

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	Air Temperature	Atmospheric Pressure, Pa	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)
	Condition	(K)	(mmHg)	Initial	Final			Initial	Final					
5-Jan-17	Fine	294.1	762.7	2.7920	3.1287	0.3367	24	1.65	1.64	1.64	2365.5	142	177	260
11-Jan-17	Fine	292.1	763.6	2.8115	3.0863	0.2748	24	1.72	1.60	1.66	2394.4	115		
17-Jan-17	Cloudy	292.2	759.1	2.8158	3.1709	0.3551	24	1.65	1.70	1.68	2714.7	131		
23-Jan-17	Fine	289.8	769.3	2.8199	2.9973	0.1774	24	1.37	1.34	1.36	2017.9	88		
27-Jan-17	Fine	290.5	767.0	2.8149	2.8530	0.0381	24	1.53	1.51	1.52	2189.2	17		
											Min	17		
											Max	142		
											Average	99		

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

RTD2 - One Zone Next to Kwan Tong Bypass (Future Hospital at Site 002)														
Start Date	Weather	Air Temperature	Atmospheric Pressure, Pa	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)
	Condition	(K)	(mmHg)	Initial	Final			Initial	Final					
5-Jan-17	Fine	294.1	762.7	2.7854	2.8777	0.0923	24	1.58	1.57	1.58	2269.2	41	157	260
11-Jan-17	Fine	292.1	763.6	2.8064	3.0296	0.2232	24	1.67	1.64	1.65	2381.0	94		
17-Jan-17	Cloudy	292.2	759.1	2.8233	2.9348	0.1115	24	1.59	1.57	1.58	2270.4	49		
23-Jan-17	Fine	289.8	769.3	2.8347	3.0250	0.1903	24	1.53	1.49	1.51	2178.1	87		
27-Jan-17	Fine	290.5	767.0	2.8187	2.8767	0.0580	24	1.60	1.57	1.58	2281.2	25		
											Min	25		
											Max	94		
											Average	59		

KER1b - Site Boundary at Cheung Yip Street

Start Date	Weather	Air Temperature	Atmospheric Pressure, Pa	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)
	Condition	(K)	(mmHg)	Initial	Final			Initial	Final					
5-Jan-17	Fine	294.1	762.7	2.8174	2.8884	0.0710	24	1.36	1.35	1.36	1952.4	36	172	260
11-Jan-17	Fine	292.1	763.6	2.8131	2.9646	0.1515	24	1.24	1.23	1.23	1778.0	85		
17-Jan-17	Cloudy	292.2	759.1	2.8142	2.9162	0.1020	24	1.05	1.04	1.05	1506.4	68		
23-Jan-17	Fine	289.8	769.3	2.8267	3.0051	0.1784	24	1.32	1.29	1.30	1880.9	95		
27-Jan-17	Fine	290.5	767.0	2.8477	2.9274	0.0797	24	1.19	1.16	1.18	1693.6	47		
											Min	36		
											Max	95		
											Average	66		

Note:

Underline: Exceedance of Action Level

Underline and Bold: Exceedance of Limit Level

