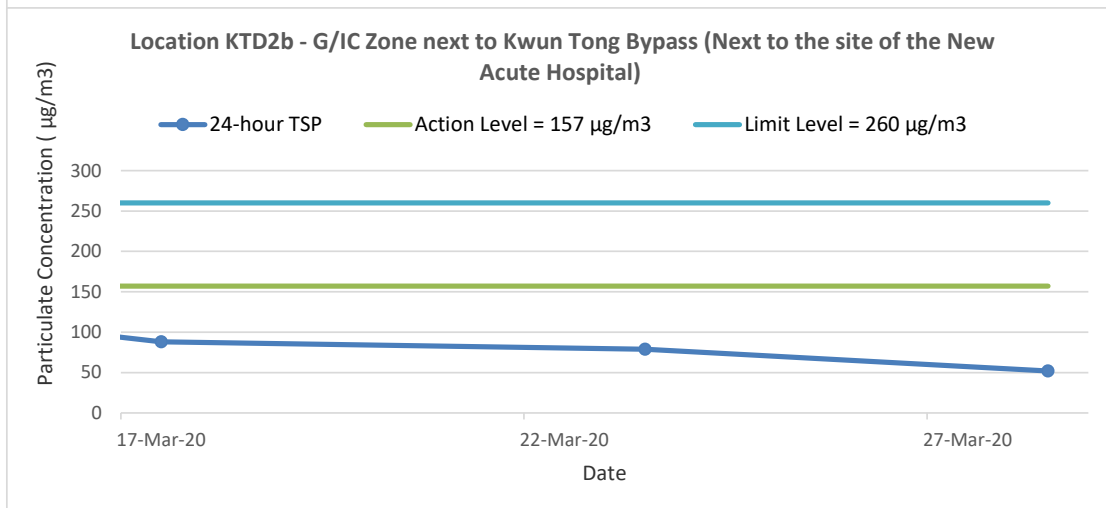
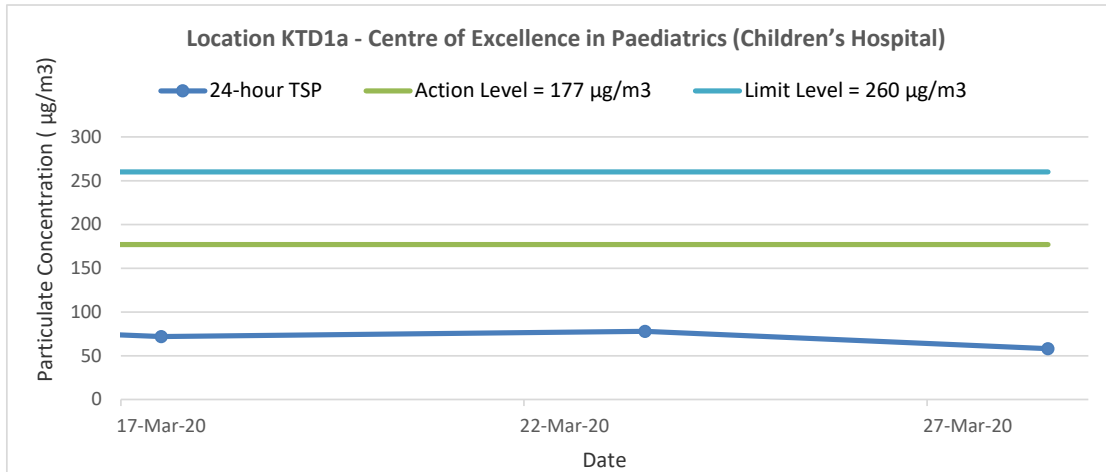
Location KTD2b - G/IC Zone next to Kwun Tong Bypass (Next to the site of the New Acute Hospital)

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)
				Initial	Final			Initial	Final					
17-Mar-20	Fine	293.3	764.1	2.7104	2.9195	0.2091	24.0	1.58	1.71	1.65	2372.6	88	157.0	260.0
23-Mar-20	Fine	297.6	760.7	2.7071	2.8595	0.1524	24.0	1.34	1.34	1.34	1931.3	79		
28-Mar-20	Fine	295.8	760.0	2.7055	2.8023	0.0968	24.0	1.29	1.29	1.29	1858.7	52		
											Min	52.0		
												Max	88.0	
												Average	73.0	

Location KER1b - Site Boundary at Cheung Yip Street

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)
				Initial	Final			Initial	Final					
17-Mar-20	Fine	293.3	764.1	2.7202	2.8470	0.1268	24.0	1.46	1.38	1.42	2041.2	62	172.0	260.0
23-Mar-20	Fine	297.6	760.7	2.6830	2.8585	0.1755	24.0	1.51	1.58	1.54	2224.7	79		
28-Mar-20	Fine	295.8	760.0	2.7025	2.7707	0.0682	24.0	1.29	1.37	1.33	1915.9	36		
											Min	36.0		
												Max	79.0	
												Average	59.0	

24-hr TSP Concentration Levels



Title	Contract No. ED/2018/04 - Trunk Road T2 and Infrastructure Works For Developments at the Former South Apron	Date	Mar-20	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	