

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					
4-Jan-20	Fine	292.2	765.7	2.6743	2.7780	0.1037	24	1.31	1.29	1.30	1869.8	55	177	260
10-Jan-20	Fine	292.9	762.4	2.7113	2.8762	0.1649	24	1.68	1.66	1.67	2408.3	68		
16-Jan-20	Fine	292.8	763.3	2.6928	2.8413	0.1485	24	1.38	1.36	1.37	1975.4	75		
22-Jan-20	Fine	293.5	764.4	2.7239	2.8740	0.1501	24	1.30	1.29	1.30	1866.4	80		
24-Jan-20	Fine	294.5	763.6	2.7200	2.8050	0.0850	24	1.30	1.29	1.29	1864.0	46		
30-Jan-20	Fine	287.7	766.2	2.6994	2.7304	0.0310	24	1.70	1.66	1.68	2424.0	13		
											Min	13		
											Max	80		
											Average	56		

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					
4-Jan-20	Fine	292.2	765.7	2.7056	3.0529	0.3473	24	1.63	1.75	1.69	2430.5	143	157	260
10-Jan-20	Fine	292.9	762.4	2.7059	2.8243	0.1184	24	1.58	1.56	1.57	2264.9	52		
16-Jan-20	Fine	292.8	763.3	2.6808	3.0022	0.3214	24	1.58	1.79	1.69	2426.6	132		
22-Jan-20	Fine	293.5	764.4	2.7104	2.9590	0.2486	24	1.58	1.56	1.57	2265.3	110		
24-Jan-20	Fine	294.5	763.6	2.7097	2.8060	0.0963	24	1.20	1.19	1.20	1724.7	56		
30-Jan-20	Fine	287.7	766.2	2.7154	2.7715	0.0561	24	1.68	1.64	1.66	2388.8	23		
											Min	23		
											Max	143		
											Average	86		

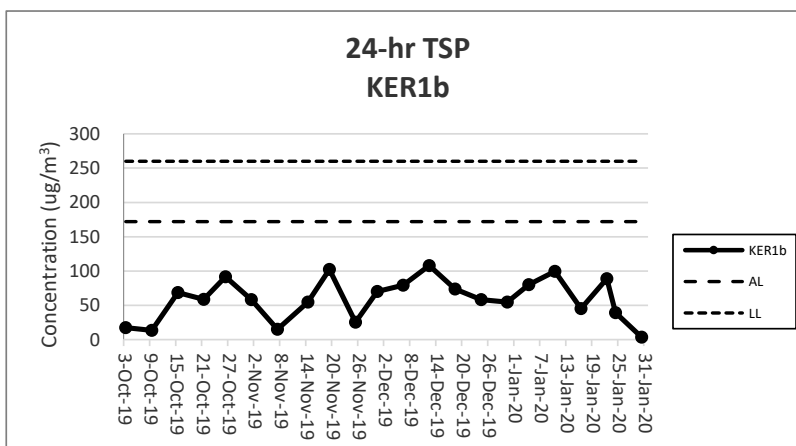
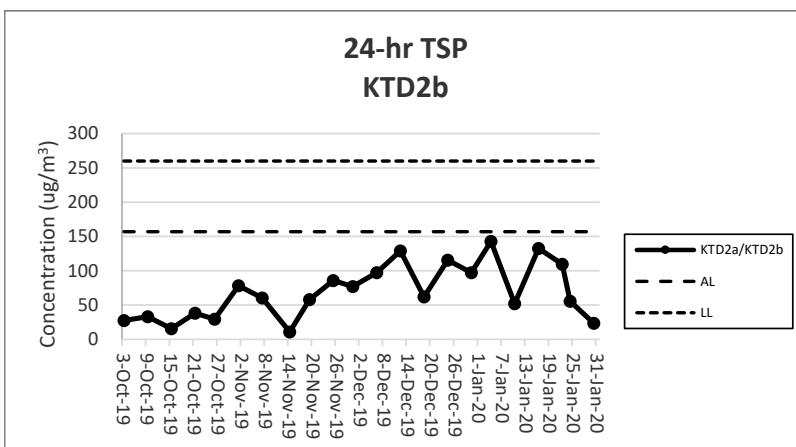
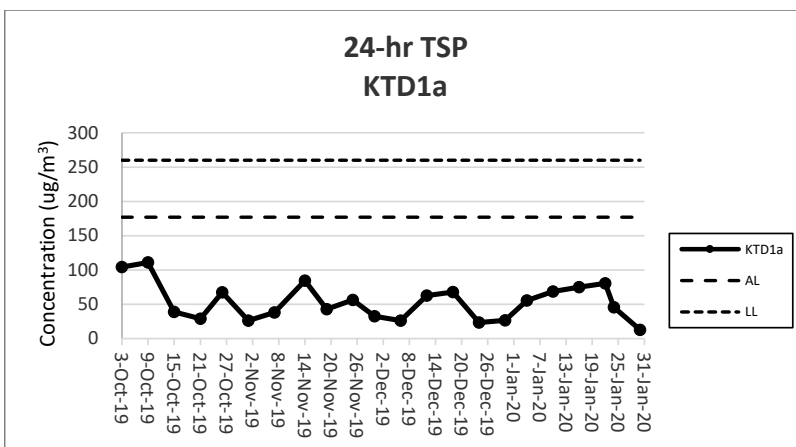
KER1b - Site Boundary at Cheung Yip Street

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						
4-Jan-20	Fine	292.2	765.7	2.6991	2.8356	0.1365	24	1.19	1.17	1.18	1701.6	80	172	260	
10-Jan-20	Fine	292.9	762.4	2.6488	2.8177	0.1689	24	1.19	1.17	1.18	1698.2	99			
16-Jan-20	Fine	292.8	763.3	2.7068	2.8060	0.0992	24	1.53	1.51	1.52	2188.1	45			
22-Jan-20	Fine	293.5	764.4	2.7314	2.9257	0.1943	24	1.53	1.51	1.52	2187.4	89			
24-Jan-20	Fine	294.5	763.6	2.7143	2.8000	0.0857	24	1.52	1.51	1.52	2184.8	39			
30-Jan-20	Fine	287.7	766.2	2.7041	2.7082	0.0041	24	1.06	0.53	0.80	1148.1	4			
												Min	4		
												Max	99		
												Average	59		

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 changed to 14 November 2019 due to the traffic disturbance on 13 November 2019.