

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						
4-Sep-23	Cloudy	302.5	753.1	3.3198	3.3931	0.0733	6549.8	6573.8	24.0	1.21	1.21	1.21	1747.2	42.0	191.0	260.0	
7-Sep-23	Rainy	299.7	756.3	3.3218	3.4548	0.1330	6573.8	6597.8	24.0	1.22	1.23	1.22	1762.4	75.4			
13-Sep-23	Rainy	300.4	756.4	3.3230	3.3974	0.0744	6597.8	6621.8	24.0	1.22	1.22	1.22	1760.9	42.3			
19-Sep-23	Sunny	302.6	759.6	3.3435	3.4696	0.1261	6621.8	6645.8	24.0	1.22	1.22	1.22	1758.9	71.7			
25-Sep-23	Sunny	302.9	758.8	3.3342	3.4603	0.1262	6645.8	6669.8	24.0	1.22	1.22	1.22	1757.4	71.8			
29-Sep-23	Sunny	302.9	759.4	3.3597	3.5046	0.1449	6669.8	6693.8	24.0	1.22	1.22	1.22	1757.9	82.4			
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance														Min			42.0
														Max			82.4
														Average			64.3

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						
4-Sep-23	Fine	302.5	753.1	3.3842	3.4556	0.0714	19029.1	19053.1	24.0	1.21	1.21	1.21	1747.7	40.9	183.0	260.0	
7-Sep-23	Cloudy	299.7	756.3	3.3423	3.4753	0.1330	19054.1	19078.1	24.0	1.22	1.23	1.22	1763.9	75.4			
13-Sep-23	Cloudy	300.4	756.4	3.3427	3.4225	0.0798	19078.1	19102.1	24.0	1.22	1.22	1.22	1762.4	45.3			
19-Sep-23	Sunny	302.6	759.6	3.3791	3.4784	0.0993	19102.1	19126.1	24.0	1.22	1.22	1.22	1760.5	56.4			
25-Sep-23	Sunny	302.9	758.8	3.3463	3.4737	0.1274	19126.1	19150.1	24.0	1.22	1.22	1.22	1759.0	72.4			
29-Sep-23	Sunny	302.9	759.4	3.3225	3.4635	0.1410	19150.1	19174.1	24.0	1.22	1.22	1.22	1759.6	80.1			
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance														Min			40.9
														Max			80.1
														Average			61.7

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						
4-Sep-23	Cloudy	302.5	753.1	3.3528	3.4591	0.1064	17891.2	17915.2	24.0	1.22	1.22	1.22	1754.1	60.6	177.0	260.0	
7-Sep-23	Fine	299.7	756.3	3.3283	3.3873	0.0591	17915.2	17939.2	24.0	1.22	1.23	1.23	1764.3	33.5			
13-Sep-23	Rainy	300.4	756.4	3.3400	3.3653	0.0252	17939.2	17963.2	24.0	1.21	1.22	1.21	1749.4	14.4			
19-Sep-23	Fine	302.6	759.6	3.3699	3.3980	0.0281	17963.2	17987.2	24.0	1.21	1.21	1.21	1746.5	16.1			
25-Sep-23	Sunny	302.9	758.8	3.3433	3.3884	0.0452	17987.2	18011.2	24.0	1.21	1.21	1.21	1744.9	25.9			
29-Sep-23	Sunny	302.9	759.4	3.3361	3.3766	0.0405	18011.2	18035.2	24.0	1.21	1.21	1.21	1745.5	23.2			
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance														Min			14.4
														Max			60.6
														Average			29.0

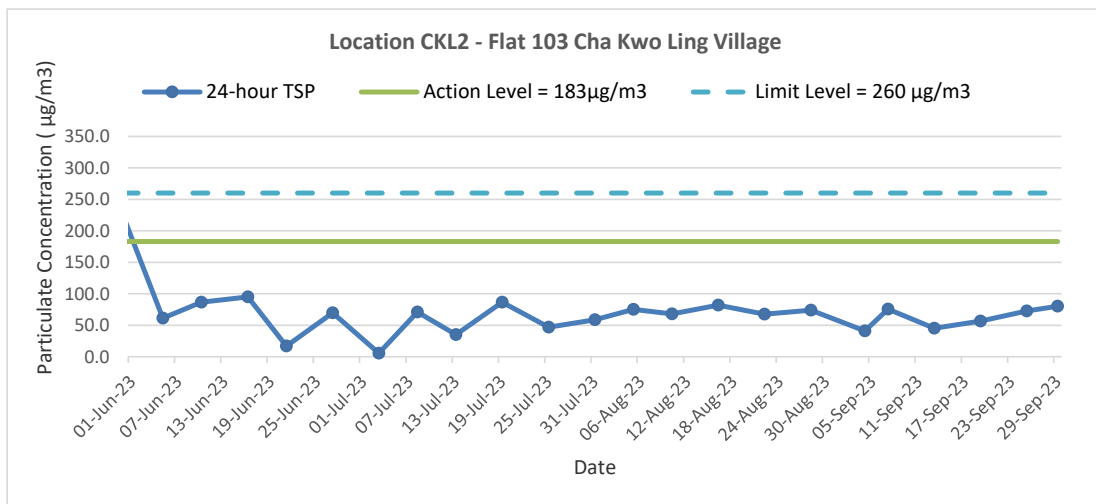
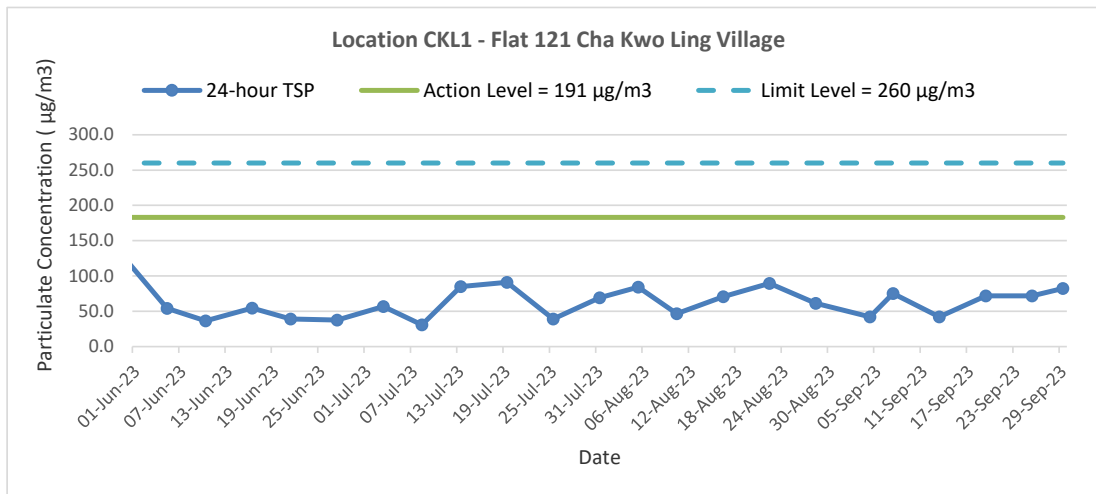
Location KER1 - Future Residential Development at Kerry Godown

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						
4-Sep-23	Fine	302.5	753.1	3.3342	3.4232	0.0890	15647.6	15671.6	24.0	1.22	1.22	1.22	1751.7	50.8	172.0	260.0	
7-Sep-23	Cloudy	299.7	756.3	3.3127	3.3866	0.0739	15695.6	15719.6	24.0	1.22	1.23	1.22	1762.6	41.9			
13-Sep-23	Fine	300.4	756.4	3.3550	3.4558	0.1007	15719.6	15743.6	24.0	1.21	1.22	1.21	1749.5	57.6			
19-Sep-23	Rainy	302.6	759.6	3.3159	3.3852	0.0693	15743.6	15767.6	24.0	1.21	1.21	1.21	1747.3	39.6			
25-Sep-23	Fine	302.9	758.8	3.3241	3.4090	0.0849	15767.6	15791.6	24.0	1.21	1.21	1.21	1745.7	48.6			
29-Sep-23	Sunny	302.9	759.4	3.3490	3.4872	0.1382	15791.6	15815.6	24.0	1.21	1.21	1.21	1746.3	79.2			
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance														Min			39.6
														Max			79.2
														Average			53.0

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

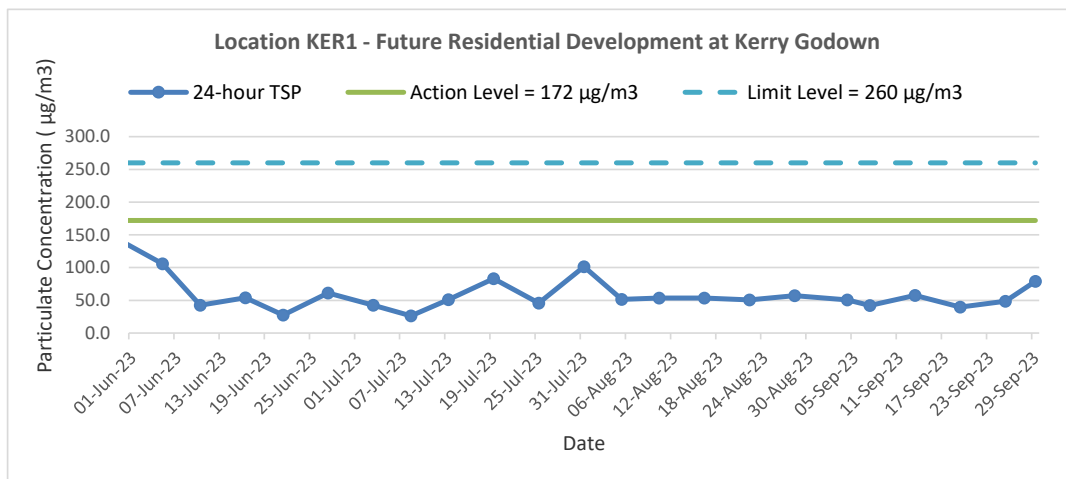
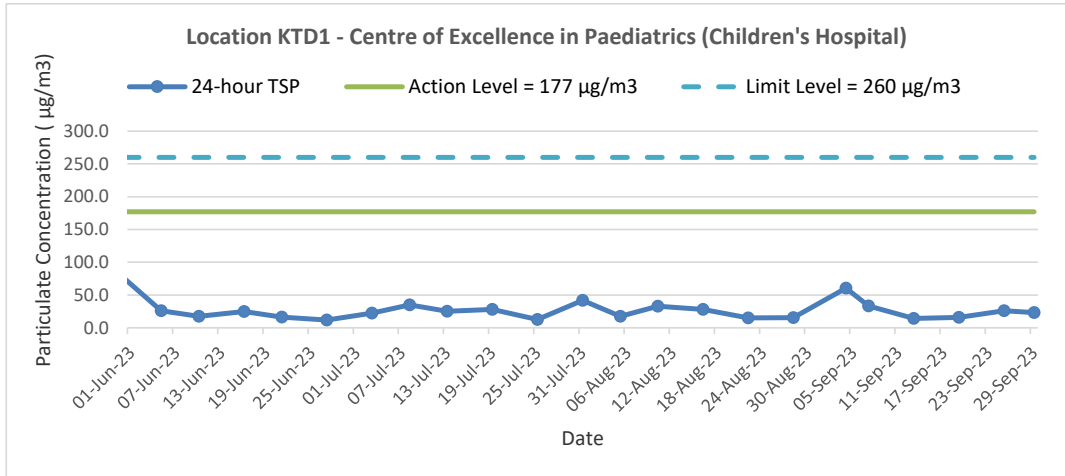
Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	
				Initial	Final		Initial	Final		Initial	Final						
4-Sep-23	Cloudy	302.5	753.1	3.3561	3.4201	0.0639	16361.3	16385.3	24.0	1.22	1.22	1.22	1752.4	36.5	157.0	260.0	
7-Sep-23	Cloudy	299.7	756.3	3.3545	3.4150	0.0605	16385.3	16409.3	24.0	1.22	1.23	1.22	1762.0	34.3			
13-Sep-23	Rainy	300.4	756.4	3.3425	3.3903	0.0478	16409.3	16433.3	24.0	1.21	1.22	1.21	1749.6	27.3			
19-Sep-23	Sunny	302.6	759.6	3.3537	3.4173	0.0636	16433.3	16457.3	24.0	1.21	1.21	1.21	1746.9	36.4			
25-Sep-23	Sunny	302.9	758.8	3.3158	3.3996	0.0838	16457.3	16481.3	24.0	1.21	1.21	1.21	1745.3	48.0			
29-Sep-23	Sunny	302.9	759.4	3.7019	3.8022	0.1003	16481.3	16505.3	24.0	1.21	1.21	1.21	1745.9	57.4			
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance														Min			27.3
														Max			57.4
														Average			40.0

24-hr TSP Concentration Levels



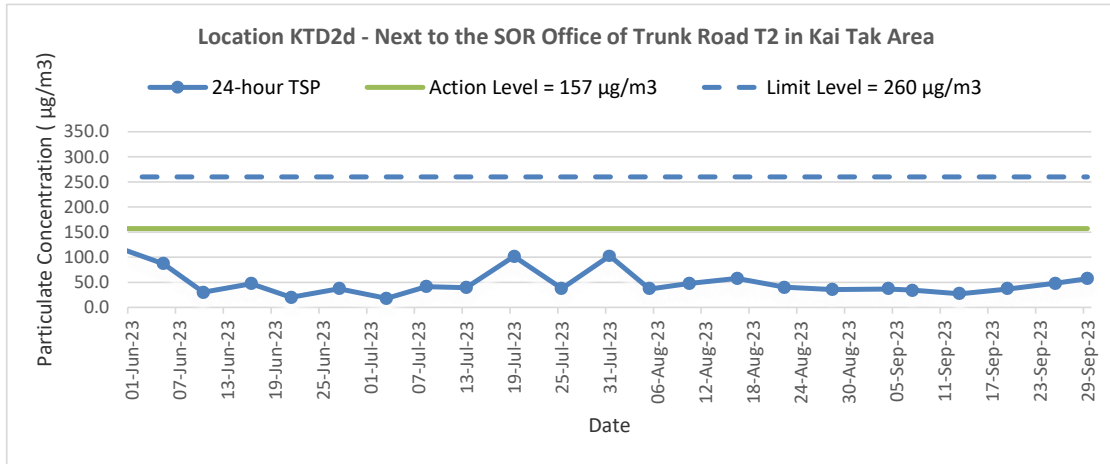
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Sep-23	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

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 Sep-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 Graphical Presentation of 24-hour TSP Monitoring Results	Date Sep-23	Project No. MA20003	CINOTECH
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