

**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-Dec-18	Fine	296.6	760.6	2.6920	2.8414	0.1494	24	1.19	1.18	1.19	1706.4	88	177	260
10-Dec-18	Cloudy	290.0	764.8	2.6910	2.7924	0.1014	24	1.21	1.18	1.19	1719.6	59		
15-Dec-18	Fine	294.2	767.7	2.6929	2.7513	0.0584	24	1.20	1.18	1.19	1714.6	34		
21-Dec-18	Fine	298.0	762.1	2.6932	2.7720	0.0788	24	1.19	1.18	1.18	1705.1	46		
27-Dec-18	Cloudy	295.8	762.5	2.6937	2.7990	0.1053	24	1.19	1.18	1.19	1708.8	62		
												Min		
												Max	88	
												Average	58	

**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 <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-Dec-18	Fine	296.6	760.6	2.6796	2.9119	0.2323	24	1.43	1.42	1.42	2050.1	113	157	260
10-Dec-18	Cloudy	290.0	764.8	2.6894	2.8000	0.1106	24	1.67	1.64	1.66	2387.1	46		
15-Dec-18	Fine	294.2	767.7	2.6962	2.9816	0.2854	24	1.74	1.71	1.73	2486.0	115		
21-Dec-18	Fine	298.0	762.1	2.6880	2.9199	0.2319	24	1.64	1.64	1.64	2365.7	98		
27-Dec-18	Cloudy	295.8	762.5	2.6873	2.8927	0.2054	24	1.65	1.64	1.65	2371.2	87		
												Min		
												Max	115	
												Average	92	

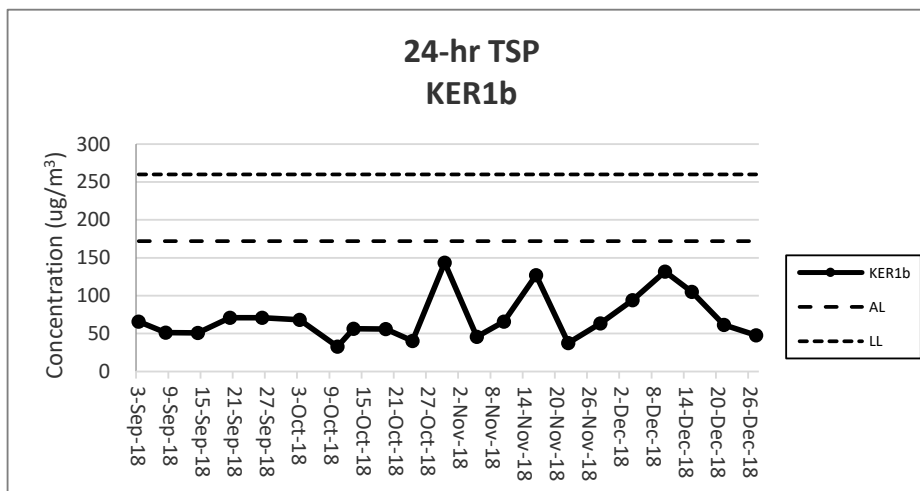
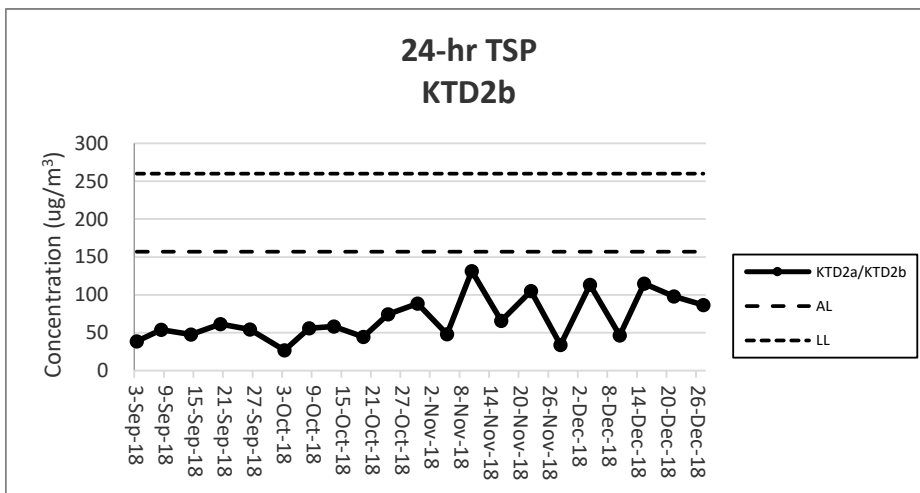
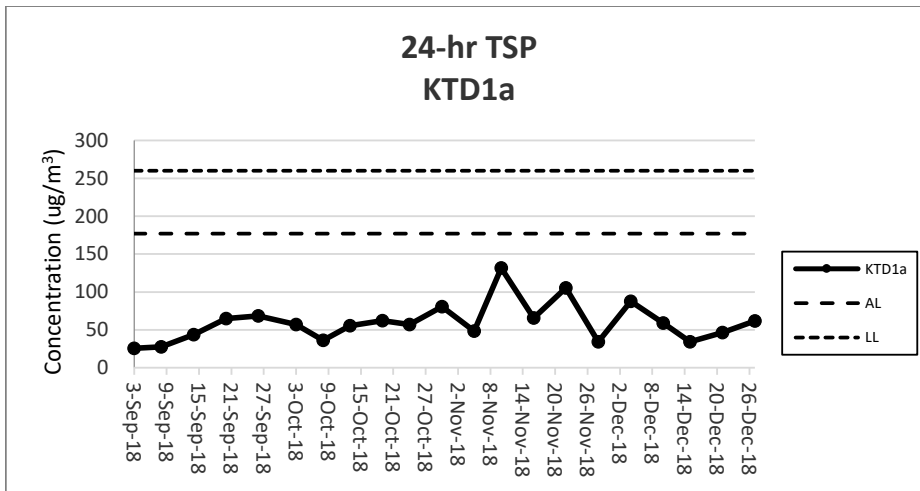
**KER1b - Site Boundary at Cheung Yip Street**

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-Dec-18	Fine	296.6	760.6	2.6983	2.8733	0.1750	24	1.29	1.29	1.29	1856.8	94	172	260
10-Dec-18	Cloudy	290.0	764.8	2.6238	2.8353	0.2115	24	1.12	1.10	1.11	1603.2	132		
15-Dec-18	Fine	294.2	767.7	2.6850	2.8438	0.1588	24	1.06	1.04	1.05	1508.4	105		
21-Dec-18	Fine	298.0	762.1	2.6817	2.7960	0.1143	24	1.29	1.29	1.29	1855.2	62		
27-Dec-18	Cloudy	295.8	762.5	2.6922	2.7854	0.0932	24	1.36	1.35	1.35	1948.9	48		
												Min		
												Max	132	
												Average	88	

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) Power supply of high volume sampler at KER1b was suspended on 8 October 2018 due to the damage of the cable, TSP monitoring was resumed at 10 October 2018.