

**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 (m ³ /min.)		Average flow (m ³ /min.)	Total volume (m ³)	Conc. (ug/m ³)	Action Level (ug/m ³)	Limit Level (ug/m ³)
				Initial	Final			Initial	Final					
5-Feb-20	Fine	290.5	765.5	2.7004	2.7823	0.0819	24	1.31	1.29	1.30	1872.8	44	177	260
11-Feb-20	Fine	290.6	765.4	2.6979	2.8839	0.1860	24	1.31	1.29	1.30	1872.6	99		
17-Feb-20	Fine	286.6	769.7	2.7353	2.8376	0.1023	24	1.33	1.29	1.31	1883.3	54		
22-Feb-20	Fine	293.1	769.3	2.7216	2.9065	0.1849	24	1.31	1.29	1.30	1870.7	99		
28-Feb-20	Fine	293.8	763.6	2.7107	2.8400	0.1293	24	1.30	1.29	1.30	1865.3	69		
												Min		
												Max	99	
												Average	73	

KTD 2b: G/C 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 (m ³ /min.)		Average flow (m ³ /min.)	Total volume (m ³)	Conc. (ug/m ³)	Action Level (ug/m ³)	Limit Level (ug/m ³)
				Initial	Final			Initial	Final					
5-Feb-20	Fine	290.5	765.5	2.7009	3.0260	0.3251	24	1.67	1.64	1.65	2381.3	137	157	260
11-Feb-20	Fine	290.6	765.4	2.7147	2.9647	0.2500	24	1.52	1.49	1.50	2165.0	115		
17-Feb-20	Fine	286.6	769.7	2.7456	2.8203	0.0747	24	1.23	1.19	1.21	1743.8	43		
22-Feb-20	Fine	293.1	769.3	2.7347	2.9177	0.1830	24	1.21	1.19	1.20	1731.3	106		
28-Feb-20	Fine	293.8	763.6	2.7293	3.0011	0.2718	24	1.62	1.61	1.61	2325.0	117		
												Min		
												Max	137	
												Average	103	

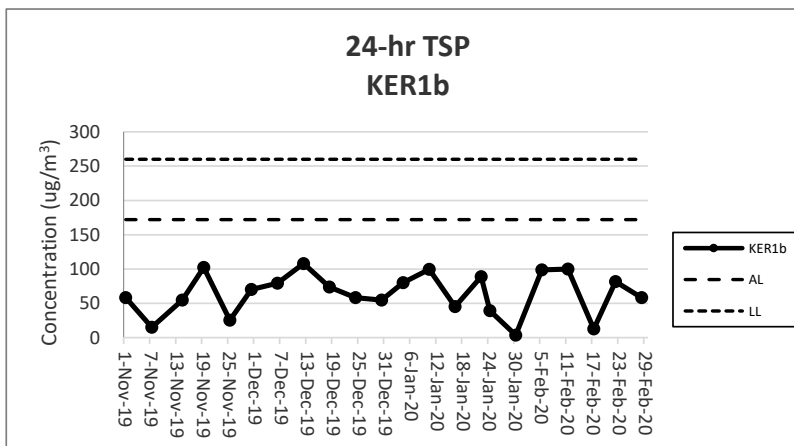
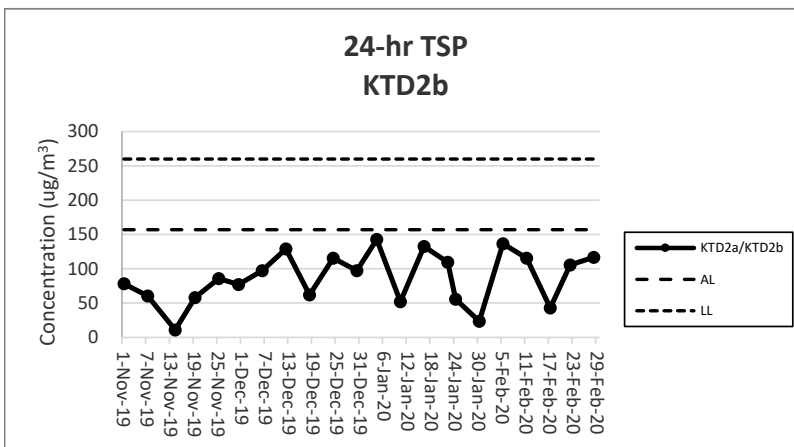
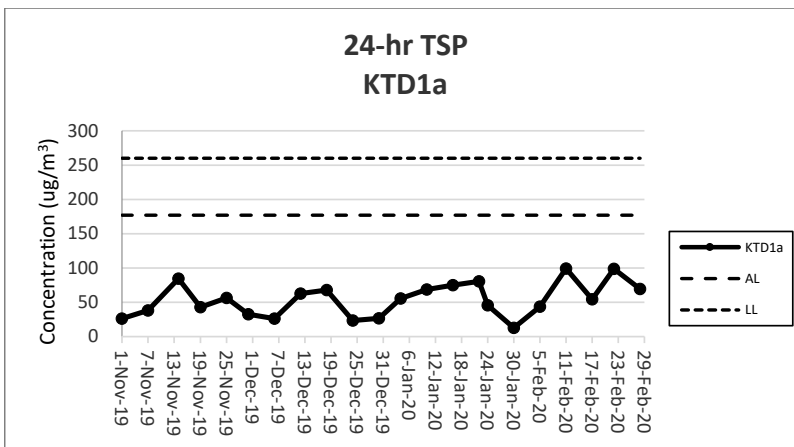
KER1b - Site Boundary at Cheung Yip Street

Start Date	Weather Condition	Air Temperature (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time(hrs)	Flow Rate (m ³ /min.)		Average flow (m ³ /min.)	Total volume (m ³)	Conc. (ug/m ³)	Action Level (ug/m ³)	Limit Level (ug/m ³)
				Initial	Final			Initial	Final					
5-Feb-20	Fine	290.5	765.5	2.6838	2.8522	0.1684	24	1.19	1.17	1.18	1704.3	99	172	260
11-Feb-20	Fine	290.6	765.4	2.7189	2.8888	0.1699	24	1.19	1.17	1.18	1704.1	100		
17-Feb-20	Fine	286.6	769.7	2.7277	2.7494	0.0217	24	1.21	1.17	1.19	1713.7	13		
22-Feb-20	Fine	293.1	769.3	2.7248	2.8640	0.1392	24	1.19	1.17	1.18	1702.4	82		
28-Feb-20	Fine	293.8	763.6	2.7117	2.8202	0.1085	24	1.30	1.29	1.30	1865.3	58		
												Min		
												Max	100	
												Average	70	

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.
- 5) Impact noise monitoring was changed to 14 November 2019 due to the traffic disturbance on 13 November 2019.