

## 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 <sup>3</sup> /min.)		Average flow (m <sup>3</sup> /min.)	Total volume (m <sup>3</sup> )	Conc. (ug/m <sup>3</sup> )	Action Level (ug/m <sup>3</sup> )	Limit Level (ug/m <sup>3</sup> )
				Initial	Final			Initial	Final					
3-Apr-20	Fine	293.4	763.0	2.7072	2.7720	0.0648	24	1.30	1.29	1.30	1865.6	35	177	260
9-Apr-20	Fine	294.6	763.2	2.7109	2.8163	0.1054	24	1.23	1.21	1.22	1755.6	60		
15-Apr-20	Fine	295.2	761.6	2.7084	3.1397	0.4313	24	1.68	1.71	1.70	2445.2	176		
21-Apr-20	Fine	299.7	759.4	2.6941	2.8711	0.1770	24	1.51	1.52	1.52	2184.2	81		
27-Apr-20	Fine	297.4	762.9	2.6874	2.8929	0.2055	24	1.45	1.52	1.48	2137.0	96		
												35		
												176		
												90		

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

### KTD 2c: G/IC Zone next to Kwun Tong Bypass (Next to the Kowloon Bay Sewage Interception Station)

Start Date	Weather Condition	Air Temperature (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time(hrs)	Flow Rate (m <sup>3</sup> /min.)		Average flow (m <sup>3</sup> /min.)	Total volume (m <sup>3</sup> )	Conc. (ug/m <sup>3</sup> )	Action Level (ug/m <sup>3</sup> )	Limit Level (ug/m <sup>3</sup> )
				Initial	Final			Initial	Final					
3-Apr-20	Fine	293.4	763.0	2.6935	2.7427	0.0492	24	1.36	1.34	1.35	1941.5	25	157	260
9-Apr-20	Fine	294.6	763.2	2.7177	2.8480	0.1303	24	1.21	1.20	1.21	1737.6	75		
15-Apr-20	Fine	295.2	761.6	2.6804	2.9189	0.2385	24	1.21	1.20	1.20	1735.0	137		
21-Apr-20	Fine	299.7	759.4	2.7052	2.8400	0.1348	24	1.43	1.44	1.44	2067.7	65		
27-Apr-20	Fine	297.4	762.9	2.6823	2.8858	0.2035	24	1.44	1.44	1.44	2076.6	98		
												25		
												137		
												80		

### KER1b - Site Boundary at Cheung Yip Street

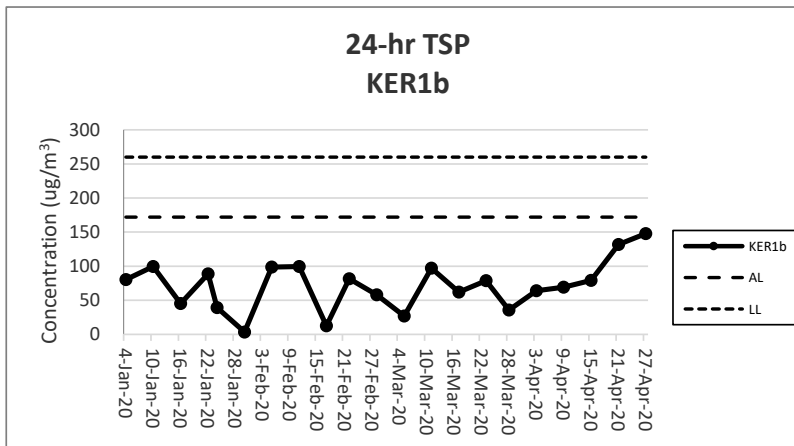
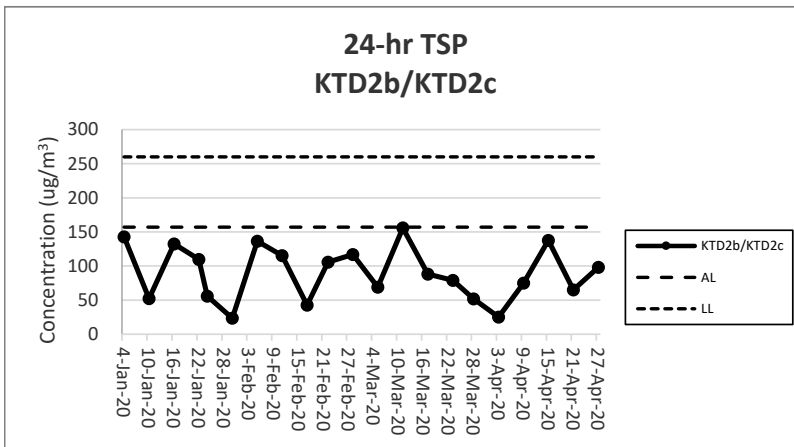
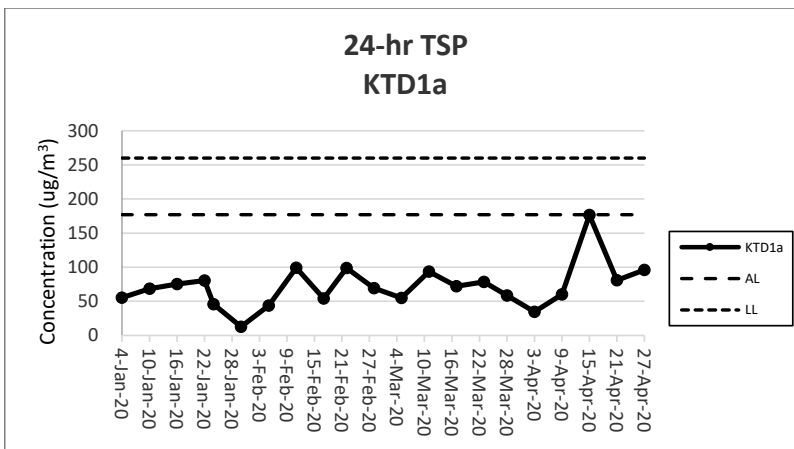
Start Date	Weather Condition	Air Temperature (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time(hrs)	Flow Rate (m <sup>3</sup> /min.)		Average flow (m <sup>3</sup> /min.)	Total volume (m <sup>3</sup> )	Conc. (ug/m <sup>3</sup> )	Action Level (ug/m <sup>3</sup> )	Limit Level (ug/m <sup>3</sup> )
				Initial	Final			Initial	Final					
3-Apr-20	Fine	293.4	763.0	2.6862	2.7948	0.1086	24	1.19	1.17	1.18	1697.8	64	172	260
9-Apr-20	Fine	294.6	763.2	2.7367	2.8540	0.1173	24	1.18	1.17	1.18	1695.9	69		
15-Apr-20	Fine	295.2	761.6	2.6905	2.8300	0.1395	24	1.18	1.17	1.18	1764.5	79		
21-Apr-20	Fine	299.7	759.4	2.6984	2.9331	0.2347	24	1.24	1.24	1.24	1782.2	132		
27-Apr-20	Fine	297.4	762.9	2.7053	2.9840	0.2787	24	1.31	1.31	1.31	1885.9	148		
												64		
												148		
												98		

Note:

Underline: Exceedance of Action Level

Underline and Bold: Exceedance of Limit Level

\*KTD 2b was relocated to KTD 2c on 8 April 2020



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) \*KTD 2b was relocated to KTD 2c on 8 April 2020