

**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					
1-Aug-17	Cloudy	303.5	751.1	2.8420	2.8990	0.0570	24	1.42	1.44	1.43	2059.2	28	177	260
7-Aug-17	Sunny	303.5	754.8	2.8311	2.9172	0.0861	24	1.29	1.31	1.30	1877.1	46		
12-Aug-17	Fine	305.5	756.6	2.8346	2.8651	0.0305	24	1.48	1.51	1.49	2152.0	14		
18-Aug-17	Fine	303.4	757.8	2.5834	2.7408	0.1574	24	1.55	1.57	1.56	2249.4	70		
24-Aug-17	Sunny	304.5	755.9	2.6171	2.7102	0.0931	24	1.29	1.31	1.30	1876.2	50		
30-Aug-17	Sunny	301.9	756.3	2.5460	2.8088	0.2628	24	1.59	1.60	1.60	2299.0	114		
												Min		
												Max	114	
												Average	54	

**KTD2a - G/IC Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)**

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					
1-Aug-17	Cloudy	303.5	751.1	2.8532	2.8907	0.0375	24	1.54	1.57	1.55	2238.4	17	157	260
7-Aug-17	Sunny	303.5	754.8	2.8218	2.8644	0.0426	24	1.40	1.42	1.41	2031.5	21		
12-Aug-17	Fine	305.5	756.6	2.8289	2.8662	0.0373	24	1.47	1.49	1.48	2133.9	17		
18-Aug-17	Fine	303.4	757.8	2.5654	2.6411	0.0757	24	1.44	1.46	1.45	2086.6	36		
24-Aug-17	Sunny	304.5	755.9	2.6272	2.6716	0.0444	24	1.62	1.64	1.63	2345.4	19		
30-Aug-17	Sunny	301.9	756.3	2.5455	2.6567	0.1112	24	1.62	1.64	1.63	2343.7	47		
												Min		
												Max	47	
												Average	26	

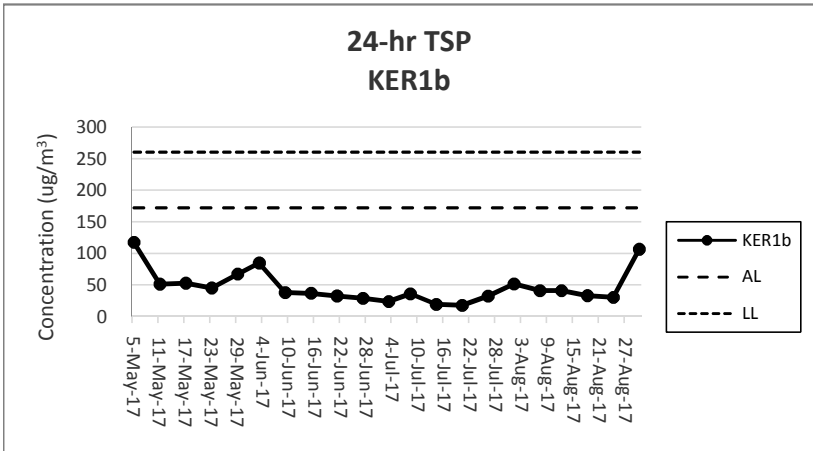
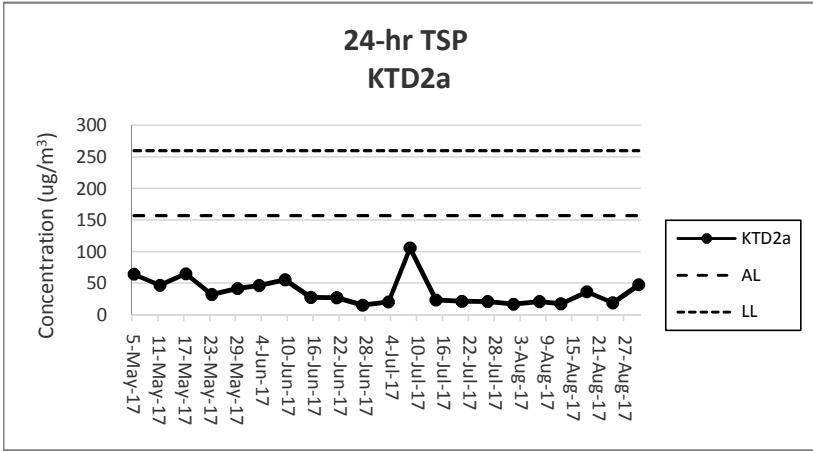
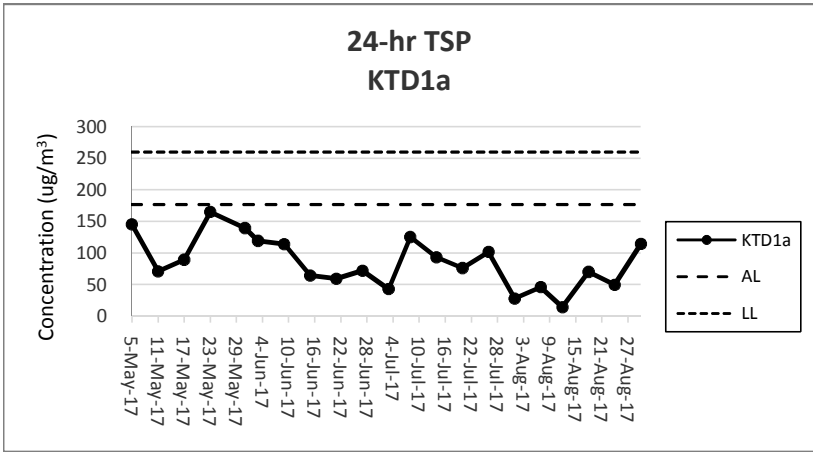
**KER1b - Site Boundary at Cheung Yip Street**

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					
1-Aug-17	Cloudy	303.5	751.1	2.8373	2.9278	0.0905	24	1.20	1.23	1.21	1748.7	52	172	260
7-Aug-17	Sunny	303.5	754.8	2.8308	2.9027	0.0719	24	1.21	1.23	1.22	1751.3	41		
12-Aug-17	Fine	305.5	756.6	2.8380	2.9169	0.0789	24	1.33	1.35	1.34	1925.8	41		
18-Aug-17	Fine	303.4	757.8	2.6053	2.6664	0.0611	24	1.27	1.29	1.28	1842.1	33		
24-Aug-17	Sunny	304.5	755.9	2.5898	2.6483	0.0585	24	1.33	1.35	1.34	1927.1	30		
30-Aug-17	Sunny	301.9	756.3	2.5624	2.7777	0.2153	24	1.40	1.41	1.40	2021.0	107		
												Min		
												Max	107	
												Average	51	

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.