

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					
5-Aug-23	Sunny	303.4	753.6	3.3912	3.5382	0.1471	6429.8	6453.8	24.0	1.21	1.21	1.21	1745.7	84.2	191.0	260.0
10-Aug-23	Cloudy	301.5	754.1	3.3265	3.4084	0.0819	6453.8	6477.8	24.0	1.21	1.22	1.22	1750.3	46.8		
16-Aug-23	Fine	303.3	755.5	3.3452	3.4689	0.1237	6477.8	6501.8	24.0	1.21	1.21	1.21	1747.5	70.8		
22-Aug-23	Fine	303.2	755.3	3.3366	3.4931	0.1565	6501.8	6525.8	24.0	1.21	1.21	1.21	1747.5	89.6		
28-Aug-23	Fine	302.5	753.3	3.3411	3.4481	0.1070	6525.8	6549.8	24.0	1.21	1.21	1.21	1748.1	61.2		
													Min	46.8		
													Max	89.6		
													Average	70.5		

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					
5-Aug-23	Sunny	303.4	753.6	3.2918	3.4234	0.1316	18909.1	18933.1	24.0	1.21	1.21	1.21	1746.1	75.4	183.0	260.0
10-Aug-23	Cloudy	301.5	754.1	3.3242	3.4436	0.1194	18933.1	18957.1	24.0	1.22	1.22	1.22	1751.6	68.2		
16-Aug-23	Fine	303.3	755.5	3.3224	3.4658	0.1434	18957.1	18981.1	24.0	1.21	1.21	1.21	1748.0	82.0		
22-Aug-23	Fine	303.2	755.3	3.3263	3.4441	0.1178	18981.1	19005.1	24.0	1.21	1.21	1.21	1748.0	67.4		
28-Aug-23	Sunny	302.5	753.3	3.3455	3.4750	0.1295	19005.1	19029.1	24.0	1.21	1.21	1.21	1747.9	74.1		
													Min	67.4		
													Max	82.0		
													Average	73.4		

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					
5-Aug-23	Sunny	303.4	753.6	3.3830	3.4135	0.0305	17771.1	17795.1	24.0	1.22	1.22	1.22	1752.4	17.4	177.0	260.0
10-Aug-23	Cloudy	301.5	754.1	3.3819	3.4999	0.0579	17795.1	17819.1	24.0	1.22	1.22	1.22	1757.5	33.0		
16-Aug-23	Fine	303.3	755.5	3.3678	3.4169	0.0491	17819.1	17843.1	24.0	1.22	1.22	1.22	1754.5	28.0		
22-Aug-23	Sunny	303.2	755.3	3.3304	3.3571	0.0267	17843.1	17867.1	24.0	1.22	1.22	1.22	1754.5	15.2		
28-Aug-23	Fine	302.5	753.3	3.2948	3.3221	0.0274	17867.2	17891.2	24.0	1.22	1.22	1.22	1755.1	15.6		
													Min	15.2		
													Max	33.0		
													Average	21.8		

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					
5-Aug-23	Sunny	303.4	753.6	3.3633	3.4535	0.0902	15575.6	15599.6	24.0	1.22	1.21	1.22	1750.0	51.5	172.0	260.0
10-Aug-23	Cloudy	301.5	754.1	3.3468	3.4404	0.0936	15599.6	15623.6	24.0	1.22	1.22	1.22	1755.1	53.3		
16-Aug-23	Fine	303.3	755.5	3.3468	3.4404	0.0936	15623.6	15647.6	24.0	1.22	1.22	1.22	1752.0	53.4		
22-Aug-23	Fine	303.2	755.3	3.3342	3.4232	0.0890	15647.6	15671.6	24.0	1.22	1.22	1.22	1752.1	50.8		
28-Aug-23	Fine	302.5	753.3	3.3283	3.4285	0.1002	15671.6	15695.6	24.0	1.22	1.22	1.22	1751.9	57.2		
													Min	50.8		
													Max	57.2		
													Average	53.3		

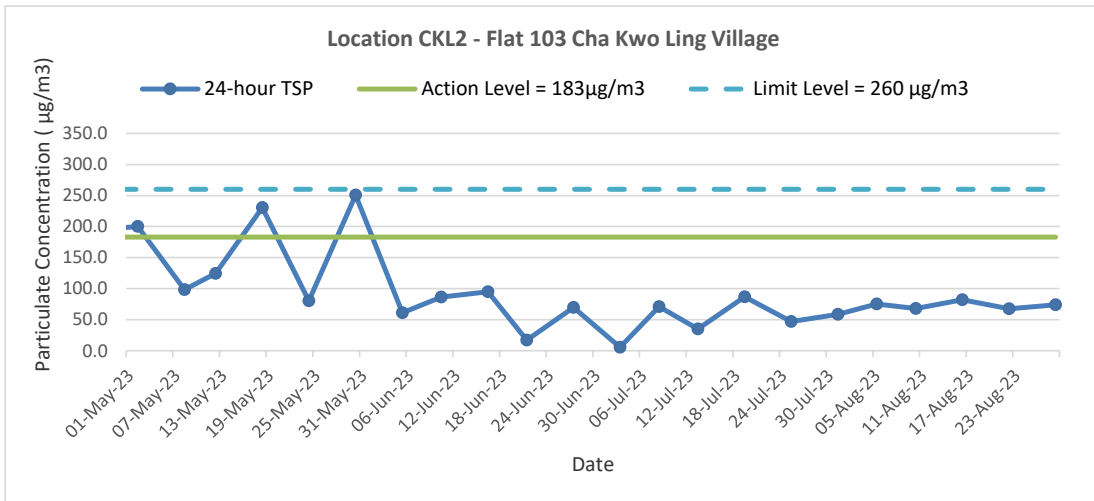
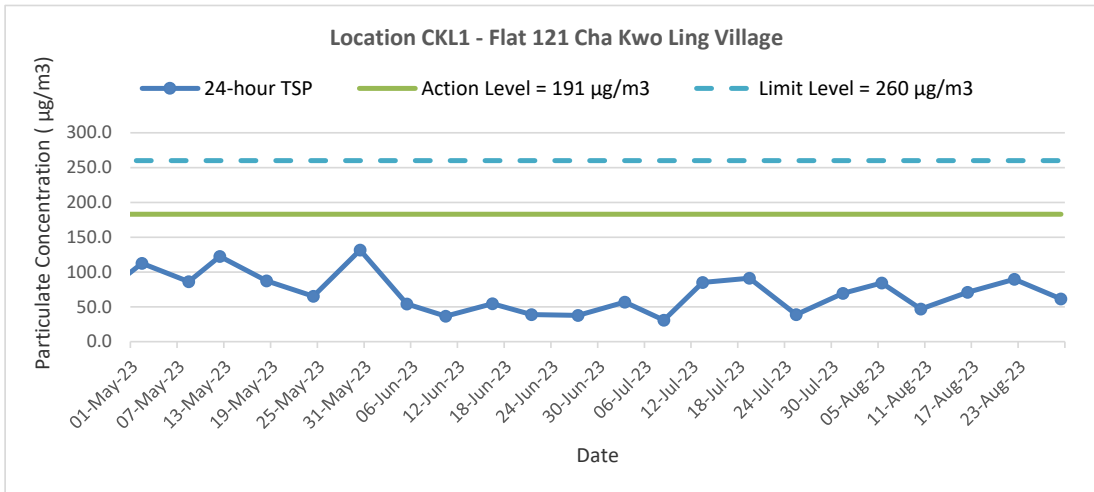
Note: ***Bold Italic*** means Action Level exceedance
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Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

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					
5-Aug-23	Sunny	303.4	753.6	3.3815	3.4451	0.0637	16241.3	16265.3	24.0	1.22	1.22	1.22	1750.8	36.4	157.0	260.0
10-Aug-23	Cloudy	301.5	754.1	3.3713	3.4547	0.0835	16265.3	16289.3	24.0	1.22	1.22	1.22	1755.6	47.5		
16-Aug-23	Sunny	303.3	755.5	3.3199	3.4214	0.1016	16289.3	16313.3	24.0	1.22	1.22	1.22	1752.7	57.9		
22-Aug-23	Fine	303.2	755.3	3.3262	3.3968	0.0706	16313.3	16337.3	24.0	1.22	1.22	1.22	1752.8	40.3		
28-Aug-23	Fine	302.5	753.3	3.3074	3.3700	0.0627	16337.3	16361.3	24.0	1.22	1.22	1.22	1753.4	35.7		
													Min	35.7		
													Max	57.9		
													Average	43.6		

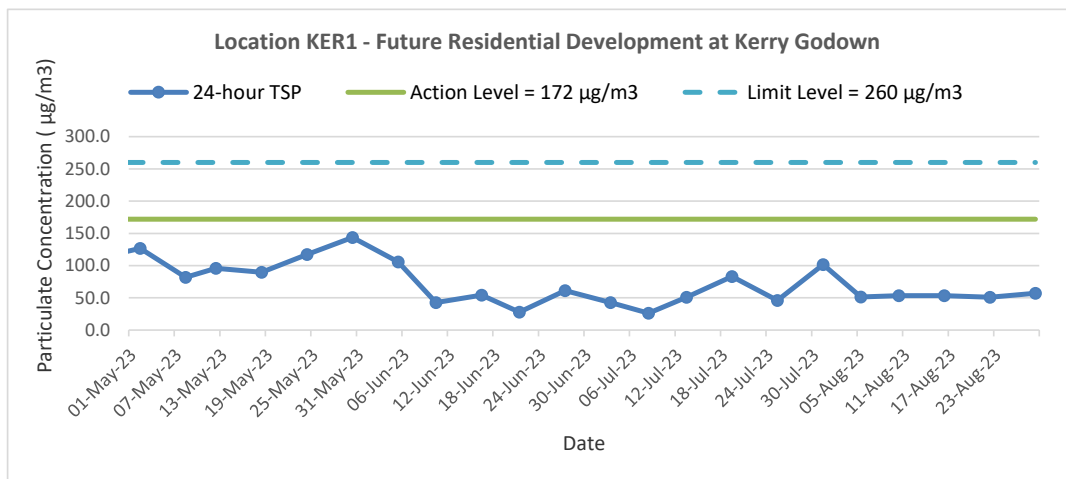
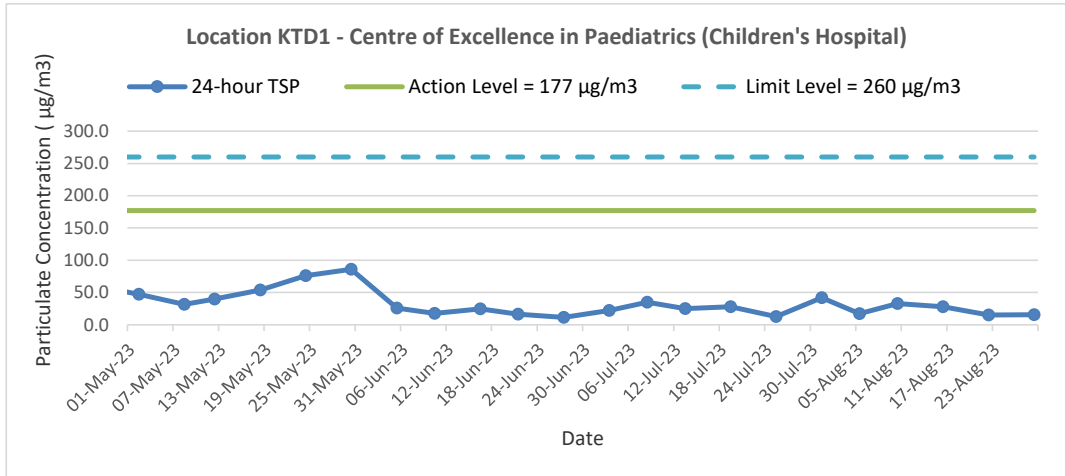
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24-hr TSP Concentration Levels



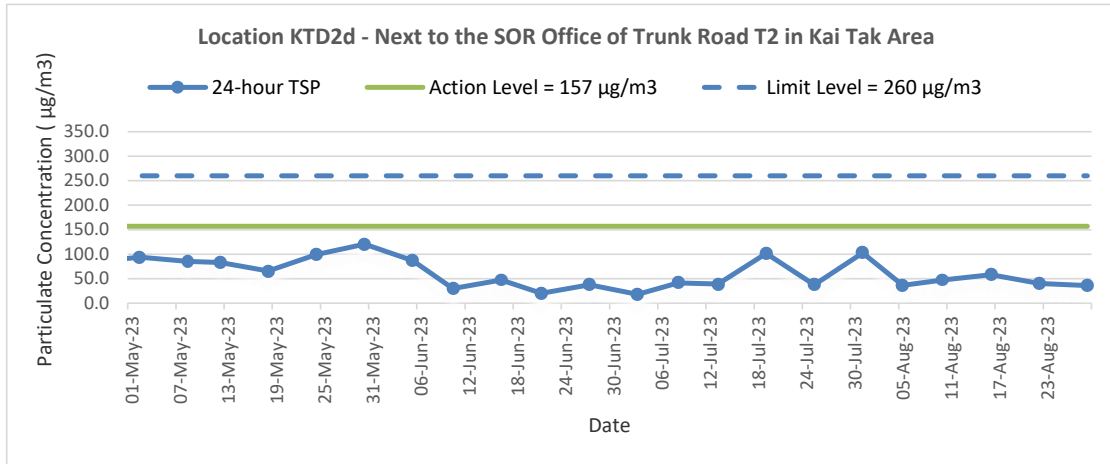
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Aug-23	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

24-hr TSP Concentration Levels



Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Aug-23	Project No. MA20003	
		Appendix F	

24-hr TSP Concentration Levels



Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Aug-23	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	