

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)

TABLE 2: Status of Exhaustion in Facilities (Continuous Emission)															
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						
5-Mar-19	Fine	295.2	759.1	2.6720	2.8151	0.1431	24	1.19	1.18	1.19	1707.7	84	177	260	
11-Mar-19	Fine	295.6	761.2	2.6898	2.7780	0.0882	24	1.19	1.18	1.19	1708.4	52			
16-Mar-19	Fine	293.2	765.1	2.6312	2.7357	0.1045	24	1.20	1.18	1.19	1714.6	61			
22-Mar-19	Cloudy	298.8	759.1	2.6842	2.9313	0.2471	24	1.50	1.51	1.50	2166.6	114			
28-Mar-19	Fine	297.4	759.5	2.6812	2.8910	0.2098	24	1.57	1.57	1.57	2262.7	93			
												Min	52		
												Max	114		
												Average	81		

KTD 2b: G/IC 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 (m³/min.)		Average flow (m³/min.)	Total volume (m³)	Conc. (ug/m³)	Action Level (ug/m³)	Limit Level (ug/m³)	
				Initial	Final			Initial	Final						
5-Mar-19	Fine	295.2	759.1	2.6812	2.8588	0.1776	24	1.21	1.20	1.20	1733.9	102	157	260	
11-Mar-19	Fine	295.6	761.2	2.6752	2.7924	0.1172	24	1.21	1.20	1.20	1734.7	68			
16-Mar-19	Fine	293.2	765.1	2.6651	2.9339	0.2688	24	1.51	1.49	1.50	2167.0	124			
22-Mar-19	Cloudy	298.8	759.1	2.6250	2.7705	0.1455	24	1.34	1.35	1.35	1938.7	75			
28-Mar-19	Fine	297.4	759.5	2.6708	2.8194	0.1486	24	1.20	1.20	1.20	1730.2	86			
												Min	68		
												Max	124		
												Average	91		

KER1b - Site Boundary at Cheung Yip Street

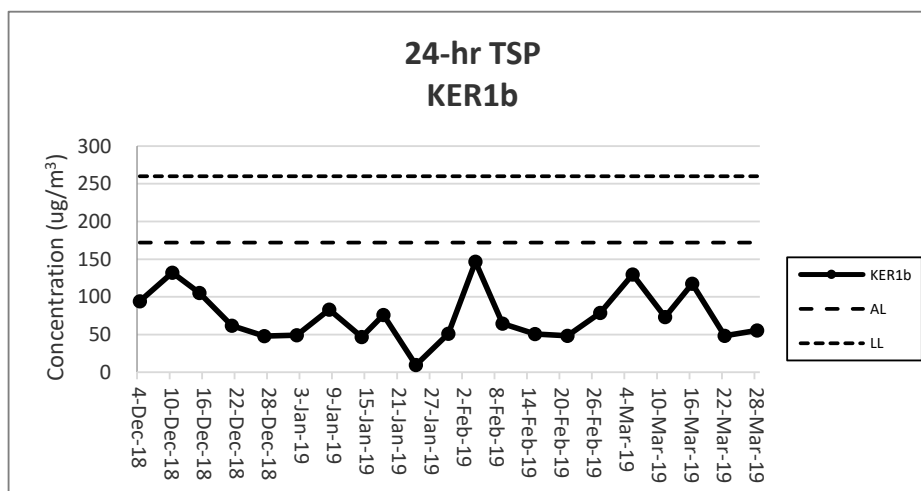
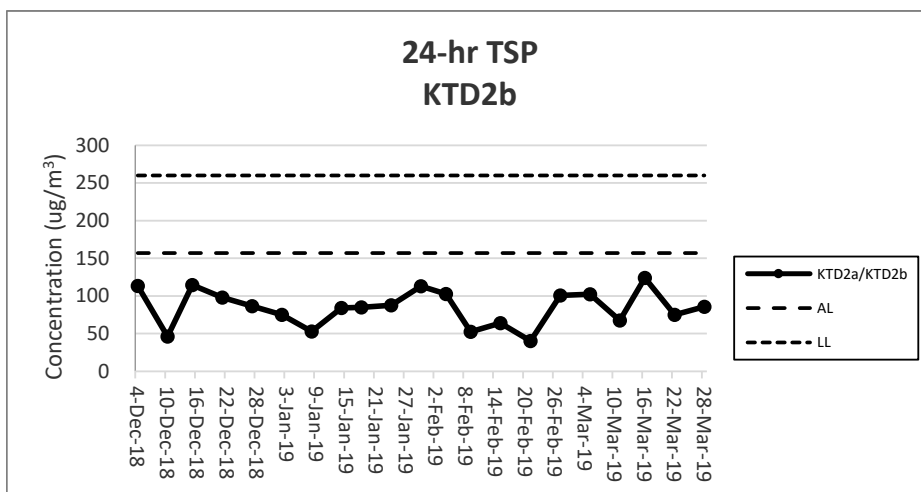
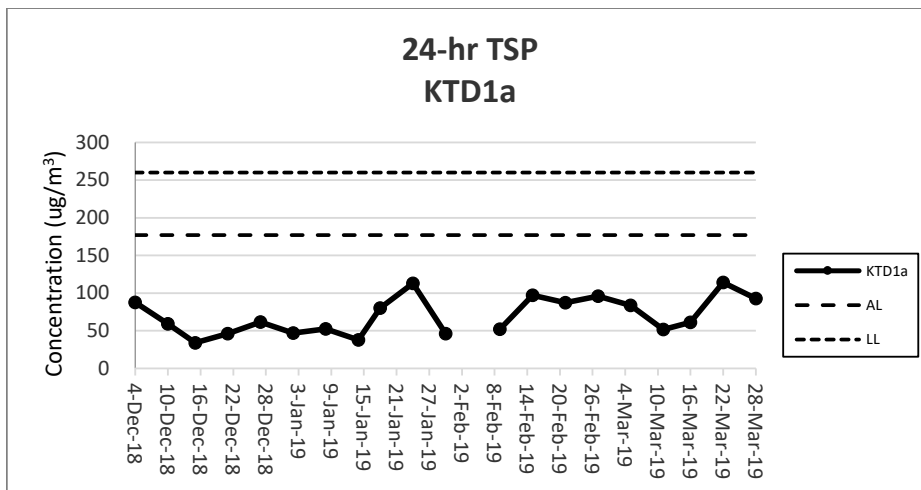
Start Date	Weather Condition	Air Temperature (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time(hrs)	Flow Rate (m³/min.)		Average flow (m³/min.)	Total volume (m³)	Conc. (ug/m³)	Action Level (ug/m³)	Limit Level (ug/m³)	
				Initial	Final			Initial	Final						
5-Mar-19	Fine	295.2	759.1	2.6750	2.8584	0.1834	24	0.98	0.98	0.98	1412.4	130	172	260	
11-Mar-19	Fine	295.6	761.2	2.6823	2.7856	0.1033	24	0.98	0.98	0.98	1413.0	73			
16-Mar-19	Fine	293.2	765.1	2.6398	2.8484	0.2086	24	1.24	1.23	1.23	1777.0	117			
22-Mar-19	Cloudy	298.8	759.1	2.6728	2.7539	0.0811	24	1.16	1.16	1.16	1673.7	48			
28-Mar-19	Fine	297.4	759.5	2.6975	2.7905	0.0930	24	1.16	1.16	1.16	1676.4	55			
												Min	48		
												Max	130		
												Average	85		

Note:

Underline: Exceedance of Action Level

Underline and Bold: Exceedance of Limit Level

Impact air monitoring was not conducted at KTD1a due to the site was closed on 4 February 2019.



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 air monitoring was not conducted at KTD1a due to the site was closed on 4 February 2019.