

24-hour TSP Monitoring Result for Kai Tak Development - Stage 3 Infrastructure Works for Developments at the Southern Part of the Former Runway

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

Start Date	Weather Condition	Air Temperature (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time(hrs)	Flow Rate (m³/min.)		Average flow (m³/min.)	Total volume (m³)	Conc. (ug/m³)	Action Level (ug/m³)	Limit Level (ug/m³)
				Initial	Final			Initial	Final					
5-Mar-20	Fine	291.2	764.6	2.6944	2.7971	0.1027	24	1.31	1.29	1.30	1870.9	55	177	260
11-Mar-20	Fine	292.2	763.3	2.7276	2.9429	0.2153	24	1.61	1.59	1.60	2302.2	94		
17-Mar-20	Fine	293.3	764.1	2.6971	2.8553	0.1582	24	1.53	1.51	1.52	2192.0	72		
23-Mar-20	Fine	297.6	760.7	2.7390	2.9099	0.1709	24	1.51	1.51	1.51	2180.1	78		
28-Mar-20	Fine	295.8	760.0	2.7250	2.8403	0.1153	24	1.37	1.37	1.37	1973.3	58		
											Min	55		
											Max	94		
											Average	71		

KTD 2b: G/IC Zone next to Kwun Tong Bypass (Next to the site of the New Acute Hospital)

Start Date	Weather Condition	Air Temperature (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time(hrs)	Flow Rate (m³/min.)		Average flow (m³/min.)	Total volume (m³)	Conc. (ug/m³)	Action Level (ug/m³)	Limit Level (ug/m³)
				Initial	Final			Initial	Final					
5-Mar-20	Fine	291.2	764.6	2.7089	2.8287	0.1198	24	1.21	1.19	1.20	1731.5	69	157	260
11-Mar-20	Fine	292.2	763.3	2.7044	3.0827	0.3783	24	1.59	1.79	1.69	2428.0	156		
17-Mar-20	Fine	293.3	764.1	2.7104	2.9195	0.2091	24	1.58	1.71	1.65	2372.6	88		
23-Mar-20	Fine	297.6	760.7	2.7071	2.8595	0.1524	24	1.34	1.34	1.34	1931.3	79		
28-Mar-20	Fine	295.8	760.0	2.7055	2.8023	0.0968	24	1.29	1.29	1.29	1858.7	52		
											Min	52		
											Max	156		
											Average	89		

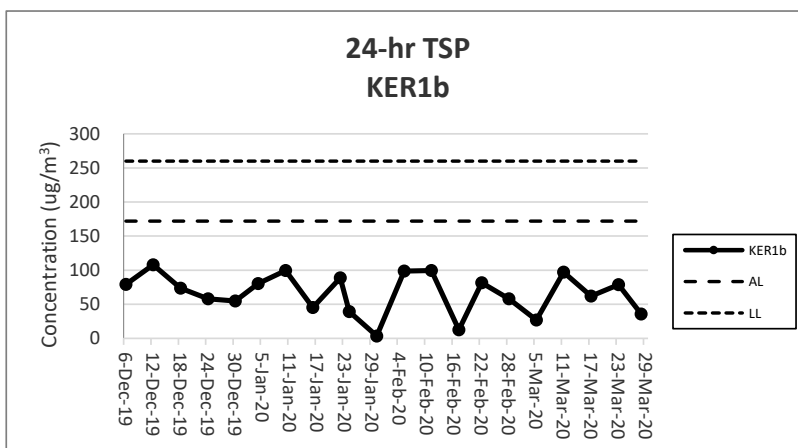
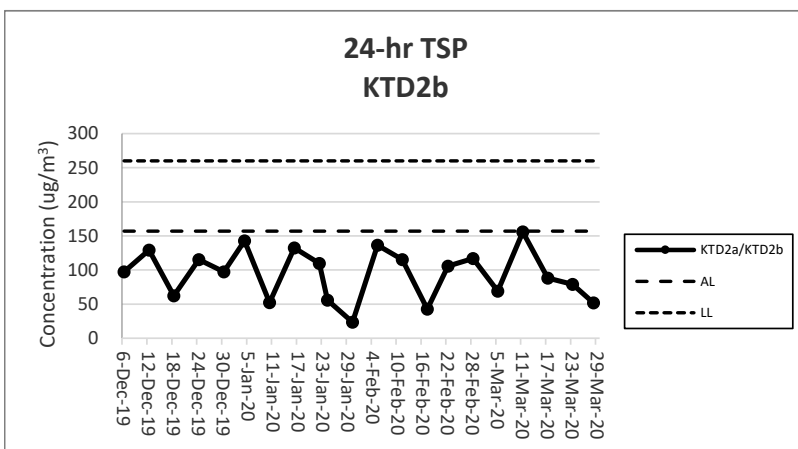
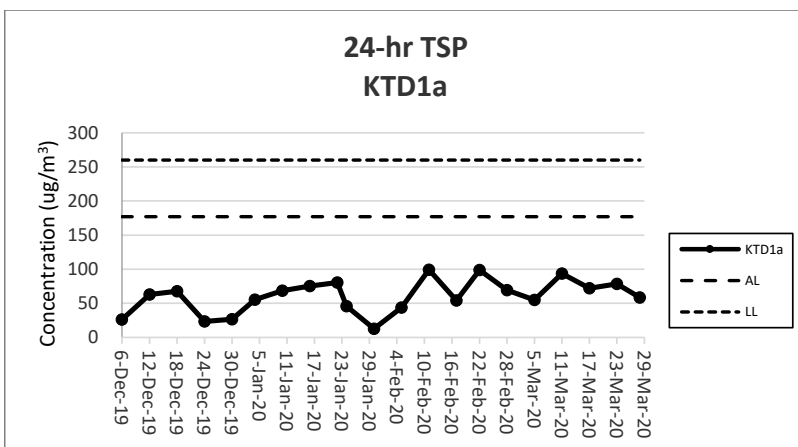
KER1b - Site Boundary at Cheung Yip Street

Start Date	Weather Condition	Air Temperature (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time(hrs)	Flow Rate (m³/min.)		Average flow (m³/min.)	Total volume (m³)	Conc. (ug/m³)	Action Level (ug/m³)	Limit Level (ug/m³)
				Initial	Final			Initial	Final					
5-Mar-20	Fine	291.2	764.6	2.7189	2.7646	0.0457	24	1.19	1.17	1.18	1702.5	27	172	260
11-Mar-20	Fine	292.2	763.3	2.7047	2.9173	0.2126	24	1.53	1.51	1.52	2189.3	97		
17-Mar-20	Fine	293.3	764.1	2.7202	2.8470	0.1268	24	1.46	1.38	1.42	2041.2	62		
23-Mar-20	Fine	297.6	760.7	2.6830	2.8585	0.1755	24	1.51	1.58	1.54	2224.7	79		
28-Mar-20	Fine	295.8	760.0	2.7025	2.7707	0.0682	24	1.29	1.37	1.33	1915.9	36		
											Min	27		
											Max	97		
											Average	60		

Note:

Underline: Exceedance of Action Level

Underline and Bold: Exceedance of Limit Level



Note:

- 1) The major activities being carried out on site during the reporting period can be referred to Section 1.3.2
- 2) The weather conditions during the reporting period can be referred to Appendix K.
- 3) Any other factors which might affect the monitoring results can be referred to Section 2.6.4.
- 4) QA/QC results, calibration results and detection limits can be referred to Appendix D.