

Appendix F - 24-hour TSP Impact Monitoring Results

Location CKL1 - Flat 121 Cha Kwo Ling Village

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final					
2-Nov-22	Cloudy	294.2	758.1	3.7135	3.8554	0.1419	5043.1	5067.1	24.0	1.23	1.23	1.23	1777.1	79.9	191.0	260.0
8-Nov-22	Windy	296.1	764.0	3.2892	3.3545	0.0653	5067.1	5091.1	24.0	1.21	1.21	1.21	1746.1	37.4		
14-Nov-22	Sunny	297.2	763.1	3.3482	3.4274	0.0792	5091.1	5115.1	24.0	1.21	1.21	1.21	1742.7	45.5		
19-Nov-22	Fine	297.9	761.9	3.4029	3.5903	0.1874	5162.5	5186.5	24.0	1.21	1.21	1.21	1739.9	107.7		
24-Nov-22	Fine	295.1	762.6	3.3648	3.4889	0.1240	5186.5	5210.5	24.0	1.21	1.21	1.21	1748.0	70.9		
30-Nov-22	Cloudy	292.7	765.2	3.3115	3.4007	0.0892	5234.5	5258.5	24.0	1.21	1.23	1.22	1755.6	50.8		
														Min	37.4	
														Max	107.7	
														Average	65.4	

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Location CKL2 - Flat 103 Cha Kwo Ling Village

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final					
2-Nov-22	Windy	294.2	758.1	3.3688	3.4790	0.1102	17271.9	17295.9	24.0	1.24	1.24	1.24	1782.8	61.8	183.0	260.0
8-Nov-22	Sunny	296.1	764.0	3.3681	3.4954	0.1273	17295.9	17319.9	24.0	1.22	1.21	1.22	1749.7	72.8		
14-Nov-22	Fine	297.2	763.1	3.3664	3.5905	0.2241	17335.1	17359.1	24.0	1.21	1.21	1.21	1746.0	128.3		
19-Nov-22	Fine	297.9	761.9	3.3432	3.6922	0.3490	17359.1	17383.1	24.0	1.21	1.21	1.21	1743.1	200.2		
24-Nov-22	Cloudy	295.1	762.6	3.3725	3.4477	0.0752	17383.1	17407.1	24.0	1.22	1.22	1.22	1750.9	42.9		
30-Nov-22	Cloudy	292.7	765.2	3.3887	3.5383	0.1496	17407.1	17431.1	24.0	1.22	1.23	1.22	1759.6	85.0		
														Min	42.9	
														Max	200.2	
														Average	98.5	

Note: ***Bold Italic*** means Action Level exceedance
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Location KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final					
2-Nov-22	Cloudy	294.2	758.1	3.3413	3.4161	0.0748	16547.1	16571.1	24.0	1.23	1.23	1.23	1770.7	42.2	177.0	260.0
8-Nov-22	Cloudy	296.1	764.0	3.3253	3.3671	0.0418	16571.1	16595.1	24.0	1.23	1.23	1.23	1772.3	23.6		
14-Nov-22	Sunny	297.2	763.1	3.3762	3.4057	0.0295	16595.1	16619.1	24.0	1.22	1.22	1.22	1755.1	16.8		
19-Nov-22	Cloudy	297.9	761.9	3.3238	3.3869	0.0631	16619.1	16643.1	24.0	1.22	1.22	1.22	1752.8	36.0		
24-Nov-22	Cloudy	295.1	762.6	3.3822	3.4680	0.0859	11643.1	11667.1	24.0	1.22	1.22	1.22	1761.8	48.7		
30-Nov-22	Cloudy	292.7	765.2	3.2914	3.3380	0.0466	16691.1	16715.1	24.0	1.22	1.24	1.23	1770.3	26.3		
														Min	16.8	
														Max	48.7	
														Average	32.3	

Note: ***Bold Italic*** means Action Level exceedance
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Location KER1 - Future Residential Development at Kerry Godown

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final					
2-Nov-22	Sunny	294.2	758.1	3.3810	3.4907	0.1097	14255.0	14279.0	24.0	1.23	1.23	1.23	1772.0	61.9	172.0	260.0
8-Nov-22	Cloudy	296.1	764.0	3.3881	3.5294	0.1413	14279.0	14303.0	24.0	1.23	1.23	1.23	1772.8	79.7		
14-Nov-22	Cloudy	297.2	763.1	3.3657	3.4488	0.0831	14303.0	14327.0	24.0	1.22	1.22	1.22	1754.0	47.4		
19-Nov-22	Sunny	297.9	761.9	3.3483	3.4810	0.1327	14375.8	14399.8	24.0	1.22	1.22	1.22	1751.0	75.8		
24-Nov-22	Cloudy	295.1	762.6	3.3170	3.3788	0.0618	14399.8	14423.8	24.0	1.22	1.22	1.22	1759.0	35.2		
30-Nov-22	Cloudy	292.7	765.2	3.3875	3.5454	0.1579	14471.8	14495.8	24.0	1.22	1.23	1.23	1767.8	89.3		
														Min	35.2	
														Max	89.3	
														Average	64.9	

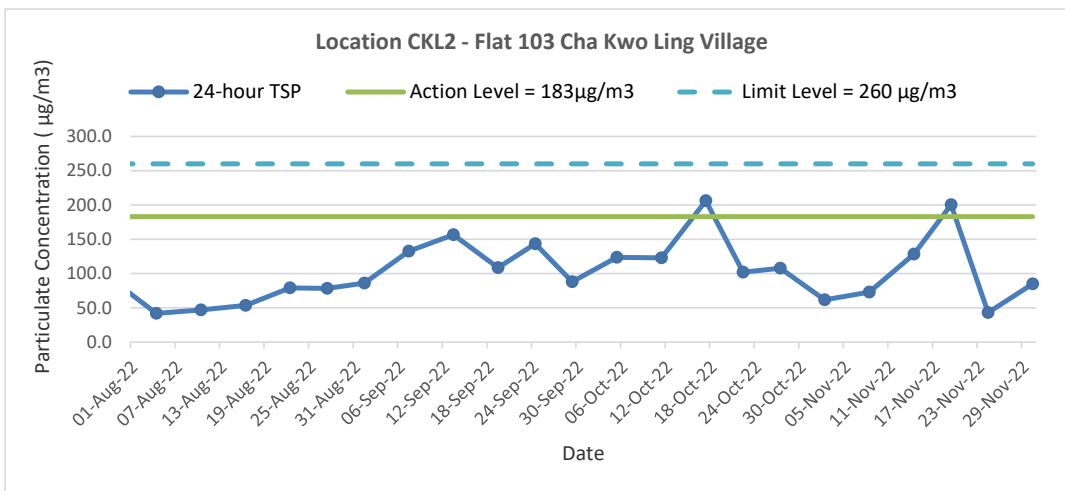
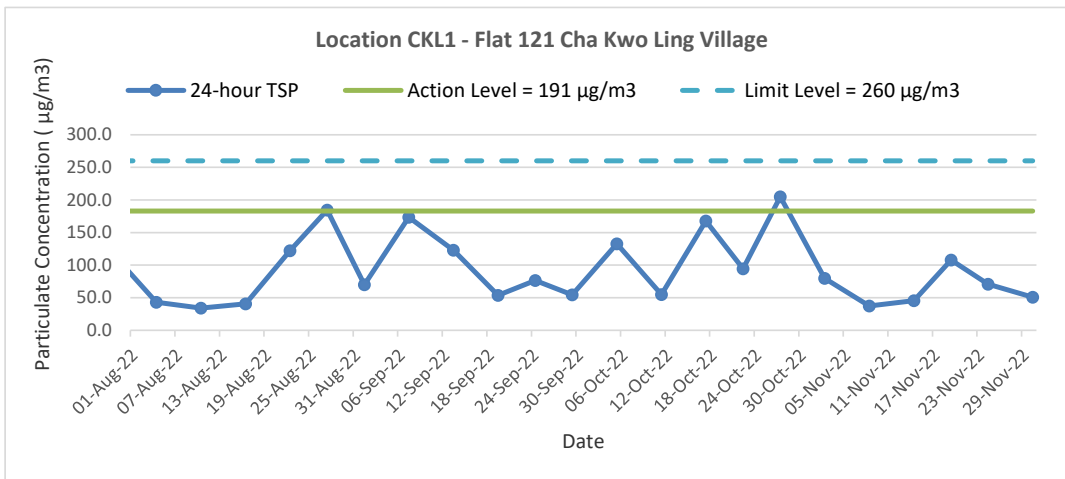
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Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final					
2-Nov-22	Rainy	294.2	758.1	3.7058	3.7599	0.0541	14992.1	15016.1	24.0	1.23	1.23	1.23	1772.0	30.5	157.0	260.0
8-Nov-22	Sunny	296.1	764.0	3.3773	3.4895	0.1122	15017.2	15041.2	24.0	1.23	1.23	1.23	1772.9	63.3		
14-Nov-22	Fine	297.2	763.1	3.3725	3.5489	0.1764	15041.2	15065.2	24.0	1.22	1.22	1.22	1754.6	100.6		
19-Nov-22	Fine	297.9	761.9	3.3748	3.5430	0.1681	15065.2	15089.2	24.0	1.22	1.22	1.22	1751.6	96.0		
24-Nov-22	Cloudy	295.1	762.6	3.3687	3.4264	0.0578	15089.2	15113.2	24.0	1.22	1.22	1.22	1759.7	32.8		
30-Nov-22	Cloudy	292.7	765.2	3.3249	3.4235	0.0986	15113.2	15137.2	24.0	1.22	1.24	1.23	1768.8	55.8		
														Min	30.5	
														Max	100.6	
														Average	63.2	

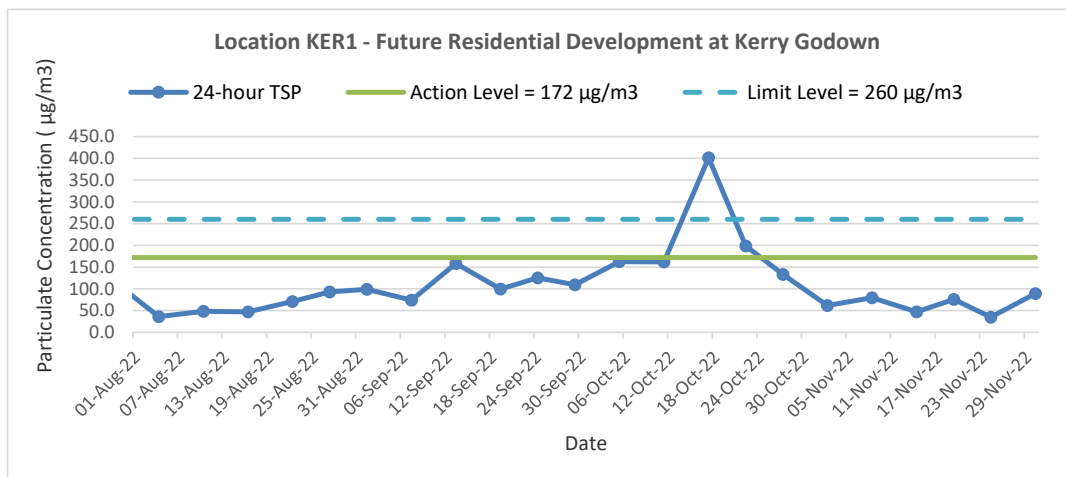
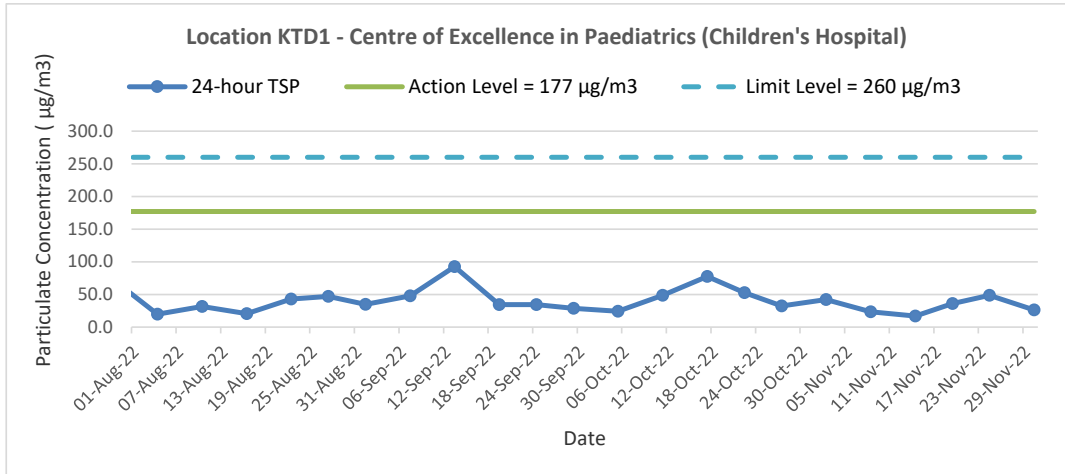
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24-hr TSP Concentration Levels



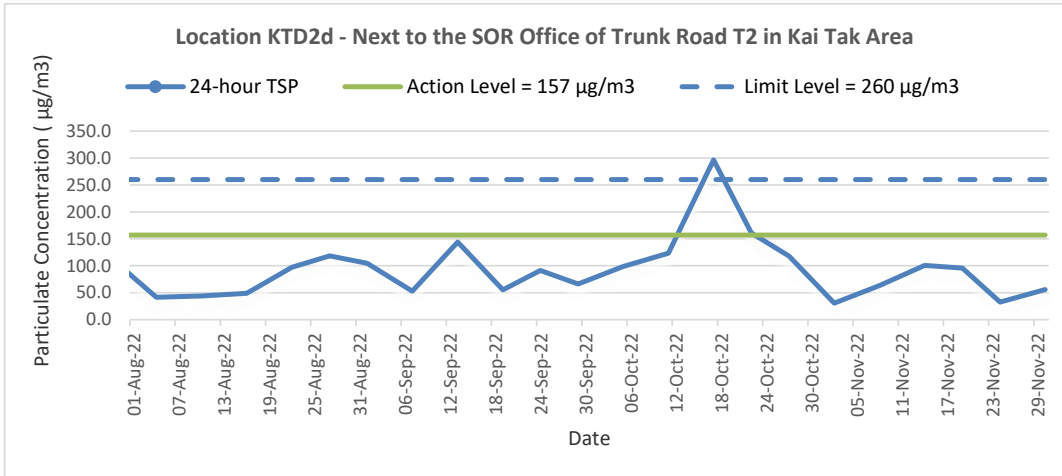
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Nov-22	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

24-hr TSP Concentration Levels



Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date Nov-22	Project No. MA20003	
Graphical Presentation of 24-hour TSP Monitoring Results		Appendix F	

24-hr TSP Concentration Levels



Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Nov-22	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	