

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					
1-Apr-17	Fine	291.7	765.0	2.7803	2.9014	0.1211	24	1.59	1.57	1.58	2278.9	53	177	260
7-Apr-17	Fine	297.5	759.3	2.8250	3.0805	0.2555	24	1.64	1.64	1.64	2355.4	108		
13-Apr-17	Cloudy	293.0	763.1	2.7995	3.0230	0.2235	24	1.52	1.51	1.51	2181.2	102		
19-Apr-17	Fine	299.7	756.9	2.8074	2.8768	0.0694	24	1.24	1.25	1.24	2090.8	33		
25-Apr-17	Cloudy	294.9	759.4	2.7650	2.8718	0.1068	24	1.51	1.51	1.51	2265.1	47		
29-Apr-17	Cloudy	296.0	760.9	2.8386	2.9291	0.0905	24	1.58	1.60	1.59	2290.0	40		
												Min	33	
												Max	108	
												Average	64	

KTD2a - G/IC Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)

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					
1-Apr-17	Fine	291.7	765.0	2.8296	2.9085	0.0789	24	1.45	1.49	1.47	2116.6	37	157	260
7-Apr-17	Fine	297.5	759.3	2.7988	2.9278	0.1290	24	1.42	1.42	1.42	2047.1	63		
13-Apr-17	Cloudy	293.0	763.1	2.8176	2.9220	0.1044	24	1.59	1.57	1.58	2272.1	46		
19-Apr-17	Fine	299.7	756.9	2.8164	2.8858	0.0694	24	1.56	1.57	1.56	2251.7	31		
25-Apr-17	Cloudy	294.9	759.4	2.7723	2.9327	0.1604	24	1.43	1.42	1.43	2052.6	78		
29-Apr-17	Cloudy	296.0	760.9	2.8392	2.9768	0.1376	24	1.69	1.68	1.68	2422.2	57		
												Min	31	
												Max	78	
												Average	52	

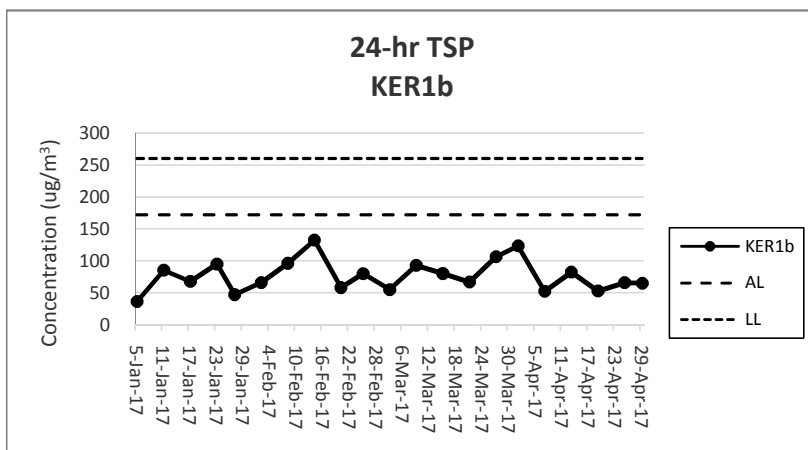
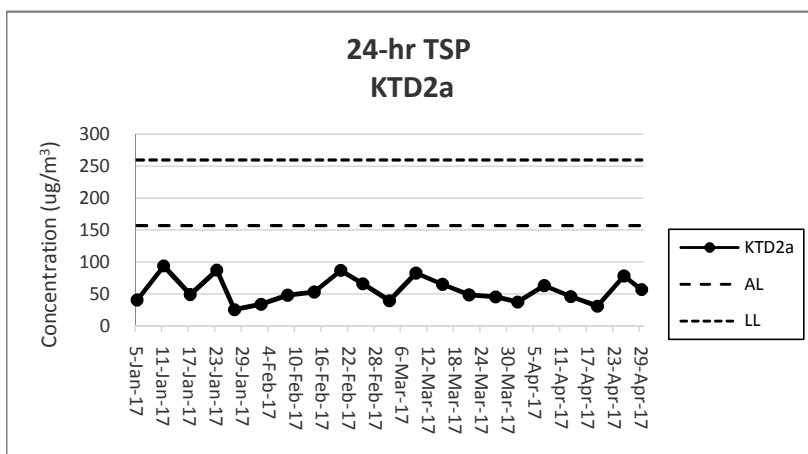
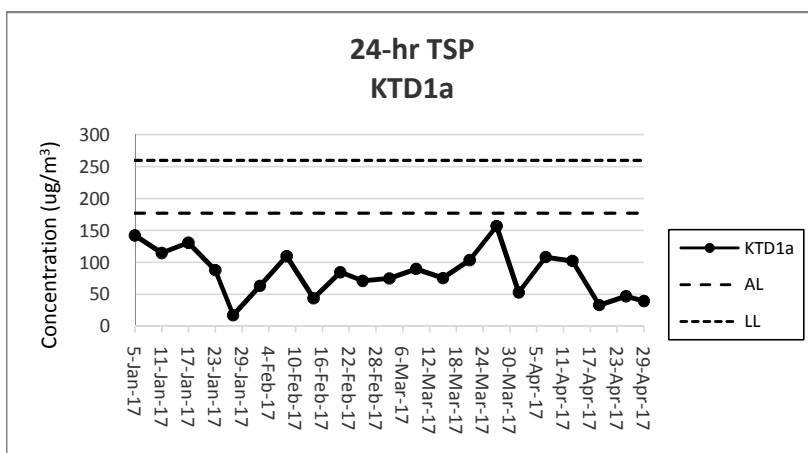
KER1b - Site Boundary at Cheung Yip Street

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					
1-Apr-17	Fine	291.7	765.0	2.8013	3.0988	0.2975	24	1.62	1.60	1.61	2414.0	123	172	260
7-Apr-17	Fine	297.5	759.3	2.8135	2.9195	0.1060	24	1.41	1.41	1.41	2032.1	52		
13-Apr-17	Cloudy	293.0	763.1	2.8179	2.9934	0.1755	24	1.49	1.47	1.48	2133.8	82		
19-Apr-17	Fine	299.7	756.9	2.8150	2.9170	0.1020	24	1.34	1.35	1.35	1937.0	53		
25-Apr-17	Cloudy	294.9	759.4	2.7709	2.9017	0.1308	24	1.39	1.38	1.38	1992.9	66		
29-Apr-17	Cloudy	296.0	760.9	2.8332	2.9652	0.1320	24	1.42	1.41	1.41	2036.4	65		
												Min	52	
												Max	123	
												Average	73	

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.