

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						
6-Jul-20	Fine	303.1	755.6	2.7840	2.8352	0.0512	24	1.20	1.21	1.20	1734.4	30	177	260	
11-Jul-20	Fine	303.4	755.6	2.7478	2.8153	0.0675	24	1.28	1.29	1.29	1851.2	36			
17-Jul-20	Fine	303.3	756.4	2.7728	2.8506	0.0778	24	1.28	1.29	1.29	1851.9	42			
23-Jul-20	Fine	304	756.8	2.7874	2.8131	0.0257	24	1.28	1.29	1.29	1851.0	14			
29-Jul-20	Cloudy	303.5	755.5	2.7739	2.8086	0.0347	24	1.28	1.29	1.29	1851.0	19			
												Min	14		
												Max	42		
												Average	28		

KTD 2c: G/IC Zone next to Kwun Tong Bypass (Next to the Kowloon Bay Sewage Interception Station)

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						
6-Jul-20	Fine	303.1	755.6	2.7596	2.7759	0.0163	24	1.02	1.04	1.03	1484.8	11	157	260	
11-Jul-20	Fine	303.4	755.6	2.7773	2.7929	0.0156	24	1.21	1.23	1.22	1754.7	9			
17-Jul-20	Fine	303.3	756.4	2.7894	2.8107	0.0213	24	1.21	1.23	1.22	1755.2	12			
23-Jul-20	Fine	304	756.8	2.7826	2.8631	0.0805	24	1.32	1.34	1.33	1913.9	42			
29-Jul-20	Cloudy	303.5	755.5	2.7442	2.7786	0.0344	24	1.21	1.23	1.22	1754.5	20			
												Min	9		
												Max	42		
												Average	19		

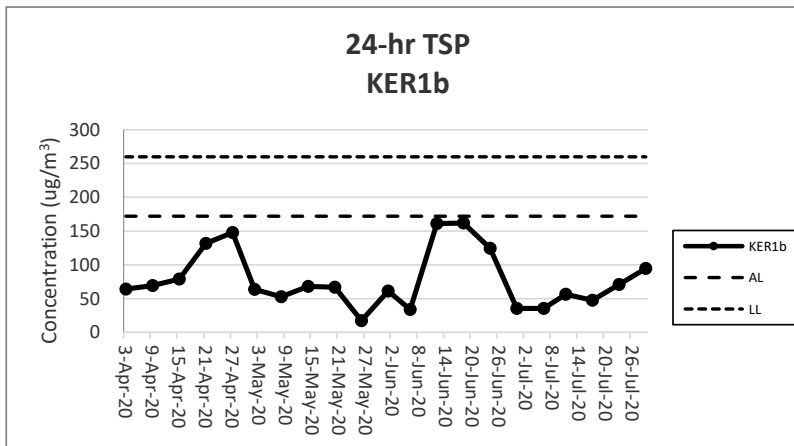
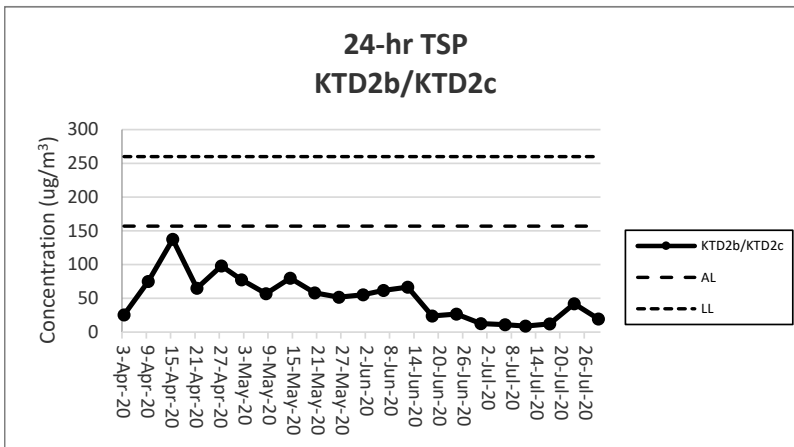
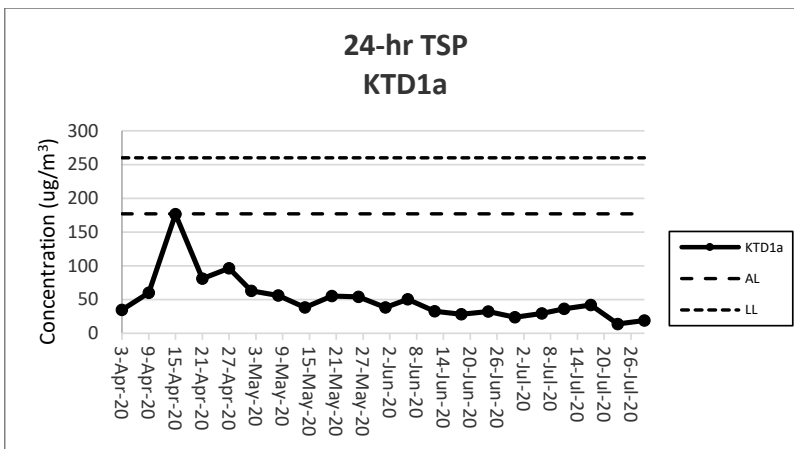
KER1b - Site Boundary at Cheung Yip Street

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						
6-Jul-20	Fine	303.1	755.6	2.7504	2.8258	0.0754	24	1.48	1.49	1.48	2136.5	35	172	260	
11-Jul-20	Fine	303.4	755.6	2.7884	2.9086	0.1202	24	1.48	1.49	1.48	2136.1	56			
17-Jul-20	Fine	303.3	756.4	2.7707	2.8760	0.1053	24	1.48	1.49	1.48	2225.7	47			
23-Jul-20	Fine	304	756.8	2.7638	2.9153	0.1515	24	1.48	1.49	1.48	2136.0	71			
29-Jul-20	Cloudy	303.5	755.5	2.7786	3.0082	0.2296	24	1.68	1.69	1.68	2422.9	95			
												Min	35		
												Max	95		
												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) KTD 2b was relocated to KTD 2c on 8 April 2020