

Appendix F - 24-hour TSP Monitoring Results

Location AM1 - Tin Hau Temple

| Start Date | Weather | Filter Weight (g) | | Particulate | Elapse Time | | Sampling | Flow Rate (m ³ /min.) | | Av. flow | Total vol. | Conc. |
|------------|-----------|-------------------|--------|-------------|-------------|---------|------------|----------------------------------|-------|-----------------------|-------------------|----------------------|
| | Condition | Initial | Final | Weight (g) | Initial | Final | Time(hrs.) | Initial | Final | (m ³ /min) | (m ³) | (µg/m ³) |
| 1-Sep-22 | Fine | 3.3132 | 3.5066 | 0.1934 | 10530.5 | 10554.5 | 24.0 | 1.22 | 1.21 | 1.21 | 1749.0 | 110.6 |
| 7-Sep-22 | Sunny | 3.3361 | 3.5805 | 0.2444 | 10530.5 | 10554.5 | 24.0 | 1.22 | 1.22 | 1.22 | 1755.6 | 139.2 |
| 13-Sep-22 | Sunny | 3.2967 | 3.4018 | 0.1051 | 10554.5 | 10578.5 | 24.0 | 1.21 | 1.21 | 1.21 | 1743.5 | 60.3 |
| 19-Sep-22 | Sunny | 3.2953 | 3.4624 | 0.1671 | 10602.3 | 10626.3 | 24.0 | 1.22 | 1.22 | 1.22 | 1750.7 | 95.4 |
| 24-Sep-22 | Cloudy | 3.3039 | 3.5345 | 0.2306 | 16026.3 | 16050.3 | 24.0 | 1.22 | 1.22 | 1.22 | 1754.3 | 131.4 |
| 29-Sep-22 | Sunny | 3.3035 | 3.6520 | 0.3485 | 10650.3 | 10674.3 | 24.0 | 1.22 | 1.22 | 1.22 | 1758.2 | 198.2 |
| | | | | | | | | | | | Min | 60.3 |
| | | | | | | | | | | | Max | 198.2 |
| | | | | | | | | | | | Average | 122.5 |

Location AM2 - Sai Tso Wan Recreation Ground

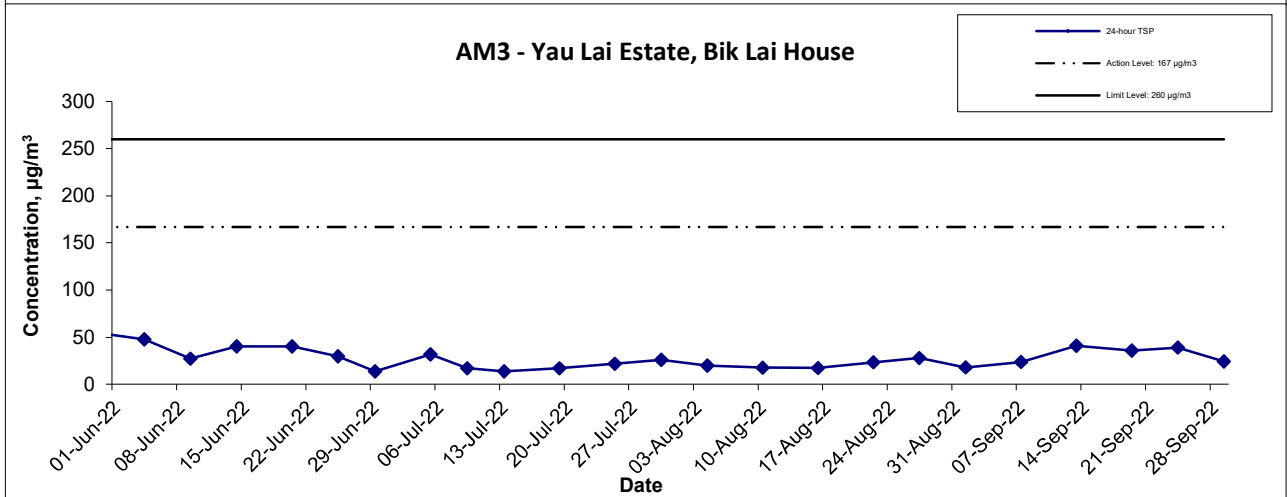
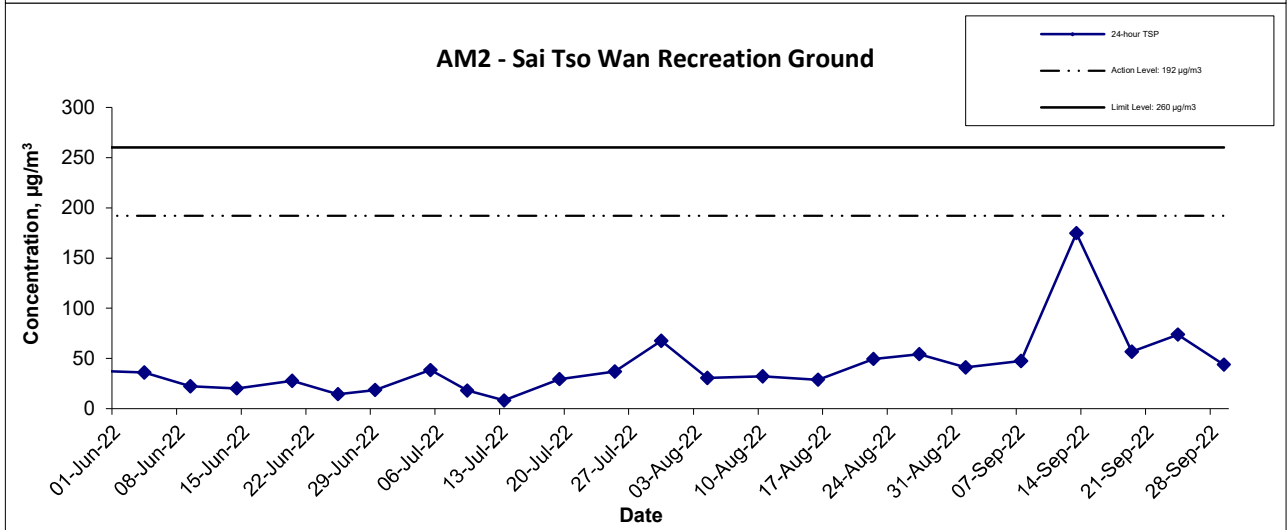
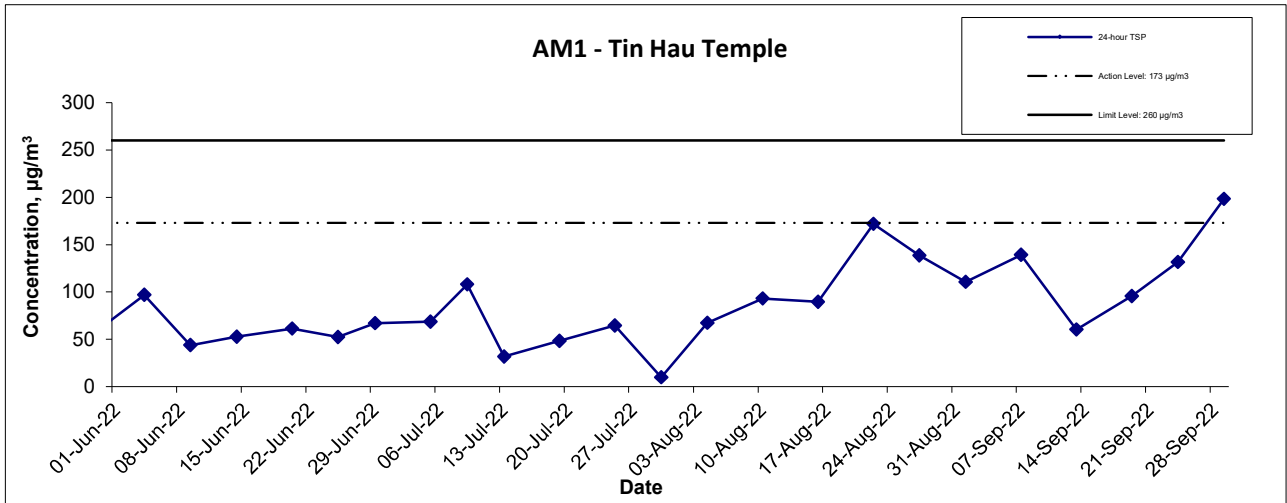
| Start Date | Weather | Filter Weight (g) | | Particulate | Elapse Time | | Sampling | Flow Rate (m ³ /min.) | | Av. flow | Total vol. | Conc. |
|------------|-----------|-------------------|--------|-------------|-------------|---------|------------|----------------------------------|-------|-----------------------|-------------------|----------------------|
| | Condition | Initial | Final | Weight (g) | Initial | Final | Time(hrs.) | Initial | Final | (m ³ /min) | (m ³) | (µg/m ³) |
| 1-Sep-22 | Cloudy | 3.3199 | 3.3916 | 0.0717 | 31627.1 | 31651.1 | 24.0 | 1.22 | 1.21 | 1.21 | 1748.9 | 41.0 |
| 7-Sep-22 | Sunny | 3.3048 | 3.3881 | 0.0833 | 31651.1 | 31675.1 | 24.0 | 1.22 | 1.22 | 1.22 | 1755.9 | 47.4 |
| 13-Sep-22 | Sunny | 3.3300 | 3.6349 | 0.3049 | 31675.1 | 31699.1 | 24.0 | 1.21 | 1.21 | 1.21 | 1743.6 | 174.9 |
| 19-Sep-22 | Cloudy | 3.3084 | 3.4078 | 0.0994 | 31699.1 | 31723.1 | 24.0 | 1.22 | 1.22 | 1.22 | 1750.7 | 56.8 |
| 24-Sep-22 | Fine | 3.2950 | 3.4244 | 0.1294 | 31723.1 | 31747.1 | 24.0 | 1.22 | 1.22 | 1.22 | 1754.6 | 73.7 |
| 29-Sep-22 | Cloudy | 3.3177 | 3.3950 | 0.0773 | 31807.3 | 31831.3 | 24.0 | 1.22 | 1.22 | 1.22 | 1759.4 | 43.9 |
| | | | | | | | | | | | Min | 41.0 |
| | | | | | | | | | | | Max | 174.9 |
| | | | | | | | | | | | Average | 73.0 |

Location AM3 - Yau Lai Estate, Bik Lai House

| Start Date | Weather | Filter Weight (g) | | Particulate | Elapse Time | | Sampling | Flow Rate (m ³ /min.) | | Av. flow | Total vol. | Conc. |
|------------|-----------|-------------------|--------|-------------|-------------|--------|------------|----------------------------------|-------|-----------------------|-------------------|----------------------|
| | Condition | Initial | Final | Weight (g) | Initial | Final | Time(hrs.) | Initial | Final | (m ³ /min) | (m ³) | (µg/m ³) |
| 1-Sep-22 | Fine | 3.3069 | 3.3383 | 0.0314 | 5969.6 | 5993.6 | 24.0 | 1.22 | 1.21 | 1.22 | 1749.9 | 17.9 |
| 7-Sep-22 | Sunny | 3.3128 | 3.3543 | 0.0415 | 5993.6 | 6017.6 | 24.0 | 1.22 | 1.22 | 1.22 | 1756.9 | 23.6 |
| 13-Sep-22 | Sunny | 3.3223 | 3.3938 | 0.0715 | 6017.6 | 6041.6 | 24.0 | 1.21 | 1.21 | 1.21 | 1744.0 | 41.0 |
| 19-Sep-22 | Cloudy | 3.2946 | 3.3573 | 0.0627 | 6041.6 | 6065.6 | 24.0 | 1.22 | 1.22 | 1.22 | 1751.6 | 35.8 |
| 24-Sep-22 | Sunny | 3.3189 | 3.3874 | 0.0685 | 6065.6 | 6089.7 | 24.0 | 1.22 | 1.22 | 1.22 | 1756.3 | 39.0 |
| 29-Sep-22 | Rainy | 3.3159 | 3.3585 | 0.0426 | 6089.7 | 6113.7 | 24.0 | 1.22 | 1.22 | 1.22 | 1759.6 | 24.2 |
| | | | | | | | | | | | Min | 17.9 |
| | | | | | | | | | | | Max | 41.0 |
| | | | | | | | | | | | Average | 30.3 |

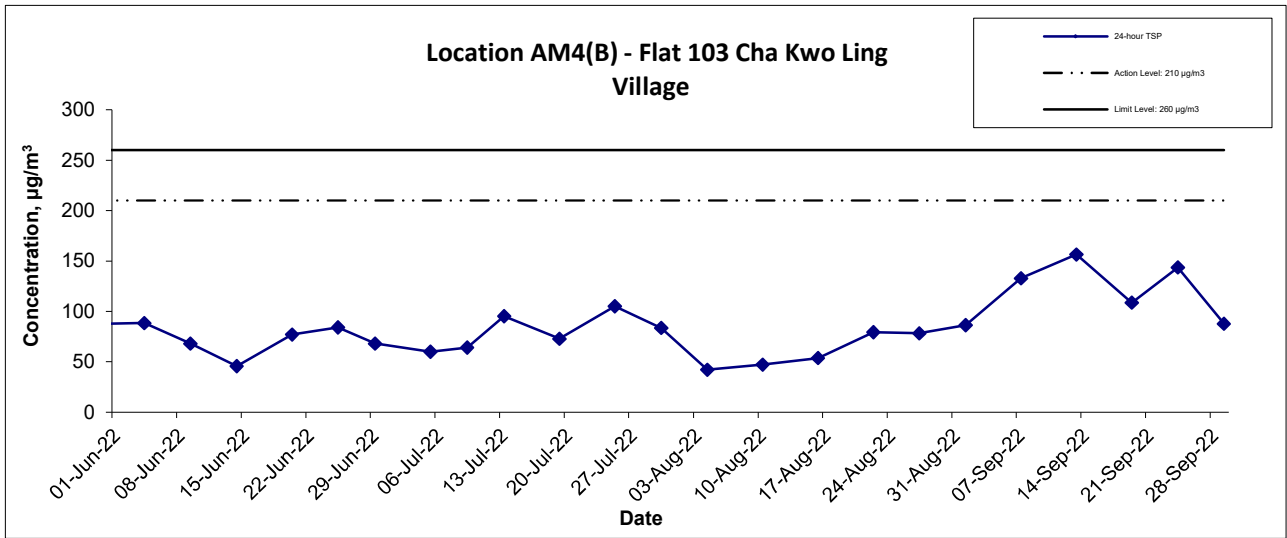
Location AM4(B) - Flat 103 Cha Kwo Ling Village

| Start Date | Weather | Filter Weight (g) | | Particulate | Elapse Time | | Sampling | Flow Rate (m ³ /min.) | | Av. flow | Total vol. | Conc. |
|------------|-----------|-------------------|--------|-------------|-------------|---------|------------|----------------------------------|-------|-----------------------|-------------------|----------------------|
| | Condition | Initial | Final | Weight (g) | Initial | Final | Time(hrs.) | Initial | Final | (m ³ /min) | (m ³) | (µg/m ³) |
| 1-Sep-22 | Sunny | 3.3321 | 3.4834 | 0.1513 | 16983.7 | 17007.7 | 24.0 | 1.22 | 1.22 | 1.22 | 1754.5 | 86.2 |
| 7-Sep-22 | Sunny | 3.3733 | 3.6077 | 0.2345 | 17007.7 | 17031.7 | 24.0 | 1.23 | 1.23 | 1.23 | 1766.2 | 132.7 |
| 13-Sep-22 | Sunny | 3.2975 | 3.5721 | 0.2746 | 17031.7 | 17055.7 | 24.0 | 1.22 | 1.22 | 1.22 | 1754.6 | 156.5 |
| 19-Sep-22 | Cloudy | 3.3207 | 3.5119 | 0.1912 | 17055.7 | 17079.7 | 24.0 | 1.22 | 1.22 | 1.22 | 1762.3 | 108.5 |
| 24-Sep-22 | Sunny | 3.2895 | 3.5429 | 0.2534 | 17079.7 | 17103.7 | 24.0 | 1.23 | 1.23 | 1.23 | 1765.1 | 143.6 |
| 29-Sep-22 | Rainy | 3.3400 | 3.4957 | 0.1557 | 17103.7 | 17127.9 | 24.1 | 1.23 | 1.23 | 1.23 | 1776.8 | 87.6 |
| | | | | | | | | | | | Min | 86.2 |
| | | | | | | | | | | | Max | 156.5 |
| | | | | | | | | | | | Average | 119.3 |



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|--|----------------|------------------------|----------|
| Contract No. ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results | Scale N.T.S | Project No. MA20003 | CINOTECH |
| | Date Sep-22 | Appendix F | |

24-hr TSP Concentration Levels



Notes:

- 1) The major activitie(s) being carried out on site during the reporting period is/are presented in Section 1.10
- 2) The weather conditions during the reporting month are presented in Appendix C.
- 3) Other factors which might affect the monitoring results are presented in Section 2.18.

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|---|--------|----------|----------|
| Contract No. ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results | Scale | Project | CINOTECH |
| | | N.T.S | |
| | Date | Appendix | |
| | Sep-22 | F | |