

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 (m³/min.)		Average flow (m³/min.)	Total volume (m³)	Conc. (ug/m³)	Action Level (ug/m³)	Limit Level (ug/m³)
				Initial	Final			Initial	Final					
2-May-20	Fine	299.3	757.6	2.6874	2.8385	0.1511	24	1.67	1.67	1.67	2403.8	63	177	260
8-May-20	Cloudy	302.3	756.5	2.7029	2.8252	0.1223	24	1.50	1.52	1.51	2176.0	56		
14-May-20	Fine	300.1	758.5	2.6898	2.7780	0.0882	24	1.59	1.60	1.59	2292.6	38		
20-May-20	Cloudy	300.6	754.6	2.6520	2.7840	0.1320	24	1.66	1.67	1.67	2398.0	55		
26-May-20	Cloudy	301.3	755.8	2.6820	2.7937	0.1117	24	1.43	1.44	1.44	2067.6	54		
											Min	38		
											Max	63		
											Average	53		

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					
2-May-20	Fine	299.3	757.6	2.7074	2.8895	0.1821	24	1.63	1.64	1.63	2353.7	77	157	260
8-May-20	Cloudy	302.3	756.5	2.7091	2.8264	0.1173	24	1.42	1.44	1.43	2058.8	57		
14-May-20	Fine	300.1	758.5	2.7180	2.9103	0.1923	24	1.67	1.68	1.67	2409.8	80		
20-May-20	Cloudy	300.6	754.6	2.7347	2.8610	0.1263	24	1.50	1.52	1.51	2175.6	58		
26-May-20	Cloudy	301.3	755.8	2.7069	2.8194	0.1125	24	1.50	1.52	1.51	2174.9	52		
											Min	52		
											Max	80		
											Average	65		

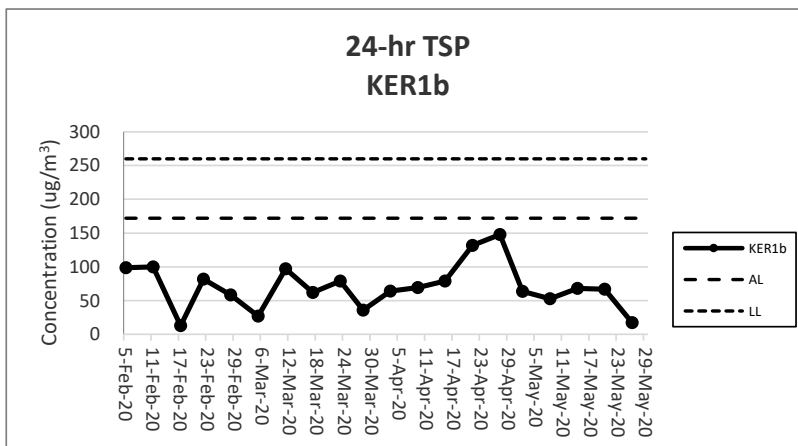
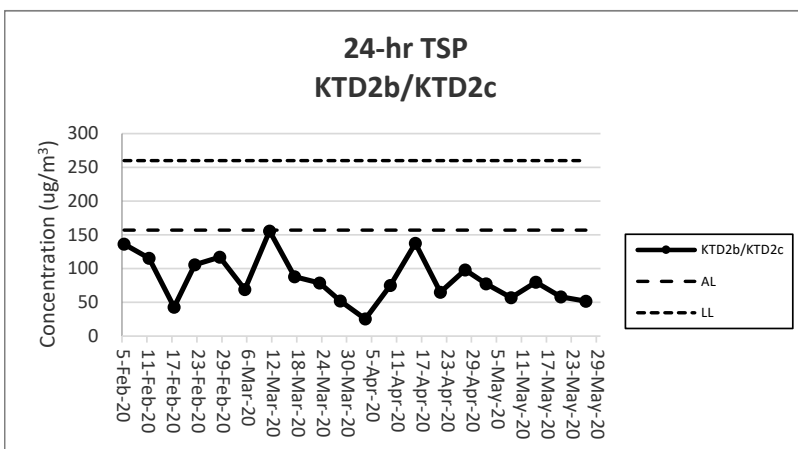
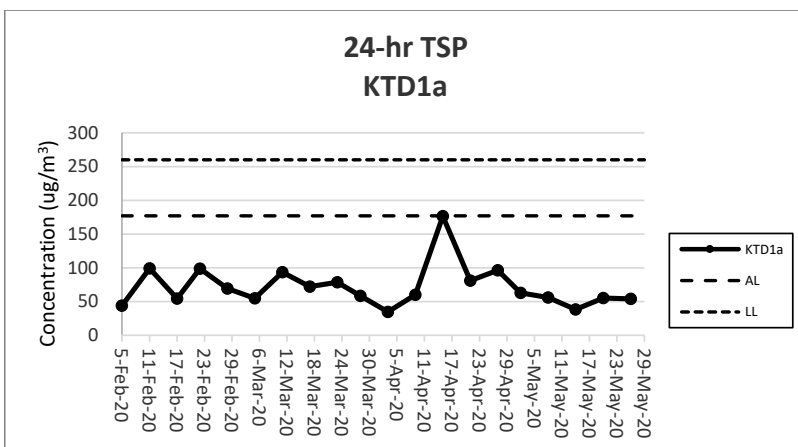
KER1b - Site Boundary at Cheung Yip Street

Start Date	Weather Condition	Air Temperature (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time(hrs)	Flow Rate (m³/min.)		Average flow (m³/min.)	Total volume (m³)	Conc. (ug/m³)	Action Level (ug/m³)	Limit Level (ug/m³)
				Initial	Final			Initial	Final					
2-May-20	Fine	299.3	757.6	2.7056	2.8560	0.1504	24	1.71	1.58	1.64	2364.0	64	172	260
8-May-20	Cloudy	302.3	756.5	2.7169	2.8305	0.1136	24	1.49	1.51	1.50	2163.2	53		
14-May-20	Fine	300.1	758.5	2.7093	2.8630	0.1537	24	1.50	1.51	1.51	2259.5	68		
20-May-20	Cloudy	300.6	754.6	2.7370	2.8895	0.1525	24	1.58	1.59	1.59	2282.8	67		
26-May-20	Cloudy	301.3	755.8	2.7013	2.7382	0.0369	24	1.48	1.49	1.49	2138.7	17		
											Min	17		
											Max	68		
											Average	54		

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