

**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-Dec-17	Fine	294.2	764.2	2.5703	2.7683	0.1980	24	1.52	1.51	1.51	2179.6	91	177	260
7-Dec-17	Fine	292.4	763.7	2.6087	2.9362	0.3275	24	1.66	1.64	1.65	2370.0	138		
13-Dec-17	Cloudy	291.4	763.3	2.5584	2.9311	0.3727	24	1.66	1.64	1.65	2371.8	157		
19-Dec-17	Fine	286.6	769.2	2.5759	2.8034	0.2275	24	1.61	1.57	1.59	2293.2	99		
22-Dec-17	Fine	291.3	769.7	2.5844	2.9191	0.3347	24	1.67	1.64	1.65	2377.4	141		
28-Dec-17	Fine	290.3	764.0	2.5698	2.8088	0.2390	24	1.53	1.51	1.52	2187.3	109		
												Min	91	
												Max	157	
												Average	123	

**KTD2a - G/C 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-Dec-17	Fine	294.2	764.2	2.5608	2.6473	0.0865	24	1.66	1.64	1.65	2376.5	36	157	260
7-Dec-17	Fine	292.4	763.7	2.5492	2.7302	0.1810	24	1.59	1.57	1.58	2274.0	80		
13-Dec-17	Cloudy	291.4	763.3	2.5677	2.7311	0.1634	24	1.59	1.57	1.58	2275.9	72		
19-Dec-17	Fine	286.6	769.2	2.5643	2.7638	0.1995	24	1.54	1.49	1.52	2185.2	91		
22-Dec-17	Fine	291.3	769.7	2.5847	2.8162	0.2315	24	1.75	1.71	1.73	2495.1	93		
28-Dec-17	Fine	290.3	764.0	2.5506	2.6239	0.0733	24	1.60	1.57	1.58	2279.0	32		
												Min	32	
												Max	93	
												Average	67	

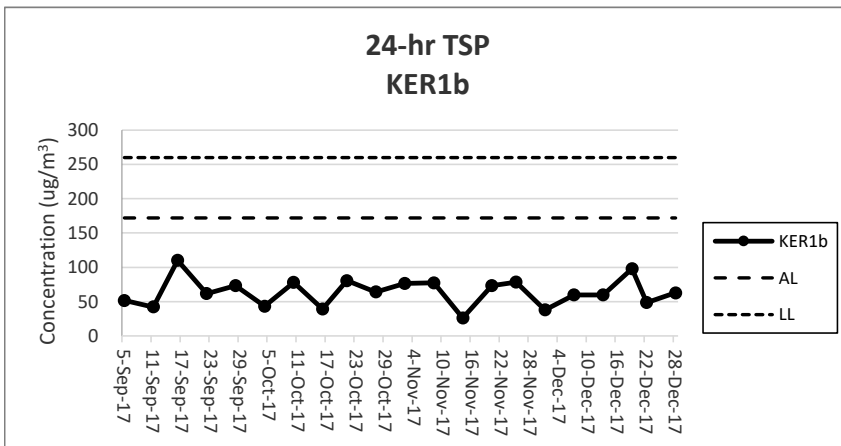
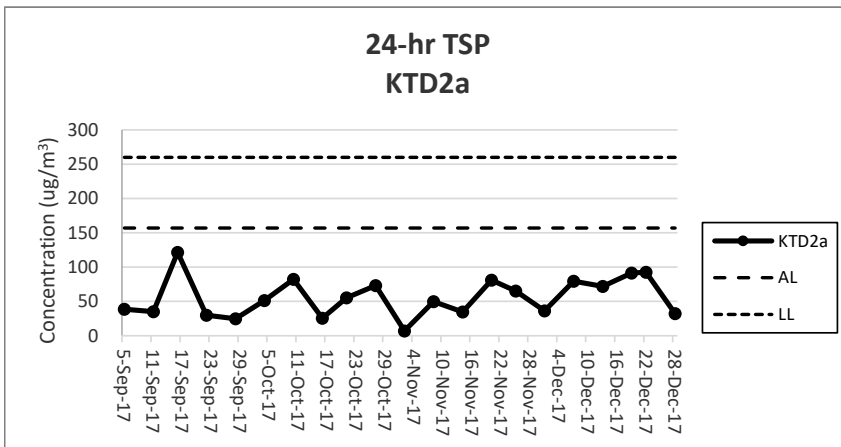
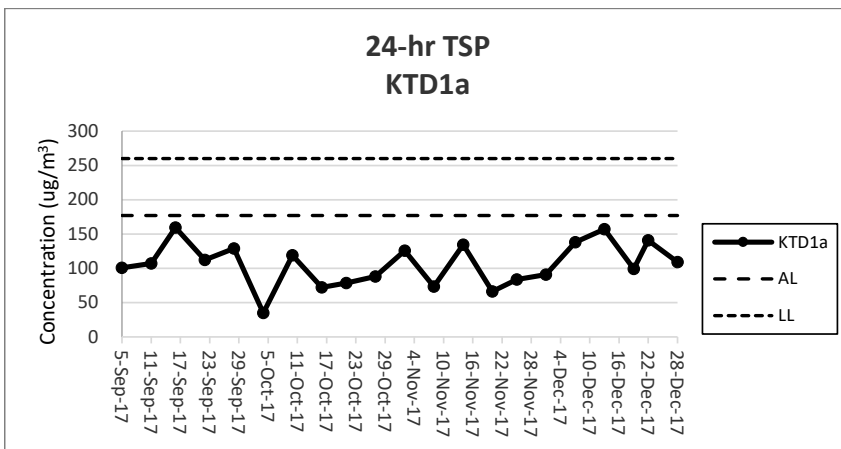
**KER1b - Site Boundary at Cheung Yip Street**

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-Dec-17	Fine	294.2	764.2	2.5827	2.6601	0.0774	24	1.43	1.41	1.42	2042.7	38	172	260
7-Dec-17	Fine	292.4	763.7	2.5710	2.6878	0.1168	24	1.37	1.35	1.36	1956.5	60		
13-Dec-17	Cloudy	291.4	763.3	2.6973	2.8034	0.1061	24	1.25	1.23	1.24	1779.0	60		
19-Dec-17	Fine	286.6	769.2	2.5975	2.7815	0.1840	24	1.33	1.29	1.31	1882.4	98		
22-Dec-17	Fine	291.3	769.7	2.5895	2.6762	0.0867	24	1.25	1.23	1.24	1783.7	49		
28-Dec-17	Fine	290.3	764.0	2.5951	2.7069	0.1118	24	1.25	1.23	1.24	1781.6	63		
												Min	38	
												Max	98	
												Average	61	

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.