

**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						
4-Aug-18	Cloudy	302.8	753.6	2.7090	2.8909	0.1819	24	1.23	1.25	1.24	1785.0	102	177	260	
10-Aug-18	Cloudy	300.2	751.3	2.6981	2.7308	0.0327	24	1.24	1.25	1.24	1787.7	18			
16-Aug-18	Cloudy	300.8	750.1	2.6990	2.7800	0.0810	24	1.23	1.25	1.24	1786.0	45			
22-Aug-18	Fine	301.5	750.1	2.7255	2.7710	0.0455	24	1.29	1.31	1.30	1877.3	24			
28-Aug-18	Cloudy	299.3	751.8	2.7084	2.7612	0.0528	24	1.37	1.38	1.37	1974.8	27			
												Min	18		
												Max	102		
												Average	43		

**\*KTD 2a: G/IC Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1) (4 August 2018)**

**KTD 2b: G/IC Zone next to Kwun Tong Bypass (Next to the site of the New Acute Hospital) (From 10 August 2018 onward)**

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						
4-Aug-18	Cloudy	302.8	753.6	2.7004	2.7671	0.0667	24	1.33	1.35	1.34	1926.8	35	157	260	
10-Aug-18	Cloudy	300.2	751.3	2.7020	2.8354	0.1334	24	1.26	1.27	1.27	1824.8	73			
16-Aug-18	Cloudy	300.8	750.1	2.6993	2.7299	0.0306	24	1.40	1.42	1.41	2033.1	15			
22-Aug-18	Fine	301.5	750.1	2.7233	2.8010	0.0777	24	1.69	1.71	1.70	2452.0	32			
28-Aug-18	Cloudy	299.3	751.8	2.7107	2.7724	0.0617	24	1.63	1.64	1.63	2353.4	26			
												Min	15		
												Max	73		
												Average	36		

**KER1b - Site Boundary at Cheung Yip Street**

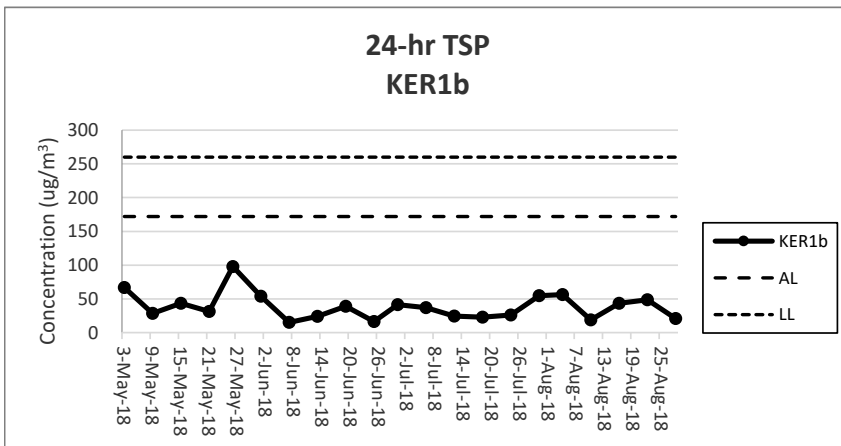
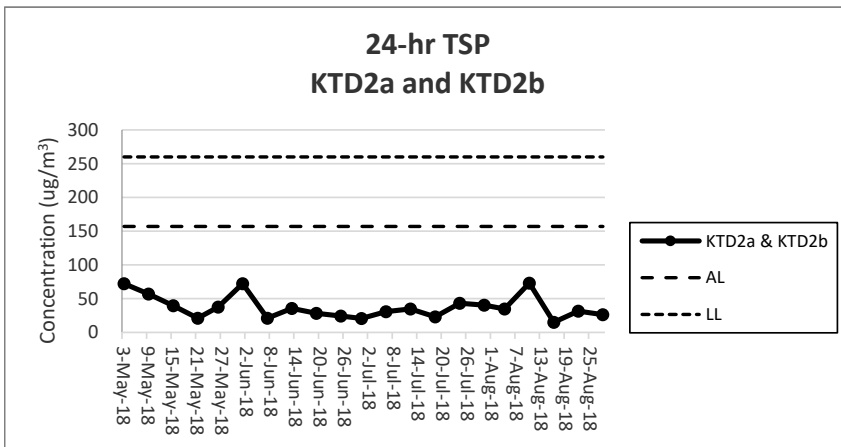
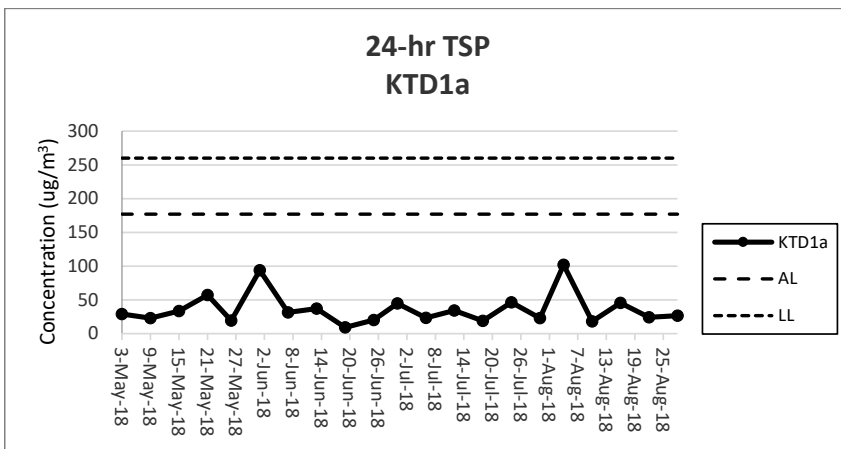
Start Date	Weather Condition	Air Temperature (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time(hrs)	Flow Rate (m <sup>3</sup> /min.)		Average flow (m <sup>3</sup> /min.)	Total volume (m <sup>3</sup> )	Conc. (ug/m <sup>3</sup> )	Action Level (ug/m <sup>3</sup> )	Limit Level (ug/m <sup>3</sup> )	
				Initial	Final			Initial	Final						
4-Aug-18	Cloudy	302.8	753.6	2.6958	2.7797	0.0839	24	1.02	1.04	1.03	1486.3	56	172	260	
10-Aug-18	Cloudy	300.2	751.3	2.6939	2.7236	0.0297	24	1.09	1.10	1.10	1577.5	19			
16-Aug-18	Cloudy	300.8	750.1	2.7155	2.7803	0.0648	24	1.03	1.04	1.03	1487.2	44			
22-Aug-18	Fine	301.5	750.1	2.7245	2.8141	0.0896	24	1.27	1.29	1.28	1840.0	49			
28-Aug-18	Cloudy	299.3	751.8	2.7135	2.7522	0.0387	24	1.28	1.29	1.28	1845.2	21			
												Min	19		
												Max	56		
												Average	38		

Note:

Underline: Exceedance of Action Level

Underline and Bold: Exceedance of Limit Level

\*KTD 2a was relocated to KTD2b on 9 August 2018



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.