

**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 ³ /min.)		Average flow (m ³ /min.)	Total volume (m ³)	Conc. (ug/m ³)	Action Level (ug/m ³)	Limit Level (ug/m ³)	
				Initial	Final			Initial	Final						
2-Jan-19	Fine	289.4	769.1	2.6714	2.7520	0.0806	24	1.21	1.18	1.20	1723.2	47	177	260	
8-Jan-19	Fine	293.7	766.0	2.6795	2.8059	0.1264	24	1.69	1.67	1.68	2415.9	52			
14-Jan-19	Fine	292.7	764.2	2.6801	2.7718	0.0917	24	1.69	1.67	1.68	2416.5	38			
18-Jan-19	Fine	290.1	751.6	2.6736	2.8478	0.1742	24	1.52	1.51	1.51	2178.1	80			
24-Jan-19	Fine	289.9	765.5	2.6745	2.9483	0.2738	24	1.70	1.67	1.68	2423.9	113			
30-Jan-19	Fine	292.3	765.7	2.6780	2.7784	0.1004	24	1.53	1.51	1.52	2184.5	46			
												Min	38		
												Max	113		
												Average	63		

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 ³ /min.)		Average flow (m ³ /min.)	Total volume (m ³)	Conc. (ug/m ³)	Action Level (ug/m ³)	Limit Level (ug/m ³)	
				Initial	Final			Initial	Final						
2-Jan-19	Fine	289.4	769.1	2.7063	2.8697	0.1634	24	1.46	1.57	1.51	2177.7	75	157	260	
8-Jan-19	Fine	293.7	766.0	2.6868	2.8072	0.1204	24	1.59	1.57	1.58	2273.0	53			
14-Jan-19	Fine	292.7	764.2	2.6939	2.9036	0.2097	24	1.74	1.71	1.73	2486.4	84			
18-Jan-19	Fine	290.1	751.6	2.6630	2.8560	0.1930	24	1.58	1.57	1.58	2268.6	85			
24-Jan-19	Fine	289.9	765.5	2.6755	2.8756	0.2001	24	1.60	1.57	1.58	2281.3	88			
30-Jan-19	Fine	292.3	765.7	2.7015	2.9585	0.2570	24	1.59	1.57	1.58	2275.9	113			
												Min	53		
												Max	113		
												Average	83		

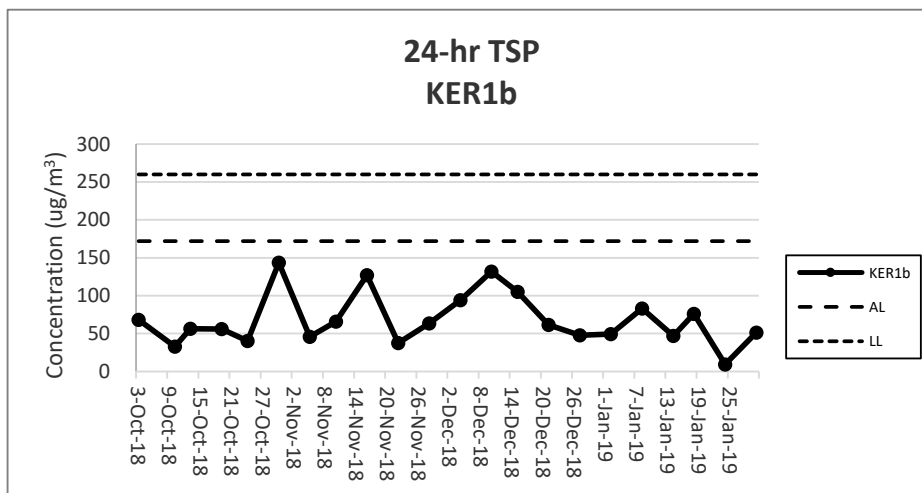
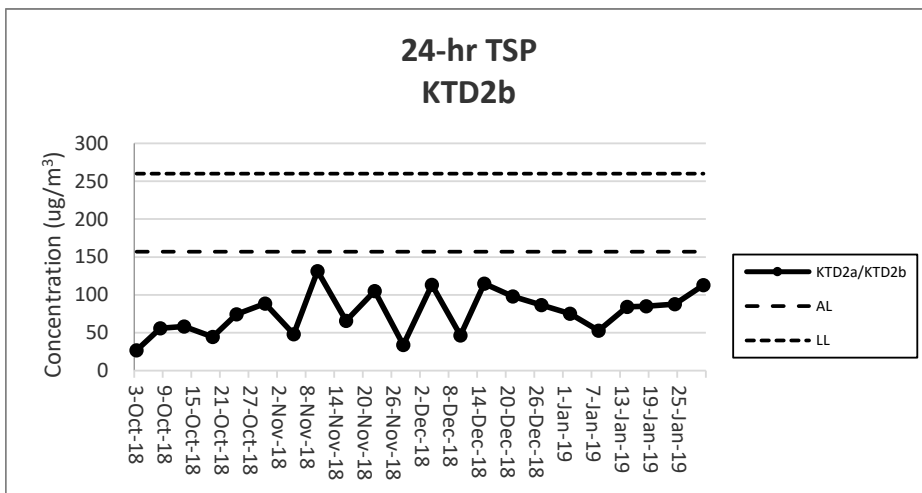
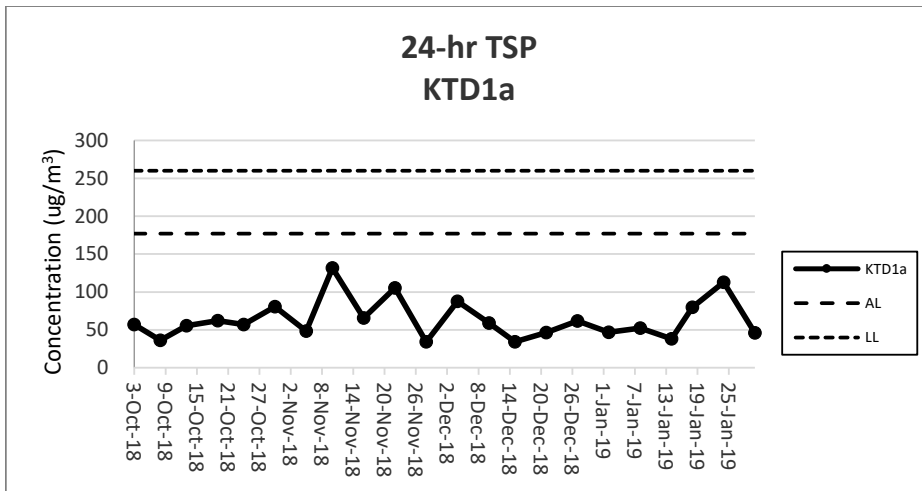
KER1b - Site Boundary at Cheung Yip Street

Start Date	Weather Condition	Air Temperature (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time(hrs)	Flow Rate (m ³ /min.)		Average flow (m ³ /min.)	Total volume (m ³)	Conc. (ug/m ³)	Action Level (ug/m ³)	Limit Level (ug/m ³)	
				Initial	Final			Initial	Final						
2-Jan-19	Fine	289.4	769.1	2.6736	2.7572	0.0836	24	1.19	1.16	1.18	1697.0	49	172	260	
8-Jan-19	Fine	293.7	766.0	2.6754	2.8604	0.1850	24	1.55	1.53	1.54	2224.2	83			
14-Jan-19	Fine	292.7	764.2	2.6963	2.7797	0.0834	24	1.24	1.23	1.23	1777.2	47			
18-Jan-19	Fine	290.1	751.6	2.6831	2.8246	0.1415	24	1.30	1.29	1.29	1862.5	76			
24-Jan-19	Fine	289.9	765.5	2.6881	2.6995	0.0114	24	1.02	0.99	1.00	1205.6	9			
30-Jan-19	Fine	292.3	765.7	2.6807	2.7763	0.0956	24	1.31	1.29	1.30	1868.6	51			
												Min	9		
												Max	83		
												Average	53		

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.