

**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						
6-Dec-19	Fine	289.5	768.6	2.7295	2.7789	0.0494	24	1.32	1.29	1.30	1876.9	26	177	260	
12-Dec-19	Fine	292.1	765.7	2.7075	2.8593	0.1518	24	1.69	1.66	1.68	2413.2	63			
18-Dec-19	Fine	295.8	763.6	2.6923	2.8257	0.1334	24	1.37	1.36	1.37	1969.8	68			
24-Dec-19	Fine	293.4	763.5	2.6677	2.7117	0.0440	24	1.30	1.29	1.30	1866.0	24			
30-Dec-19	Fine	293.3	765.1	2.7050	2.7550	0.0500	24	1.31	1.29	1.30	1867.3	27			
												Min	24		
												Max	68		
												Average	41		

**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						
6-Dec-19	Fine	289.5	768.6	2.7101	2.8794	0.1693	24	1.22	1.19	1.21	1737.5	97	157	260	
12-Dec-19	Fine	292.1	765.7	2.7349	3.0281	0.2932	24	1.59	1.56	1.58	2269.8	129			
18-Dec-19	Fine	295.8	763.6	2.6969	2.8040	0.1071	24	1.20	1.19	1.20	1722.3	62			
24-Dec-19	Fine	293.4	763.5	2.6827	2.8820	0.1993	24	1.21	1.19	1.20	1726.6	115			
30-Dec-19	Fine	293.3	765.1	2.6803	2.8488	0.1685	24	1.21	1.19	1.20	1727.9	98			
												Min	62		
												Max	129		
												Average	100		

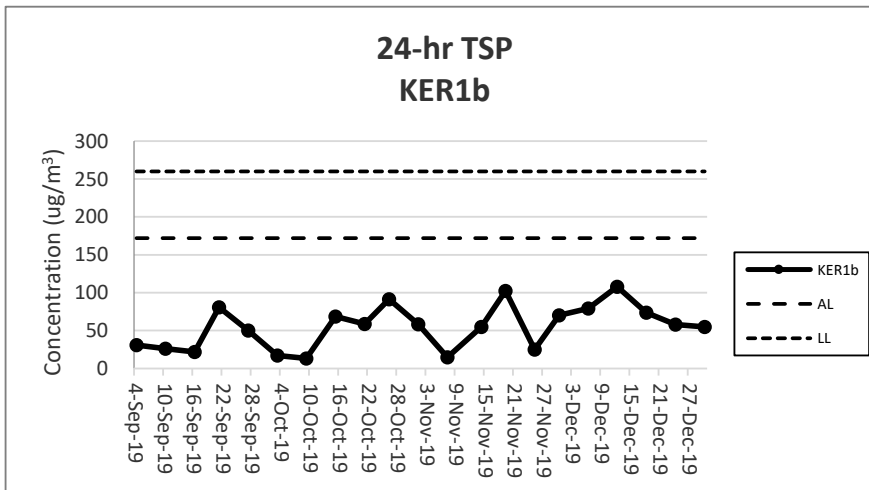
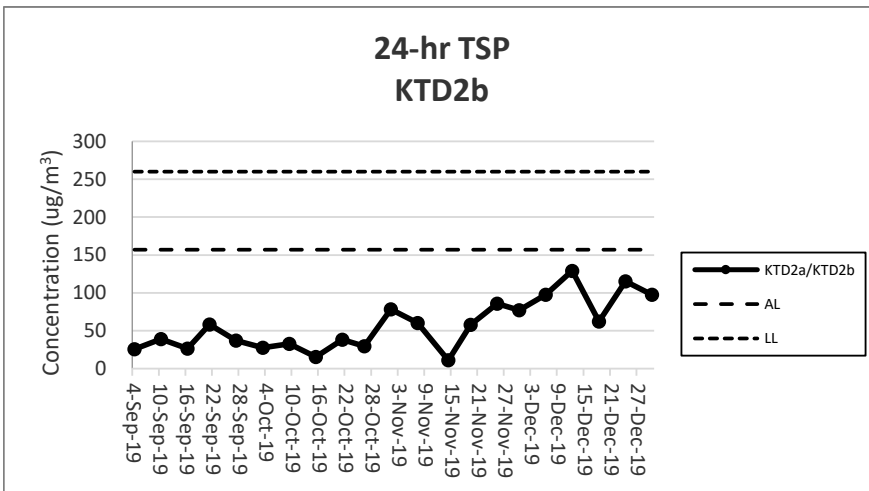
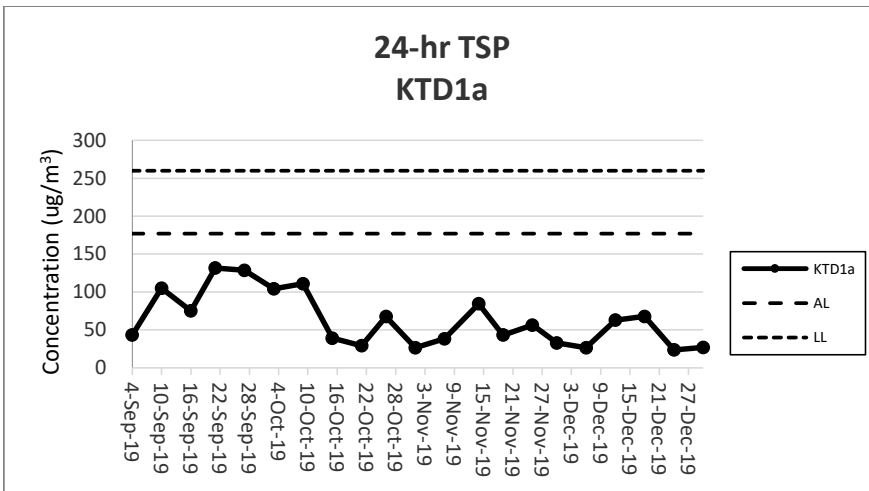
**KER1b - Site Boundary at Cheung Yip Street**

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						
6-Dec-19	Fine	289.5	768.6	2.7061	2.8412	0.1351	24	1.20	1.17	1.19	1708.0	79	172	260	
12-Dec-19	Fine	292.1	765.7	2.7131	2.8968	0.1837	24	1.19	1.17	1.18	1701.7	108			
18-Dec-19	Fine	295.8	763.6	2.7055	2.8663	0.1608	24	1.52	1.51	1.52	2182.1	74			
24-Dec-19	Fine	293.4	763.5	2.6751	2.7965	0.1214	24	1.46	1.44	1.45	2089.2	58			
30-Dec-19	Fine	293.3	765.1	2.6668	2.7598	0.0930	24	1.19	1.17	1.18	1699.3	55			
												Min	55		
												Max	108		
												Average	75		

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) Impact noise monitoring was change to 14 November 2019 due to the traffic disturbance on 13 November 2019.