**Sample Calcuation of Portal Emission (NOx) at Hour 08**

| Tunnel | Source | Direction | Tunnel Length | Tunnel Length | Traffic Flow | Composite Emission Factor | Total Emission | Total Emission | Total Portal Emission | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | first 50%v source | second 50% source |
| | | | (m) | (mile) | (veh/hr) | (g/mile-veh) | (g/hr) | (g/s) | (g/s) | (g/s) |
| Tseung Kwan O Tunnel | Tseung Kwan O Tunnel (WB) Tunnel Portal at Kwun Tong Side | Tseung Kwan O Tunnel (WB) | 857 | 0.5324 | 2588 | 0.7533 | 1037.9507 | 0.2883 | 1.92E-01 | 9.61E-02 |
| | Tseung Kwan O Tunnel (EB) Tunnel Portal at Tseung Kwan O side | Tseung Kwan O Tunnel (EB) | 871 | 0.5410 | 1265 | 0.7552 | 516.8609 | 0.1436 | 9.57E-02 | 4.79E-02 |
| Landscape Deck within ARQ | Portal of Landscape Deck at Eastern Side and Western Side | Landscape Deck (EB) | 64 | 0.0397 | 456 | 0.9235 | 27.4865 | 0.0076 | 2.55E-03 | 1.27E-03 |
| | | Landscape Deck (WB) | | | 286 | 0.9503 | | | 2.55E-03 | 1.27E-03 |
| Underpass to Po Lam Road | Portal of Underpass to Po Lam Road at Eastern Side and Western Side | Underpass to Po Lam Road (EB) | 149 | 0.0928 | 498 | 0.9270 | 65.9124 | 0.0183 | 6.10E-03 | 3.05E-03 |
| | | Underpass to Po Lam Road (WB) | | | 269 | 0.9241 | | | 6.10E-03 | 3.05E-03 |

Note:
[1] The composite emission factors are calculated from the traffic flow provided by traffic engineer and the emission factors extracted from EmFAC-HK v2.6
[2] The emission showed in the table is a sample calculation at Hour 08 only. Emission of each hours are derived from corresponding traffic flow and emission factors at each hours.
[3] No ventilation building is served for the tunnel / landscape deck. All emission within the tunnel / Landscape Deck are exited at the tunnel portals.

**Sample Calcuation of Portal Emission (RSP) at Hour 08**

| Tunnel | Source | Direction | Tunnel Length | Tunnel Length | Traffic Flow | Composite Emission Factor | Total Emission | Total Emission | Total Portal Emission | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | first 50%v source | second 50% source |
| | | | (m) | (mile) | (veh/hr) | (g/mile-veh) | (g/hr) | (g/s) | (g/s) | (g/s) |
| Tseung Kwan O Tunnel | Tseung Kwan O Tunnel (WB) Tunnel Portal at Kwun Tong Side | Tseung Kwan O Tunnel (WB) | 857 | 0.5324 | 2588 | 0.0307 | 42.3627 | 0.0118 | 7.84E-03 | 3.92E-03 |
| | Tseung Kwan O Tunnel (EB) Tunnel Portal at Tseung Kwan O side | Tseung Kwan O Tunnel (EB) | 871 | 0.5410 | 1265 | 0.0308 | 21.1111 | 0.0059 | 3.91E-03 | 1.95E-03 |
| Landscape Deck within ARQ | Portal of Landscape Deck at Eastern Side and Western Side | Landscape Deck (EB) | 64 | 0.0397 | 456 | 0.0369 | 1.1071 | 0.0003 | 1.03E-04 | 5.13E-05 |
| | | Landscape Deck (WB) | | | 286 | 0.0388 | | | 1.03E-04 | 5.13E-05 |
| Underpass to Po Lam Road | Portal of Underpass to Po Lam Road at Eastern Side and Western Side | Underpass to Po Lam Road (EB) | 149 | 0.0928 | 498 | 0.0374 | 2.6436 | 0.0007 | 2.45E-04 | 1.22E-04 |
| | | Underpass to Po Lam Road (WB) | | | 269 | 0.0367 | | | 2.45E-04 | 1.22E-04 |

Note:
[1] The composite emission factors are calculated from the traffic flow provided by traffic engineer and the emission factors extracted from EmFAC-HK v2.6
[2] The emission showed in the table is a sample calculation at Hour 08 only. Emission of each hours are derived from corresponding traffic flow and emission factors at each hours.
[3] No ventilation building is served for the tunnel / landscape deck. All emission within the tunnel / Landscape Deck are exited at the tunnel portals.

**Sample Calcuation of Portal Emission (FSP) at Hour 08**

| Tunnel | Source | Direction | Tunnel Length | Tunnel Length | Traffic Flow | Composite Emission Factor | Total Emission | Total Emission | Total Portal Emission | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | first 50%v source | second 50% source |
| | | | (m) | (mile) | (veh/hr) | (g/mile-veh) | (g/hr) | (g/s) | (g/s) | (g/s) |
| Tseung Kwan O Tunnel | Tseung Kwan O Tunnel (WB) Tunnel Portal at Kwun Tong Side | Tseung Kwan O Tunnel (WB) | 857 | 0.5324 | 2588 | 0.0283 | 38.9879 | 0.0108 | 7.22E-03 | 3.61E-03 |
| | Tseung Kwan O Tunnel (EB) Tunnel Portal at Tseung Kwan O side | Tseung Kwan O Tunnel (EB) | 871 | 0.5410 | 1265 | 0.0284 | 19.4292 | 0.0054 | 3.60E-03 | 1.80E-03 |
| Landscape Deck within ARQ | Portal of Landscape Deck at Eastern Side and Western Side | Landscape Deck (EB) | 64 | 0.0397 | 456 | 0.0339 | 1.0177 | 0.0003 | 9.42E-05 | 4.71E-05 |
| | | Landscape Deck (WB) | | | 286 | 0.0356 | | | 9.42E-05 | 4.71E-05 |
| Underpass to Po Lam Road | Portal of Underpass to Po Lam Road at Eastern Side and Western Side | Underpass to Po Lam Road (EB) | 149 | 0.0928 | 498 | 0.0344 | 2.4300 | 0.0007 | 2.25E-04 | 1.13E-04 |
| | | Underpass to Po Lam Road (WB) | | | 269 | 0.0337 | | | 2.25E-04 | 1.13E-04 |

Note:
[1] The composite emission factors are calculated from the traffic flow provided by traffic engineer and the emission factors extracted from EmFAC-HK v2.6
[2] The emission showed in the table is a sample calculation at Hour 08 only. Emission of each hours are derived from corresponding traffic flow and emission factors at each hours.
[3] No ventilation building is served for the tunnel / landscape deck. All emission within the tunnel / Landscape Deck are exited at the tunnel portals.

**$NO_x$ Hourly Traffic Flow and Emission Factors at Year 2026**

| Tunnel | Source | Direction | Tunnel Length (m) | Tunnel Length (mile) | Traffic Flow and Emission Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Hr 00 | | Hr 01 | | Hr 02 | | Hr 03 | | Hr 04 | | Hr 05 | | Hr 06 | | Hr 07 | | Hr 08 | | Hr 09 | | Hr 10 | | Hr 11 | | Hr 12 | | Hr 13 | | Hr 14 | | Hr 15 | | Hr 16 | | Hr 17 | | Hr 18 | | Hr 19 | | Hr 20 | | Hr 21 | | Hr 22 | | Hr 23 | |
| | | | | | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) |
| Tseung Kwan O Tunnel | Tseung Kwan O Tunnel (WB) Tunnel Portal at Kwun Tong Side | Tseung Kwan O Tunnel (WB) | 857 | 0.5324 | 787 | 0.6782 | 571 | 0.6835 | 447 | 0.6805 | 353 | 0.6684 | 351 | 0.6720 | 569 | 0.6941 | 1083 | 0.7034 | 2166 | 0.7396 | 2588 | 0.7533 | 2350 | 0.7363 | 2170 | 0.7336 | 2044 | 0.7175 | 2026 | 0.7144 | 1975 | 0.7152 | 2191 | 0.7296 | 2293 | 0.7284 | 2426 | 0.7302 | 2470 | 0.7477 | 2431 | 0.7297 | 2090 | 0.7284 | 1608 | 0.7092 | 1478 | 0.7007 | 1409 | 0.6980 | 1163 | 0.6938 |
| | Tseung Kwan O Tunnel (EB) Tunnel Portal at Tseung Kwan O side | Tseung Kwan O Tunnel (EB) | 871 | 0.5410 | 385 | 0.6832 | 279 | 0.6730 | 218 | 0.6656 | 173 | 0.6828 | 172 | 0.6551 | 278 | 0.6846 | 530 | 0.6993 | 1059 | 0.7407 | 1265 | 0.7552 | 1149 | 0.7387 | 1060 | 0.7347 | 999 | 0.7184 | 990 | 0.7196 | 965 | 0.7171 | 1071 | 0.7319 | 1121 | 0.7323 | 1186 | 0.7337 | 1207 | 0.7460 | 1188 | 0.7332 | 1022 | 0.7304 | 786 | 0.7128 | 722 | 0.6979 | 689 | 0.7028 | 568 | 0.6957 |
| Landscape Deck within ARQ | Portal of Landscape Deck at Eastern Side and Western Side | Landscape Deck (EB) | 64 | 0.0397 | 182 | 0.9122 | 114 | 0.9031 | 80 | 0.9245 | 61 | 0.9854 | 65 | 0.9539 | 100 | 0.9437 | 212 | 0.9251 | 448 | 0.9370 | 456 | 0.9235 | 457 | 0.9160 | 401 | 0.9194 | 380 | 0.9064 | 385 | 0.9005 | 370 | 0.9096 | 381 | 0.9057 | 414 | 0.9152 | 432 | 0.9092 | 440 | 0.9240 | 429 | 0.9156 | 374 | 0.9162 | 306 | 0.9285 | 284 | 0.9060 | 280 | 0.9134 | 244 | 0.9072 |
| | | Landscape Deck (WB) | | | 114 | 0.9013 | 72 | 0.9265 | 50 | 0.9038 | 38 | 0.9878 | 41 | 0.9511 | 63 | 0.9660 | 133 | 0.9571 | 281 | 0.9640 | 286 | 0.9503 | 286 | 0.9426 | 251 | 0.9222 | 238 | 0.9340 | 241 | 0.9280 | 232 | 0.9112 | 239 | 0.9332 | 260 | 0.9190 | 271 | 0.9343 | 276 | 0.9530 | 269 | 0.9420 | 235 | 0.9486 | 192 | 0.9219 | 178 | 0.9289 | 176 | 0.9349 | 153 | 0.9241 |
| Underpass to Po Lam Road | Portal of Underpass to Po Lam Road at Eastern Side and Western Side | Underpass to Po Lam Road (EB) | 149 | 0.0928 | 199 | 0.8996 | 125 | 0.8873 | 88 | 0.8937 | 67 | 0.9563 | 71 | 0.9244 | 109 | 0.9166 | 232 | 0.9255 | 489 | 0.9387 | 498 | 0.9270 | 499 | 0.9193 | 438 | 0.9039 | 415 | 0.9094 | 420 | 0.9068 | 405 | 0.9198 | 416 | 0.9086 | 452 | 0.9137 | 472 | 0.9146 | 481 | 0.9268 | 469 | 0.9211 | 409 | 0.9263 | 334 | 0.9199 | 310 | 0.9161 | 306 | 0.9217 | 266 | 0.9162 |
| | | Underpass to Po Lam Road (WB) | | | 108 | 0.9201 | 67 | 0.9503 | 47 | 0.9130 | 36 | 0.9049 | 39 | 0.9860 | 59 | 1.0011 | 125 | 0.8967 | 264 | 0.9373 | 269 | 0.9241 | 269 | 0.9165 | 236 | 0.9140 | 224 | 0.9173 | 227 | 0.9113 | 219 | 0.9214 | 225 | 0.9167 | 244 | 0.9024 | 255 | 0.9234 | 260 | 0.9270 | 253 | 0.9268 | 221 | 0.9335 | 180 | 0.9273 | 168 | 0.9037 | 165 | 0.9036 | 144 | 0.9262 |

**$NO_x$ Hourly Emission at Year 2026**

| Tunnel | Source | Direction | Tunnel Length (m) | Tunnel Length (mile) | Hourly NOx Emission (g/hr) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Hr 00 | | Hr 01 | | Hr 02 | | Hr 03 | | Hr 04 | | Hr 05 | | Hr 06 | | Hr 07 | | Hr 08 | | Hr 09 | | Hr 10 | | Hr 11 | | Hr 12 | | Hr 13 | | Hr 14 | | Hr 15 | | Hr 16 | | Hr 17 | | Hr 18 | | Hr 19 | | Hr 20 | | Hr 21 | | Hr 22 | | Hr 23 | |
| | | | | | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) |
| Tseung Kwan O Tunnel | Tseung Kwan O Tunnel (WB) Tunnel Portal at Kwun Tong Side | Tseung Kwan O Tunnel (WB) | 857 | 0.5324 | 284 | 284 | 208 | 208 | 162 | 162 | 126 | 126 | 126 | 126 | 210 | 210 | 406 | 406 | 853 | 853 | 1038 | 1038 | 921 | 921 | 847 | 847 | 781 | 781 | 771 | 771 | 752 | 752 | 851 | 851 | 889 | 889 | 943 | 943 | 983 | 983 | 944 | 944 | 811 | 811 | 607 | 607 | 551 | 551 | 524 | 524 | 430 | 430 |
| | Tseung Kwan O Tunnel (EB) Tunnel Portal at Tseung Kwan O side | Tseung Kwan O Tunnel (EB) | 871 | 0.5410 | 142 | 142 | 102 | 102 | 79 | 79 | 64 | 64 | 61 | 61 | 103 | 103 | 201 | 201 | 424 | 424 | 517 | 517 | 459 | 459 | 423 | 421 | 388 | 388 | 385 | 385 | 374 | 374 | 424 | 424 | 444 | 444 | 471 | 471 | 487 | 487 | 471 | 471 | 404 | 404 | 303 | 303 | 273 | 273 | 262 | 262 | 214 | 214 |
| Landscape Deck within ARQ | Portal of Landscape Deck at Eastern Side and Western Side | Landscape Deck (EB) | 64 | 0.0397 | 7 | 11 | 4 | 7 | 3 | 5 | 2 | 4 | 2 | 4 | 4 | 6 | 8 | 13 | 17 | 27 | 17 | 27 | 17 | 27 | 15 | 24 | 14 | 22 | 14 | 23 | 13 | 22 | 14 | 23 | 15 | 25 | 16 | 26 | 16 | 27 | 16 | 26 | 14 | 22 | 11 | 18 | 10 | 17 | 10 | 17 | 9 | 14 |
| | | Landscape Deck (WB) | | | 4 | | 3 | | 2 | | 1 | | 2 | | 2 | | 5 | | 11 | | 11 | | 11 | | 9 | | 9 | | 9 | | 8 | | 9 | | 9 | | 10 | | 10 | | 10 | | 9 | | 7 | | 7 | | 7 | | 6 | |
| Underpass to Po Lam Road | Portal of Underpass to Po Lam Road at Eastern Side and Western Side | Underpass to Po Lam Road (EB) | 149 | 0.0928 | 17 | 26 | 10 | 16 | 7 | 11 | 6 | 9 | 6 | 10 | 9 | 15 | 20 | 30 | 43 | 66 | 43 | 66 | 43 | 65 | 37 | 57 | 35 | 54 | 35 | 55 | 35 | 53 | 35 | 54 | 38 | 59 | 40 | 62 | 41 | 64 | 40 | 62 | 35 | 54 | 29 | 44 | 26 | 40 | 26 | 40 | 23 | 35 |
| | | Underpass to Po Lam Road (WB) | | | 9 | | 6 | | 4 | | 3 | | 4 | | 5 | | 10 | | 23 | | 23 | | 23 | | 20 | | 19 | | 19 | | 19 | | 19 | | 20 | | 22 | | 22 | | 22 | | 19 | | 15 | | 14 | | 14 | | 12 | |

**$NO_x$ Hourly Emission at Year 2026**

| Tunnel | Source | Tunnel Length (m) | Tunnel Length (mile) | Hourly NOx Emission Rate at Tunnel Portal (g/s) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Hr 00 | Hr 01 | Hr 02 | Hr 03 | Hr 04 | Hr 05 | Hr 06 | Hr 07 | Hr 08 | Hr 09 | Hr 10 | Hr 11 | Hr 12 | Hr 13 | Hr 14 | Hr 15 | Hr 16 | Hr 17 | Hr 18 | Hr 19 | Hr 20 | Hr 21 | Hr 22 | Hr 23 |
| | | | | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) | Emission (g/s) |
| Tseung Kwan O Tunnel | Tseung Kwan O Tunnel (WB) Tunnel Portal at Kwun Tong Side | 857 | 0.5324 | 7.89E-02 | 5.77E-02 | 4.50E-02 | 3.49E-02 | 3.49E-02 | 5.84E-02 | 1.13E-01 | 2.37E-01 | 2.88E-01 | 2.56E-01 | 2.35E-01 | 2.17E-01 | 2.14E-01 | 2.09E-01 | 2.36E-01 | 2.47E-01 | 2.62E-01 | 2.73E-01 | 2.62E-01 | 2.25E-01 | 1.69E-01 | 1.53E-01 | 1.45E-01 | 1.19E-01 |
| | Tseung Kwan O Tunnel (EB) Tunnel Portal at Tseung Kwan O side | 871 | 0.5410 | 3.95E-02 | 2.82E-02 | 2.18E-02 | 1.78E-02 | 1.69E-02 | 2.86E-02 | 5.57E-02 | 1.18E-01 | 1.44E-01 | 1.28E-01 | 1.17E-01 | 1.08E-01 | 1.07E-01 | 1.04E-01 | 1.18E-01 | 1.23E-01 | 1.31E-01 | 1.36E-01 | 1.31E-01 | 1.12E-01 | 8.42E-02 | 7.57E-02 | 7.28E-02 | 5.94E-02 |
| Landscape Deck within ARQ | Portal of Landscape Deck at Eastern Side | 64 | 0.0397 | 1.48E-03 | 9.35E-04 | 6.56E-04 | 5.38E-04 | 5.56E-04 | 8.55E-04 | 1.78E-03 | 3.81E-03 | 3.82E-03 | 3.79E-03 | 3.31E-03 | 3.12E-03 | 3.14E-03 | 3.02E-03 | 3.13E-03 | 3.40E-03 | 3.56E-03 | 3.69E-03 | 3.56E-03 | 3.12E-03 | 2.54E-03 | 2.33E-03 | 2.32E-03 | 2.00E-03 |
| | Portal of Landscape Deck at Western Side | | | 1.48E-03 | 9.35E-04 | 6.56E-04 | 5.38E-04 | 5.56E-04 | 8.55E-04 | 1.78E-03 | 3.81E-03 | 3.82E-03 | 3.79E-03 | 3.31E-03 | 3.12E-03 | 3.14E-03 | 3.02E-03 | 3.13E-03 | 3.40E-03 | 3.56E-03 | 3.69E-03 | 3.56E-03 | 3.12E-03 | 2.54E-03 | 2.33E-03 | 2.32E-03 | 2.00E-03 |
| Underpass to Po Lam Road | Portal of underpass to Po Lam Road at Eastern Side | 149 | 0.0928 | 3.59E-03 | 2.25E-03 | 1.57E-03 | 1.25E-03 | 1.34E-03 | 2.05E-03 | 4.21E-03 | 9.11E-03 | 9.15E-03 | 9.09E-03 | 7.88E-03 | 7.51E-03 | 7.58E-03 | 7.40E-03 | 7.53E-03 | 8.16E-03 | 8.60E-03 | 8.85E-03 | 8.59E-03 | 7.54E-03 | 6.11E-03 | 5.62E-03 | 5.56E-03 | 4.86E-03 |
| | Portal of underpass to Po Lam Road at Western Side | | | 3.59E-03 | 2.25E-03 | 1.57E-03 | 1.25E-03 | 1.34E-03 | 2.05E-03 | 4.21E-03 | 9.11E-03 | 9.15E-03 | 9.09E-03 | 7.88E-03 | 7.51E-03 | 7.58E-03 | 7.40E-03 | 7.53E-03 | 8.16E-03 | 8.60E-03 | 8.85E-03 | 8.59E-03 | 7.54E-03 | 6.11E-03 | 5.62E-03 | 5.56E-03 | 4.86E-03 |

**NO2 Emission Inventory for Tunnel Portal Emission at 2026**

| Tunnel | Source | Source ID | Type | X | Y | Base Elevation | Release Height | Lateral Dim. (Sy) | Vertical Dim. (Sz) | Hourly NOx Emission Rate (g/s) | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | (m) | (m) | (m) | (m) | (m) | (m) | Hr 00 | Hr 01 | Hr 02 | Hr 03 | Hr 04 | Hr 05 | Hr 06 | Hr 07 | Hr 08 | Hr 09 | Hr 10 | Hr 11 | Hr 12 | Hr 13 | Hr 14 | Hr 15 | Hr 16 | Hr 17 | Hr 18 | Hr 19 | Hr 20 | Hr 21 | Hr 22 | Hr 23 |
| Tseung Kwan O Tunnel | Tseung Kwan O Tunnel (WB) Tunnel Portal at Kwun Tong Side | TTW01 | Volume | 843056.2 | 819795.5 | 81.1 | 3.80 | 3.26 | 3.53 | 6.58E-03 | 4.81E-03 | 3.75E-03 | 2.91E-03 | 2.91E-03 | 4.87E-03 | 9.39E-03 | 1.97E-02 | 2.40E-02 | 2.13E-02 | 1.96E-02 | 1.81E-02 | 1.78E-02 | 1.74E-02 | 1.97E-02 | 2.06E-02 | 2.18E-02 | 2.28E-02 | 2.19E-02 | 1.88E-02 | 1.41E-02 | 1.28E-02 | 1.21E-02 | 9.94E-03 |
| | | TTW02 | Volume | 843050.6 | 819791.4 | 81.1 | 3.80 | 3.26 | 3.53 | 6.58E-03 | 4.81E-03 | 3.75E-03 | 2.91E-03 | 2.91E-03 | 4.87E-03 | 9.39E-03 | 1.97E-02 | 2.40E-02 | 2.13E-02 | 1.96E-02 | 1.81E-02 | 1.78E-02 | 1.74E-02 | 1.97E-02 | 2.06E-02 | 2.18E-02 | 2.28E-02 | 2.19E-02 | 1.88E-02 | 1.41E-02 | 1.28E-02 | 1.21E-02 | 9.94E-03 |
| | | TTW03 | Volume | 843044.9 | 819787.2 | 81.1 | 3.80 | 3.26 | 3.53 | 6.58E-03 | 4.81E-03 | 3.75E-03 | 2.91E-03 | 2.91E-03 | 4.87E-03 | 9.39E-03 | 1.97E-02 | 2.40E-02 | 2.13E-02 | 1.96E-02 | 1.81E-02 | 1.78E-02 | 1.74E-02 | 1.97E-02 | 2.06E-02 | 2.18E-02 | 2.28E-02 | 2.19E-02 | 1.88E-02 | 1.41E-02 | 1.28E-02 | 1.21E-02 | 9.94E-03 |
| | | TTW04 | Volume | 843039.2 | 819783.1 | 81.1 | 3.80 | 3.26 | 3.53 | 6.58E-03 | 4.81E-03 | 3.75E-03 | 2.91E-03 | 2.91E-03 | 4.87E-03 | 9.39E-03 | 1.97E-02 | 2.40E-02 | 2.13E-02 | 1.96E-02 | 1.81E-02 | 1.78E-02 | 1.74E-02 | 1.97E-02 | 2.06E-02 | 2.18E-02 | 2.28E-02 | 2.19E-02 | 1.88E-02 | 1.41E-02 | 1.28E-02 | 1.21E-02 | 9.94E-03 |
| | | TTW05 | Volume | 843033.6 | 819779.0 | 81.1 | 3.80 | 3.26 | 3.53 | 6.58E-03 | 4.81E-03 | 3.75E-03 | 2.91E-03 | 2.91E-03 | 4.87E-03 | 9.39E-03 | 1.97E-02 | 2.40E-02 | 2.13E-02 | 1.96E-02 | 1.81E-02 | 1.78E-02 | 1.74E-02 | 1.97E-02 | 2.06E-02 | 2.18E-02 | 2.28E-02 | 2.19E-02 | 1.88E-02 | 1.41E-02 | 1.28E-02 | 1.21E-02 | 9.94E-03 |
| | | TTW06 | Volume | 843027.9 | 819774.9 | 81.1 | 3.80 | 3.26 | 3.53 | 6.58E-03 | 4.81E-03 | 3.75E-03 | 2.91E-03 | 2.91E-03 | 4.87E-03 | 9.39E-03 | 1.97E-02 | 2.40E-02 | 2.13E-02 | 1.96E-02 | 1.81E-02 | 1.78E-02 | 1.74E-02 | 1.97E-02 | 2.06E-02 | 2.18E-02 | 2.28E-02 | 2.19E-02 | 1.88E-02 | 1.41E-02 | 1.28E-02 | 1.21E-02 | 9.94E-03 |
| | | TTW07 | Volume | 843022.2 | 819770.8 | 81.1 | 3.80 | 3.26 | 3.53 | 6.58E-03 | 4.81E-03 | 3.75E-03 | 2.91E-03 | 2.91E-03 | 4.87E-03 | 9.39E-03 | 1.97E-02 | 2.40E-02 | 2.13E-02 | 1.96E-02 | 1.81E-02 | 1.78E-02 | 1.74E-02 | 1.97E-02 | 2.06E-02 | 2.18E-02 | 2.28E-02 | 2.19E-02 | 1.88E-02 | 1.41E-02 | 1.28E-02 | 1.21E-02 | 9.94E-03 |
| | | TTW08 | Volume | 843016.6 | 819766.7 | 81.1 | 3.80 | 3.26 | 3.53 | 6.58E-03 | 4.81E-03 | 3.75E-03 | 2.91E-03 | 2.91E-03 | 4.87E-03 | 9.39E-03 | 1.97E-02 | 2.40E-02 | 2.13E-02 | 1.96E-02 | 1.81E-02 | 1.78E-02 | 1.74E-02 | 1.97E-02 | 2.06E-02 | 2.18E-02 | 2.28E-02 | 2.19E-02 | 1.88E-02 | 1.41E-02 | 1.28E-02 | 1.21E-02 | 9.94E-03 |
| | | TTW09 | Volume | 843010.9 | 819762.6 | 81.1 | 3.80 | 3.26 | 3.53 | 3.29E-03 | 2.40E-03 | 1.87E-03 | 1.45E-03 | 1.45E-03 | 2.43E-03 | 4.69E-03 | 9.87E-03 | 1.20E-02 | 1.07E-02 | 9.81E-03 | 9.04E-03 | 8.92E-03 | 8.70E-03 | 9.85E-03 | 1.03E-02 | 1.09E-02 | 1.14E-02 | 1.09E-02 | 9.38E-03 | 7.03E-03 | 6.38E-03 | 6.06E-03 | 4.97E-03 |
| | | TTW10 | Volume | 843005.2 | 819758.4 | 81.1 | 3.80 | 3.26 | 3.53 | 3.29E-03 | 2.40E-03 | 1.87E-03 | 1.45E-03 | 1.45E-03 | 2.43E-03 | 4.69E-03 | 9.87E-03 | 1.20E-02 | 1.07E-02 | 9.81E-03 | 9.04E-03 | 8.92E-03 | 8.70E-03 | 9.85E-03 | 1.03E-02 | 1.09E-02 | 1.14E-02 | 1.09E-02 | 9.38E-03 | 7.03E-03 | 6.38E-03 | 6.06E-03 | 4.97E-03 |
| | | TTW11 | Volume | 842999.6 | 819754.3 | 81.1 | 3.80 | 3.26 | 3.53 | 3.29E-03 | 2.40E-03 | 1.87E-03 | 1.45E-03 | 1.45E-03 | 2.43E-03 | 4.69E-03 | 9.87E-03 | 1.20E-02 | 1.07E-02 | 9.81E-03 | 9.04E-03 | 8.92E-03 | 8.70E-03 | 9.85E-03 | 1.03E-02 | 1.09E-02 | 1.14E-02 | 1.09E-02 | 9.38E-03 | 7.03E-03 | 6.38E-03 | 6.06E-03 | 4.97E-03 |
| | | TTW12 | Volume | 842993.9 | 819750.2 | 81.1 | 3.80 | 3.26 | 3.53 | 3.29E-03 | 2.40E-03 | 1.87E-03 | 1.45E-03 | 1.45E-03 | 2.43E-03 | 4.69E-03 | 9.87E-03 | 1.20E-02 | 1.07E-02 | 9.81E-03 | 9.04E-03 | 8.92E-03 | 8.70E-03 | 9.85E-03 | 1.03E-02 | 1.09E-02 | 1.14E-02 | 1.09E-02 | 9.38E-03 | 7.03E-03 | 6.38E-03 | 6.06E-03 | 4.97E-03 |
| | | TTW13 | Volume | 842988.3 | 819746.1 | 81.1 | 3.80 | 3.26 | 3.53 | 3.29E-03 | 2.40E-03 | 1.87E-03 | 1.45E-03 | 1.45E-03 | 2.43E-03 | 4.69E-03 | 9.87E-03 | 1.20E-02 | 1.07E-02 | 9.81E-03 | 9.04E-03 | 8.92E-03 | 8.70E-03 | 9.85E-03 | 1.03E-02 | 1.09E-02 | 1.14E-02 | 1.09E-02 | 9.38E-03 | 7.03E-03 | 6.38E-03 | 6.06E-03 | 4.97E-03 |
| | | TTW14 | Volume | 842982.6 | 819742.0 | 81.1 | 3.80 | 3.26 | 3.53 | 3.29E-03 | 2.40E-03 | 1.87E-03 | 1.45E-03 | 1.45E-03 | 2.43E-03 | 4.69E-03 | 9.87E-03 | 1.20E-02 | 1.07E-02 | 9.81E-03 | 9.04E-03 | 8.92E-03 | 8.70E-03 | 9.85E-03 | 1.03E-02 | 1.09E-02 | 1.14E-02 | 1.09E-02 | 9.38E-03 | 7.03E-03 | 6.38E-03 | 6.06E-03 | 4.97E-03 |
| | | TTW15 | Volume | 842976.9 | 819737.9 | 81.1 | 3.80 | 3.26 | 3.53 | 3.29E-03 | 2.40E-03 | 1.87E-03 | 1.45E-03 | 1.45E-03 | 2.43E-03 | 4.69E-03 | 9.87E-03 | 1.20E-02 | 1.07E-02 | 9.81E-03 | 9.04E-03 | 8.92E-03 | 8.70E-03 | 9.85E-03 | 1.03E-02 | 1.09E-02 | 1.14E-02 | 1.09E-02 | 9.38E-03 | 7.03E-03 | 6.38E-03 | 6.06E-03 | 4.97E-03 |
| | | TTW16 | Volume | 842971.3 | 819733.8 | 81.1 | 3.80 | 3.26 | 3.53 | 3.29E-03 | 2.40E-03 | 1.87E-03 | 1.45E-03 | 1.45E-03 | 2.43E-03 | 4.69E-03 | 9.87E-03 | 1.20E-02 | 1.07E-02 | 9.81E-03 | 9.04E-03 | 8.92E-03 | 8.70E-03 | 9.85E-03 | 1.03E-02 | 1.09E-02 | 1.14E-02 | 1.09E-02 | 9.38E-03 | 7.03E-03 | 6.38E-03 | 6.06E-03 | 4.97E-03 |
| | Tseung Kwan O Tunnel (EB) Tunnel Portal at Tseung Kwan O side | TTE01 | Volume | 843804.3 | 820239.6 | 62.5 | 3.80 | 3.26 | 3.53 | 3.29E-03 | 2.35E-03 | 1.82E-03 | 1.48E-03 | 1.41E-03 | 2.38E-03 | 4.64E-03 | 9.82E-03 | 1.20E-02 | 1.06E-02 | 9.75E-03 | 8.99E-03 | 8.92E-03 | 8.67E-03 | 9.82E-03 | 1.03E-02 | 1.09E-02 | 1.13E-02 | 1.09E-02 | 9.35E-03 | 7.02E-03 | 6.31E-03 | 6.06E-03 | 4.95E-03 |
| | | TTE02 | Volume | 843811.3 | 820240.6 | 62.5 | 3.80 | 3.26 | 3.53 | 3.29E-03 | 2.35E-03 | 1.82E-03 | 1.48E-03 | 1.41E-03 | 2.38E-03 | 4.64E-03 | 9.82E-03 | 1.20E-02 | 1.06E-02 | 9.75E-03 | 8.99E-03 | 8.92E-03 | 8.67E-03 | 9.82E-03 | 1.03E-02 | 1.09E-02 | 1.13E-02 | 1.09E-02 | 9.35E-03 | 7.02E-03 | 6.31E-03 | 6.06E-03 | 4.95E-03 |
| | | TTE03 | Volume | 843818.2 | 820241.6 | 62.5 | 3.80 | 3.26 | 3.53 | 3.29E-03 | 2.35E-03 | 1.82E-03 | 1.48E-03 | 1.41E-03 | 2.38E-03 | 4.64E-03 | 9.82E-03 | 1.20E-02 | 1.06E-02 | 9.75E-03 | 8.99E-03 | 8.92E-03 | 8.67E-03 | 9.82E-03 | 1.03E-02 | 1.09E-02 | 1.13E-02 | 1.09E-02 | 9.35E-03 | 7.02E-03 | 6.31E-03 | 6.06E-03 | 4.95E-03 |
| | | TTE04 | Volume | 843825.1 | 820242.5 | 62.5 | 3.80 | 3.26 | 3.53 | 3.29E-03 | 2.35E-03 | 1.82E-03 | 1.48E-03 | 1.41E-03 | 2.38E-03 | 4.64E-03 | 9.82E-03 | 1.20E-02 | 1.06E-02 | 9.75E-03 | 8.99E-03 | 8.92E-03 | 8.67E-03 | 9.82E-03 | 1.03E-02 | 1.09E-02 | 1.13E-02 | 1.09E-02 | 9.35E-03 | 7.02E-03 | 6.31E-03 | 6.06E-03 | 4.95E-03 |
| | | TTE05 | Volume | 843832.0 | 820243.5 | 62.5 | 3.80 | 3.26 | 3.53 | 3.29E-03 | 2.35E-03 | 1.82E-03 | 1.48E-03 | 1.41E-03 | 2.38E-03 | 4.64E-03 | 9.82E-03 | 1.20E-02 | 1.06E-02 | 9.75E-03 | 8.99E-03 | 8.92E-03 | 8.67E-03 | 9.82E-03 | 1.03E-02 | 1.09E-02 | 1.13E-02 | 1.09E-02 | 9.35E-03 | 7.02E-03 | 6.31E-03 | 6.06E-03 | 4.95E-03 |
| | | TTE06 | Volume | 843839.0 | 820244.5 | 62.5 | 3.80 | 3.26 | 3.53 | 3.29E-03 | 2.35E-03 | 1.82E-03 | 1.48E-03 | 1.41E-03 | 2.38E-03 | 4.64E-03 | 9.82E-03 | 1.20E-02 | 1.06E-02 | 9.75E-03 | 8.99E-03 | 8.92E-03 | 8.67E-03 | 9.82E-03 | 1.03E-02 | 1.09E-02 | 1.13E-02 | 1.09E-02 | 9.35E-03 | 7.02E-03 | 6.31E-03 | 6.06E-03 | 4.95E-03 |
| | | TTE07 | Volume | 843845.9 | 820245.5 | 62.5 | 3.80 | 3.26 | 3.53 | 3.29E-03 | 2.35E-03 | 1.82E-03 | 1.48E-03 | 1.41E-03 | 2.38E-03 | 4.64E-03 | 9.82E-03 | 1.20E-02 | 1.06E-02 | 9.75E-03 | 8.99E-03 | 8.92E-03 | 8.67E-03 | 9.82E-03 | 1.03E-02 | 1.09E-02 | 1.13E-02 | 1.09E-02 | 9.35E-03 | 7.02E-03 | 6.31E-03 | 6.06E-03 | 4.95E-03 |
| | | TTE08 | Volume | 843852.8 | 820246.4 | 62.5 | 3.80 | 3.26 | 3.53 | 3.29E-03 | 2.35E-03 | 1.82E-03 | 1.48E-03 | 1.41E-03 | 2.38E-03 | 4.64E-03 | 9.82E-03 | 1.20E-02 | 1.06E-02 | 9.75E-03 | 8.99E-03 | 8.92E-03 | 8.67E-03 | 9.82E-03 | 1.03E-02 | 1.09E-02 | 1.13E-02 | 1.09E-02 | 9.35E-03 | 7.02E-03 | 6.31E-03 | 6.06E-03 | 4.95E-03 |
| | | TTE09 | Volume | 843859.8 | 820247.4 | 62.5 | 3.80 | 3.26 | 3.53 | 1.65E-03 | 1.18E-03 | 9.09E-04 | 7.40E-04 | 7.06E-04 | 1.19E-03 | 2.32E-03 | 4.91E-03 | 5.98E-03 | 5.31E-03 | 4.88E-03 | 4.49E-03 | 4.46E-03 | 4.33E-03 | 4.91E-03 | 5.14E-03 | 5.45E-03 | 5.64E-03 | 5.45E-03 | 4.67E-03 | 3.51E-03 | 3.15E-03 | 3.03E-03 | 2.47E-03 |
| | | TTE10 | Volume | 843866.7 | 820248.4 | 62.5 | 3.80 | 3.26 | 3.53 | 1.65E-03 | 1.18E-03 | 9.09E-04 | 7.40E-04 | 7.06E-04 | 1.19E-03 | 2.32E-03 | 4.91E-03 | 5.98E-03 | 5.31E-03 | 4.88E-03 | 4.49E-03 | 4.46E-03 | 4.33E-03 | 4.91E-03 | 5.14E-03 | 5.45E-03 | 5.64E-03 | 5.45E-03 | 4.67E-03 | 3.51E-03 | 3.15E-03 | 3.03E-03 | 2.47E-03 |
| | | TTE11 | Volume | 843873.6 | 820249.4 | 62.5 | 3.80 | 3.26 | 3.53 | 1.65E-03 | 1.18E-03 | 9.09E-04 | 7.40E-04 | 7.06E-04 | 1.19E-03 | 2.32E-03 | 4.91E-03 | 5.98E-03 | 5.31E-03 | 4.88E-03 | 4.49E-03 | 4.46E-03 | 4.33E-03 | 4.91E-03 | 5.14E-03 | 5.45E-03 | 5.64E-03 | 5.45E-03 | 4.67E-03 | 3.51E-03 | 3.15E-03 | 3.03E-03 | 2.47E-03 |
| | | TTE12 | Volume | 843880.6 | 820250.3 | 62.5 | 3.80 | 3.26 | 3.53 | 1.65E-03 | 1.18E-03 | 9.09E-04 | 7.40E-04 | 7.06E-04 | 1.19E-03 | 2.32E-03 | 4.91E-03 | 5.98E-03 | 5.31E-03 | 4.88E-03 | 4.49E-03 | 4.46E-03 | 4.33E-03 | 4.91E-03 | 5.14E-03 | 5.45E-03 | 5.64E-03 | 5.45E-03 | 4.67E-03 | 3.51E-03 | 3.15E-03 | 3.03E-03 | 2.47E-03 |
| | | TTE13 | Volume | 843887.5 | 820251.3 | 62.5 | 3.80 | 3.26 | 3.53 | 1.65E-03 | 1.18E-03 | 9.09E-04 | 7.40E-04 | 7.06E-04 | 1.19E-03 | 2.32E-03 | 4.91E-03 | 5.98E-03 | 5.31E-03 | 4.88E-03 | 4.49E-03 | 4.46E-03 | 4.33E-03 | 4.91E-03 | 5.14E-03 | 5.45E-03 | 5.64E-03 | 5.45E-03 | 4.67E-03 | 3.51E-03 | 3.15E-03 | 3.03E-03 | 2.47E-03 |
| | | TTE14 | Volume | 843894.4 | 820252.3 | 62.5 | 3.80 | 3.26 | 3.53 | 1.65E-03 | 1.18E-03 | 9.09E-04 | 7.40E-04 | 7.06E-04 | 1.19E-03 | 2.32E-03 | 4.91E-03 | 5.98E-03 | 5.31E-03 | 4.88E-03 | 4.49E-03 | 4.46E-03 | 4.33E-03 | 4.91E-03 | 5.14E-03 | 5.45E-03 | 5.64E-03 | 5.45E-03 | 4.67E-03 | 3.51E-03 | 3.15E-03 | 3.03E-03 | 2.47E-03 |
| | | TTE15 | Volume | 843901.4 | 820253.3 | 62.5 | 3.80 | 3.26 | 3.53 | 1.65E-03 | 1.18E-03 | 9.09E-04 | 7.40E-04 | 7.06E-04 | 1.19E-03 | 2.32E-03 | 4.91E-03 | 5.98E-03 | 5.31E-03 | 4.88E-03 | 4.49E-03 | 4.46E-03 | 4.33E-03 | 4.91E-03 | 5.14E-03 | 5.45E-03 | 5.64E-03 | 5.45E-03 | 4.67E-03 | 3.51E-03 | 3.15E-03 | 3.03E-03 | 2.47E-03 |
| | | TTE16 | Volume | 843908.3 | 820254.2 | 62.5 | 3.80 | 3.26 | 3.53 | 1.65E-03 | 1.18E-03 | 9.09E-04 | 7.40E-04 | 7.06E-04 | 1.19E-03 | 2.32E-03 | 4.91E-03 | 5.98E-03 | 5.31E-03 | 4.88E-03 | 4.49E-03 | 4.46E-03 | 4.33E-03 | 4.91E-03 | 5.14E-03 | 5.45E-03 | 5.64E-03 | 5.45E-03 | 4.67E-03 | 3.51E-03 | 3.15E-03 | 3.03E-03 | 2.47E-03 |
| Landscape Deck within ARQ | Portal of Landscape Deck at Eastern Side | LDE01 | Volume | 842380.4 | 820570.6 | 190.0 | 3.50 | 24.19 | 3.26 | 9.87E-04 | 6.23E-04 | 4.38E-04 | 3.59E-04 | 3.71E-04 | 5.70E-04 | 1.19E-03 | 2.54E-03 | 2.55E-03 | 2.53E-03 | 2.20E-03 | 2.08E-03 | 2.09E-03 | 2.01E-03 | 2.09E-03 | 2.27E-03 | 2.37E-03 | 2.46E-03 | 2.37E-03 | 2.08E-03 | 1.69E-03 | 1.55E-03 | 1.54E-03 | 1.33E-03 |
| | | LDE02 | Volume | 842410.9 | 820528.5 | 190.0 | 3.50 | 24.19 | 3.26 | 4.94E-04 | 3.12E-04 | 2.19E-04 | 1.79E-04 | 1.85E-04 | 2.85E-04 | 5.94E-04 | 1.27E-03 | 1.27E-03 | 1.26E-03 | 1.10E-03 | 1.04E-03 | 1.05E-03 | 1.01E-03 | 1.04E-03 | 1.13E-03 | 1.19E-03 | 1.23E-03 | 1.19E-03 | 1.04E-03 | 8.47E-04 | 7.76E-04 | 7.72E-04 | 6.66E-04 |
| | Portal of Landscape Deck at Western Side | LDW01 | Volume | 842346.8 | 820667.5 | 190.0 | 3.50 | 17.95 | 3.26 | 4.94E-04 | 3.12E-04 | 2.19E-04 | 1.79E-04 | 1.85E-04 | 2.85E-04 | 5.94E-04 | 1.27E-03 | 1.27E-03 | 1.26E-03 | 1.10E-03 | 1.04E-03 | 1.05E-03 | 1.01E-03 | 1.04E-03 | 1.13E-03 | 1.19E-03 | 1.23E-03 | 1.19E-03 | 1.04E-03 | 8.47E-04 | 7.76E-04 | 7.72E-04 | 6.66E-04 |
| | | LDW02 | Volume | 842343.1 | 820705.9 | 190.0 | 3.50 | 17.95 | 3.26 | 4.94E-04 | 3.12E-04 | 2.19E-04 | 1.79E-04 | 1.85E-04 | 2.85E-04 | 5.94E-04 | 1.27E-03 | 1.27E-03 | 1.26E-03 | 1.10E-03 | 1.04E-03 | 1.05E-03 | 1.01E-03 | 1.04E-03 | 1.13E-03 | 1.19E-03 | 1.23E-03 | 1.19E-03 | 1.04E-03 | 8.47E-04 | 7.76E-04 | 7.72E-04 | 6.66E-04 |
| | | LDW03 | Volume | 842339.4 | 820744.3 | 190.0 | 3.50 | 17.95 | 3.26 | 2.47E-04 | 1.56E-04 | 1.09E-04 | 8.97E-05 | 9.27E-05 | 1.43E-04 | 2.97E-04 | 6.34E-04 | 6.36E-04 | 6.32E-04 | 5.51E-04 | 5.20E-04 | 5.24E-04 | 5.03E-04 | 5.22E-04 | 5.67E-04 | 5.93E-04 | 6.15E-04 | 5.93E-04 | 5.19E-04 | 4.23E-04 | 3.88E-04 | 3.86E-04 | 3.33E-04 |
| | | LDW04 | Volume | 842335.7 | 820782.8 | 190.0 | 3.50 | 17.95 | 3.26 | 2.47E-04 | 1.56E-04 | 1.09E-04 | 8.97E-05 | 9.27E-05 | 1.43E-04 | 2.97E-04 | 6.34E-04 | 6.36E-04 | 6.32E-04 | 5.51E-04 | 5.20E-04 | 5.24E-04 | 5.03E-04 | 5.22E-04 | 5.67E-04 | 5.93E-04 | 6.15E-04 | 5.93E-04 | 5.19E-04 | 4.23E-04 | 3.88E-04 | 3.86E-04 | 3.33E-04 |
| Underpass to Po Lam Road | Portal of underpass to Po Lam Road at Eastern Side | PLE001 | Volume | 842985.8 | 820190.4 | 165.6 | 2.75 | 9.53 | 2.56 | 7.97E-04 | 5.00E-04 | 3.48E-04 | 2.77E-04 | 2.98E-04 | 4.55E-04 | 9.36E-04 | 2.02E-03 | 2.03E-03 | 2.02E-03 | 1.75E-03 | 1.67E-03 | 1.68E-03 | 1.65E-03 | 1.67E-03 | 1.81E-03 | 1.91E-03 | 1.97E-03 | 1.91E-03 | 1.68E-03 | 1.36E-03 | 1.25E-03 | 1.23E-03 | 1.08E-03 |
| | | PLE002 | Volume | 843002.4 | 820178.4 | 165.6 | 2.75 | 9.53 | 2.56 | 7.97E-04 | 5.00E-04 | 3.48E-04 | 2.77E-04 | 2.98E-04 | 4.55E-04 | 9.36E-04 | 2.02E-03 | 2.03E-03 | 2.02E-03 | 1.75E-03 | 1.67E-03 | 1.68E-03 | 1.65E-03 | 1.67E-03 | 1.81E-03 | 1.91E-03 | 1.97E-03 | 1.91E-03 | 1.68E-03 | 1.36E-03 | 1.25E-03 | 1.23E-03 | 1.08E-03 |
| | | PLE003 | Volume | 843019.0 | 820166.3 | 165.6 | 2.75 | 9.53 | 2.56 | 7.97E-04 | 5.00E-04 | 3.48E-04 | 2.77E-04 | 2.98E-04 | 4.55E-04 | 9.36E-04 | 2.02E-03 | 2.03E-03 | 2.02E-03 | 1.75E-03 | 1.67E-03 | 1.68E-03 | 1.65E-03 | 1.67E-03 | 1.81E-03 | 1.91E-03 | 1.97E-03 | 1.91E-03 | 1.68E-03 | 1.36E-03 | 1.25E-03 | 1.23E-03 | 1.08E-03 |
| | | PLE004 | Volume | 843035.6 | 820154.3 | 165.6 | 2.75 | 9.53 | 2.56 | 3.99E-04 | 2.50E-04 | 1.74E-04 | 1.38E-04 | 1.49E-04 | 2.28E-04 | 4.68E-04 | 1.01E-03 | 1.02E-03 | 1.01E-03 | 8.76E-04 | 8.35E-04 | 8.42E-04 | 8.23E-04 | 8.37E-04 | 9.07E-04 | 9.56E-04 | 9.84E-04 | 9.54E-04 | 8.38E-04 | 6.79E-04 | 6.24E-04 | 6.17E-04 | 5.40E-04 |
| | | PLE005 | Volume | 843052.1 | 820142.2 | 165.6 | 2.75 | 9.53 | 2.56 | 3.99E-04 | 2.50E-04 | 1.74E-04 | 1.38E-04 | 1.49E-04 | 2.28E-04 | 4.68E-04 | 1.01E-03 | 1.02E-03 | 1.01E-03 | 8.76E-04 | 8.35E-04 | 8.42E-04 | 8.23E-04 | 8.37E-04 | 9.07E-04 | 9.56E-04 | 9.84E-04 | 9.54E-04 | 8.38E-04 | 6.79E-04 | 6.24E-04 | 6.17E-04 | 5.40E-04 |
| | | PLE006 | Volume | 843068.7 | 820130.2 | 165.6 | 2.75 | 9.53 | 2.56 | 3.99E-04 | 2.50E-04 | 1.74E-04 | 1.38E-04 | 1.49E-04 | 2.28E-04 | 4.68E-04 | 1.01E-03 | 1.02E-03 | 1.01E-03 | 8.76E-04 | 8.35E-04 | 8.42E-04 | 8.23E-04 | 8.37E-04 | 9.07E-04 | 9.56E-04 | 9.84E-04 | 9.54E-04 | 8.38E-04 | 6.79E-04 | 6.24E-04 | 6.17E-04 | 5.40E-04 |
| | Portal of underpass to Po Lam Road at Western Side | PLW01 | Volume | 842846.9 | 820147.5 | 174.4 | 2.75 | 7.44 | 2.56 | 5.98E-04 | 3.75E-04 | 2.61E-04 | 2.08E-04 | 2.24E-04 | 3.42E-04 | 7.02E-04 | 1.52E-03 | 1.53E-03 | 1.52E-03 | 1.31E-03 | 1.25E-03 | 1.26E-03 | 1.23E-03 | 1.26E-03 | 1.36E-03 | 1.43E-03 | 1.48E-03 | 1.43E-03 | 1.26E-03 | 1.02E-03 | 9.36E-04 | 9.26E-04 | 8.10E-04 |
| | | PLW02 | Volume | 842839.9 | 820133.2 | 174.4 | 2.75 | 7.44 | 2.56 | 5.98E-04 | 3.75E-04 | 2.61E-04 | 2.08E-04 | 2.24E-04 | 3.42E-04 | 7.02E-04 | 1.52E-03 | 1.53E-03 | 1.52E-03 | 1.31E-03 | 1.25E-03 | 1.26E-03 | 1.23E-03 | 1.26E-03 | 1.36E-03 | 1.43E-03 | 1.48E-03 | 1.43E-03 | 1.26E-03 | 1.02E-03 | 9.36E-04 | 9.26E-04 | 8.10E-04 |
| | | PLW03 | Volume | 842832.9 | 820118.8 | 174.4 | 2.75 | 7.44 | 2.56 | 5.98E-04 | 3.75E-04 | 2.61E-04 | 2.08E-04 | 2.24E-04 | 3.42E-04 | 7.02E-04 | 1.52E-03 | 1.53E-03 | 1.52E-03 | 1.31E-03 | 1.25E-03 | 1.26E-03 | 1.23E-03 | 1.26E-03 | 1.36E-03 | 1.43E-03 | 1.48E-03 | 1.43E-03 | 1.26E-03 | 1.02E-03 | 9.36E-04 | 9.26E-04 | 8.10E-04 |
| | | PLW04 | Volume | 842825.9 | 820104.4 | 174.4 | 2.75 | 7.44 | 2.56 | 5.98E-04 | 3.75E-04 | 2.61E-04 | 2.08E-04 | 2.24E-04 | 3.42E-04 | 7.02E-04 | 1.52E-03 | 1.53E-03 | 1.52E-03 | 1.31E-03 | 1.25E-03 | 1.26E-03 | 1.23E-03 | 1.26E-03 | 1.36E-03 | 1.43E-03 | 1.48E-03 | 1.43E-03 | 1.26E-03 | 1.02E-03 | 9.36E-04 | 9.26E-04 | 8.10E-04 |
| | | PLW05 | Volume | 842818.9 | 820090.0 | 174.4 | 2.75 | 7.44 | 2.56 | 2.99E-04 | 1.88E-04 | 1.31E-04 | 1.04E-04 | 1.12E-04 | 1.71E-04 | 3.51E-04 | 7.59E-04 | 7.63E-04 | 7.58E-04 | 6.57E-04 | 6.26E-04 | 6.31E-04 | 6.17E-04 | 6.28E-04 | 6.80E-04 | 7.17E-04 | 7.38E-04 | 7.16E-04 | 6.29E-04 | 5.09E-04 | 4.68E-04 | 4.63E-04 | 4.05E-04 |
| | | PLW06 | Volume | 842811.8 | 820075.6 | 174.4 | 2.75 | 7.44 | 2.56 | 2.99E-04 | 1.88E-04 | 1.31E-04 | 1.04E-04 | 1.12E-04 | 1.71E-04 | 3.51E-04 | 7.59E-04 | 7.63E-04 | 7.58E-04 | 6.57E-04 | 6.26E-04 | 6.31E-04 | 6.17E-04 | 6.28E-04 | 6.80E-04 | 7.17E-04 | 7.38E-04 | 7.16E-04 | 6.29E-04 | 5.09E-04 | 4.68E-04 | 4.63E-04 | 4.05E-04 |
| | | PLW07 | Volume | 842804.8 | 820061.2 | 174.4 | 2.75 | 7.44 | 2.56 | 2.99E-04 | 1.88E-04 | 1.31E-04 | 1.04E-04 | 1.12E-04 | 1.71E-04 | 3.51E-04 | 7.59E-04 | 7.63E-04 | 7.58E-04 | 6.57E-04 | 6.26E-04 | 6.31E-04 | 6.17E-04 | 6.28E-04 | 6.80E-04 | 7.17E-04 | 7.38E-04 | 7.16E-04 | 6.29E-04 | 5.09E-04 | 4.68E-04 | 4.63E-04 | 4.05E-04 |
| | | PLW08 | Volume | 842797.8 | 820046.9 | 174.4 | 2.75 | 7.44 | 2.56 | 2.99E-04 | 1.88E-04 | 1.31E-04 | 1.04E-04 | 1.12E-04 | 1.71E-04 | 3.51E-04 | 7.59E-04 | 7.63E-04 | 7.58E-04 | 6.57E-04 | 6.26E-04 | 6.31E-04 | 6.17E-04 | 6.28E-04 | 6.80E-04 | 7.17E-04 | 7.38E-04 | 7.16E-04 | 6.29E-04 | 5.09E-04 | 4.68E-04 | 4.63E-04 | 4.05E-04 |

**RSP Hourly Traffic Flow and Emission Factors at Year 2026**

**Traffic Flow and Emission Factor**

| Tunnel | Source | Direction | Tunnel Length | Tunnel Length | Hr 00 | | Hr 01 | | Hr 02 | | Hr 03 | | Hr 04 | | Hr 05 | | Hr 06 | | Hr 07 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | (m) | (mile) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) |
| Tseung Kwan O Tunnel | Tseung Kwan O Tunnel (WB) Tunnel Portal at Kwun Tong Side | Tseung Kwan O Tunnel (WB) | 857 | 0.5324 | 787 | 0.0291 | 571 | 0.0293 | 447 | 0.0288 | 353 | 0.0285 | 351 | 0.0285 | 569 | 0.0293 | 1083 | 0.0294 | 2166 | 0.0304 |
| | Tseung Kwan O Tunnel (EB) Tunnel Portal at Tseung Kwan O side | Tseung Kwan O Tunnel (EB) | 871 | 0.5410 | 385 | 0.0286 | 279 | 0.0283 | 218 | 0.0290 | 173 | 0.0279 | 172 | 0.0274 | 278 | 0.0284 | 530 | 0.0289 | 1059 | 0.0304 |
| Landscape Deck within ARQ | Portal of Landscape Deck at Eastern Side and Western Side | Landscape Deck (EB) | 64 | 0.0397 | 182 | 0.0360 | 114 | 0.0353 | 80 | 0.0368 | 61 | 0.0392 | 65 | 0.0378 | 100 | 0.0387 | 212 | 0.0358 | 448 | 0.0375 |
| | | Landscape Deck (WB) | | | 114 | 0.0356 | 72 | 0.0369 | 50 | 0.0398 | 38 | 0.0442 | 41 | 0.0425 | 63 | 0.0387 | 133 | 0.0386 | 281 | 0.0394 |
| Underpass to Po Lam Road | Portal of Underpass to Po Lam Road at Eastern Side and Western Side | Underpass to Po Lam Road (EB) | 149 | 0.0928 | 199 | 0.0359 | 125 | 0.0344 | 88 | 0.0377 | 67 | 0.0374 | 71 | 0.0365 | 109 | 0.0370 | 232 | 0.0376 | 489 | 0.0380 |
| | | Underpass to Po Lam Road (WB) | | | 108 | 0.0367 | 67 | 0.0370 | 47 | 0.0409 | 36 | 0.0289 | 39 | 0.0446 | 59 | 0.0403 | 125 | 0.0349 | 264 | 0.0373 |

| Direction | Hr 08 | | Hr 09 | | Hr 10 | | Hr 11 | | Hr 12 | | Hr 13 | | Hr 14 | | Hr 15 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) |
| Tseung Kwan O Tunnel (WB) | 2588 | 0.0307 | 2350 | 0.0303 | 2170 | 0.0303 | 2044 | 0.0299 | 2026 | 0.0298 | 1975 | 0.0298 | 2191 | 0.0303 | 2293 | 0.0303 |
| Tseung Kwan O Tunnel (EB) | 1265 | 0.0308 | 1149 | 0.0305 | 1060 | 0.0304 | 999 | 0.0300 | 990 | 0.0302 | 965 | 0.0298 | 1071 | 0.0303 | 1121 | 0.0305 |
| Landscape Deck (EB) | 456 | 0.0369 | 457 | 0.0367 | 401 | 0.0374 | 380 | 0.0364 | 385 | 0.0363 | 370 | 0.0365 | 381 | 0.0364 | 414 | 0.0372 |
| Landscape Deck (WB) | 286 | 0.0388 | 286 | 0.0386 | 251 | 0.0370 | 238 | 0.0376 | 241 | 0.0373 | 232 | 0.0376 | 239 | 0.0376 | 260 | 0.0369 |
| Underpass to Po Lam Road (EB) | 498 | 0.0374 | 499 | 0.0372 | 438 | 0.0365 | 415 | 0.0369 | 420 | 0.0367 | 405 | 0.0374 | 416 | 0.0369 | 452 | 0.0363 |
| Underpass to Po Lam Road (WB) | 269 | 0.0367 | 269 | 0.0365 | 236 | 0.0374 | 224 | 0.0378 | 227 | 0.0374 | 219 | 0.0378 | 225 | 0.0378 | 244 | 0.0367 |

| Direction | Hr 16 | | Hr 17 | | Hr 18 | | Hr 19 | | Hr 20 | | Hr 21 | | Hr 22 | | Hr 23 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) |
| Tseung Kwan O Tunnel (WB) | 2426 | 0.0303 | 2470 | 0.0308 | 2431 | 0.0302 | 2090 | 0.0303 | 1608 | 0.0298 | 1478 | 0.0295 | 1409 | 0.0293 | 1163 | 0.0295 |
| Tseung Kwan O Tunnel (EB) | 1186 | 0.0302 | 1207 | 0.0306 | 1188 | 0.0302 | 1022 | 0.0305 | 786 | 0.0300 | 722 | 0.0293 | 689 | 0.0296 | 568 | 0.0297 |
| Landscape Deck (EB) | 432 | 0.0369 | 440 | 0.0368 | 429 | 0.0369 | 374 | 0.0363 | 306 | 0.0376 | 284 | 0.0359 | 280 | 0.0363 | 244 | 0.0369 |
| Landscape Deck (WB) | 271 | 0.0365 | 276 | 0.0391 | 269 | 0.0365 | 235 | 0.0378 | 192 | 0.0365 | 178 | 0.0365 | 176 | 0.0370 | 153 | 0.0369 |
| Underpass to Po Lam Road (EB) | 472 | 0.0374 | 481 | 0.0374 | 469 | 0.0374 | 409 | 0.0372 | 334 | 0.0365 | 310 | 0.0371 | 306 | 0.0372 | 266 | 0.0363 |
| Underpass to Po Lam Road (WB) | 255 | 0.0368 | 260 | 0.0370 | 253 | 0.0364 | 221 | 0.0376 | 180 | 0.0363 | 168 | 0.0367 | 165 | 0.0368 | 144 | 0.0369 |

**RSP Hourly Emission at Year 2026**

**Hourly RSP Emission (g/hr)**

| Tunnel | Source | Direction | Tunnel Length | Tunnel Length | Hr 00 | | Hr 01 | | Hr 02 | | Hr 03 | | Hr 04 | | Hr 05 | | Hr 06 | | Hr 07 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | (m) | (mile) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) |
| Tseung Kwan O Tunnel | Tseung Kwan O Tunnel (WB) Tunnel Portal at Kwun Tong Side | Tseung Kwan O Tunnel (WB) | 857 | 0.5324 | 1.22E+01 | 1.22E+01 | 8.90E+00 | 8.90E+00 | 6.86E+00 | 6.86E+00 | 5.35E+00 | 5.35E+00 | 5.33E+00 | 5.33E+00 | 8.88E+00 | 8.88E+00 | 1.70E+01 | 1.70E+01 | 3.50E+01 | 3.50E+01 |
| | Tseung Kwan O Tunnel (EB) Tunnel Portal at Tseung Kwan O side | Tseung Kwan O Tunnel (EB) | 871 | 0.5410 | 5.97E+00 | 5.97E+00 | 4.27E+00 | 4.27E+00 | 3.42E+00 | 3.42E+00 | 2.61E+00 | 2.61E+00 | 2.55E+00 | 2.55E+00 | 4.27E+00 | 4.27E+00 | 8.28E+00 | 8.28E+00 | 1.74E+01 | 1.74E+01 |
| Landscape Deck within ARQ | Portal of Landscape Deck at Eastern Side and Western Side | Landscape Deck (EB) | 64 | 0.0397 | 2.60E-01 | 4.21E-01 | 1.60E-01 | 2.65E-01 | 1.17E-01 | 1.96E-01 | 9.47E-02 | 1.61E-01 | 9.75E-02 | 1.67E-01 | 1.54E-01 | 2.50E-01 | 3.01E-01 | 5.05E-01 | 6.67E-01 | 1.11E+00 |
| | | Landscape Deck (WB) | | | 1.61E-01 | | 1.05E-01 | | 7.89E-02 | | 6.67E-02 | | 6.90E-02 | | 9.68E-02 | | 2.04E-01 | | 4.39E-01 | |
| Underpass to Po Lam Road | Portal of Underpass to Po Lam Road at Eastern Side and Western Side | Underpass to Po Lam Road (EB) | 149 | 0.0928 | 6.62E-01 | 1.03E+00 | 3.99E-01 | 6.29E-01 | 3.08E-01 | 4.86E-01 | 2.33E-01 | 3.29E-01 | 2.41E-01 | 4.02E-01 | 3.75E-01 | 5.95E-01 | 8.10E-01 | 1.21E+00 | 1.72E+00 | 2.64E+00 |
| | | Underpass to Po Lam Road (WB) | | | 3.68E-01 | | 2.30E-01 | | 1.78E-01 | | 9.66E-02 | | 1.62E-01 | | 2.21E-01 | | 4.05E-01 | | 9.13E-01 | |

| Direction | Hr 08 | | Hr 09 | | Hr 10 | | Hr 11 | | Hr 12 | | Hr 13 | | Hr 14 | | Hr 15 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) |
| Tseung Kwan O Tunnel (WB) | 4.24E+01 | 4.24E+01 | 3.79E+01 | 3.79E+01 | 3.50E+01 | 3.50E+01 | 3.26E+01 | 3.26E+01 | 3.21E+01 | 3.21E+01 | 3.14E+01 | 3.14E+01 | 3.53E+01 | 3.53E+01 | 3.70E+01 | 3.70E+01 |
| Tseung Kwan O Tunnel (EB) | 2.11E+01 | 2.11E+01 | 1.89E+01 | 1.89E+01 | 1.74E+01 | 1.74E+01 | 1.62E+01 | 1.62E+01 | 1.62E+01 | 1.62E+01 | 1.55E+01 | 1.55E+01 | 1.75E+01 | 1.75E+01 | 1.85E+01 | 1.85E+01 |
| Landscape Deck (EB) | 6.67E-01 | 1.11E+00 | 6.66E-01 | 1.10E+00 | 5.94E-01 | 9.63E-01 | 5.48E-01 | 9.03E-01 | 5.55E-01 | 9.11E-01 | 5.36E-01 | 8.82E-01 | 5.49E-01 | 9.06E-01 | 6.11E-01 | 9.91E-01 |
| Landscape Deck (WB) | 4.40E-01 | | 4.38E-01 | | 3.69E-01 | | 3.55E-01 | | 3.56E-01 | | 3.46E-01 | | 3.57E-01 | | 3.80E-01 | |
| Underpass to Po Lam Road (EB) | 1.73E+00 | 2.64E+00 | 1.72E+00 | 2.63E+00 | 1.48E+00 | 2.30E+00 | 1.42E+00 | 2.21E+00 | 1.43E+00 | 2.22E+00 | 1.41E+00 | 2.18E+00 | 1.42E+00 | 2.21E+00 | 1.52E+00 | 2.36E+00 |
| Underpass to Po Lam Road (WB) | 9.15E-01 | | 9.11E-01 | | 8.18E-01 | | 7.86E-01 | | 7.88E-01 | | 7.69E-01 | | 7.89E-01 | | 8.32E-01 | |

| Direction | Hr 16 | | Hr 17 | | Hr 18 | | Hr 19 | | Hr 20 | | Hr 21 | | Hr 22 | | Hr 23 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) |
| Tseung Kwan O Tunnel (WB) | 3.91E+01 | 3.91E+01 | 4.05E+01 | 4.05E+01 | 3.91E+01 | 3.91E+01 | 3.37E+01 | 3.37E+01 | 2.55E+01 | 2.55E+01 | 2.32E+01 | 2.32E+01 | 2.20E+01 | 2.20E+01 | 1.82E+01 | 1.82E+01 |
| Tseung Kwan O Tunnel (EB) | 1.94E+01 | 1.94E+01 | 2.00E+01 | 2.00E+01 | 1.94E+01 | 1.94E+01 | 1.68E+01 | 1.68E+01 | 1.28E+01 | 1.28E+01 | 1.14E+01 | 1.14E+01 | 1.10E+01 | 1.10E+01 | 9.12E+00 | 9.12E+00 |
| Landscape Deck (EB) | 6.32E-01 | 1.02E+00 | 6.42E-01 | 1.07E+00 | 6.27E-01 | 1.02E+00 | 5.39E-01 | 8.91E-01 | 4.56E-01 | 7.34E-01 | 4.04E-01 | 6.62E-01 | 4.03E-01 | 6.62E-01 | 3.57E-01 | 5.81E-01 |
| Landscape Deck (WB) | 3.92E-01 | | 4.29E-01 | | 3.90E-01 | | 3.52E-01 | | 2.78E-01 | | 2.58E-01 | | 2.58E-01 | | 2.24E-01 | |
| Underpass to Po Lam Road (EB) | 1.64E+00 | 2.51E+00 | 1.67E+00 | 2.56E+00 | 1.63E+00 | 2.48E+00 | 1.41E+00 | 2.19E+00 | 1.13E+00 | 1.74E+00 | 1.07E+00 | 1.64E+00 | 1.06E+00 | 1.62E+00 | 8.96E-01 | 1.39E+00 |
| Underpass to Po Lam Road (WB) | 8.72E-01 | | 8.93E-01 | | 8.54E-01 | | 7.72E-01 | | 6.07E-01 | | 5.71E-01 | | 5.63E-01 | | 4.94E-01 | |

**RSP Hourly Emission at Year 2026**

**Hourly RSP Emission Rate at Tunnel Portal (g/s)**

| Tunnel | Source | Tunnel Length (m) | Tunnel Length (mile) | Hr 00 Emission (g/s) | Hr 01 Emission (g/s) | Hr 02 Emission (g/s) | Hr 03 Emission (g/s) | Hr 04 Emission (g/s) | Hr 05 Emission (g/s) | Hr 06 Emission (g/s) | Hr 07 Emission (g/s) | Hr 08 Emission (g/s) | Hr 09 Emission (g/s) | Hr 10 Emission (g/s) | Hr 11 Emission (g/s) | Hr 12 Emission (g/s) | Hr 13 Emission (g/s) | Hr 14 Emission (g/s) | Hr 15 Emission (g/s) | Hr 16 Emission (g/s) | Hr 17 Emission (g/s) | Hr 18 Emission (g/s) | Hr 19 Emission (g/s) | Hr 20 Emission (g/s) | Hr 21 Emission (g/s) | Hr 22 Emission (g/s) | Hr 23 Emission (g/s) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tseung Kwan O Tunnel | Tseung Kwan O Tunnel (WB) Tunnel Portal at Kwun Tong Side | 857 | 0.5324 | 3.38E-03 | 2.47E-03 | 1.91E-03 | 1.49E-03 | 1.48E-03 | 2.47E-03 | 4.72E-03 | 9.72E-03 | 1.18E-02 | 1.05E-02 | 9.73E-03 | 9.04E-03 | 8.92E-03 | 8.71E-03 | 9.81E-03 | 1.03E-02 | 1.09E-02 | 1.12E-02 | 1.09E-02 | 9.35E-03 | 7.08E-03 | 6.45E-03 | 6.11E-03 | 5.07E-03 |
| | Tseung Kwan O Tunnel (EB) Tunnel Portal at Tseung Kwan O side | 871 | 0.5410 | 1.66E-03 | 1.19E-03 | 9.49E-04 | 7.24E-04 | 7.07E-04 | 1.19E-03 | 2.30E-03 | 4.84E-03 | 5.86E-03 | 5.26E-03 | 4.84E-03 | 4.50E-03 | 4.49E-03 | 4.32E-03 | 4.87E-03 | 5.13E-03 | 5.39E-03 | 5.56E-03 | 5.40E-03 | 4.68E-03 | 3.54E-03 | 3.18E-03 | 3.06E-03 | 2.53E-03 |
| Landscape Deck within ARQ | Portal of Landscape Deck at Eastern Side | 64 | 0.0397 | 5.85E-05 | 3.68E-05 | 2.72E-05 | 2.24E-05 | 2.31E-05 | 3.48E-05 | 7.01E-05 | 1.54E-04 | 1.54E-04 | 1.53E-04 | 1.34E-04 | 1.25E-04 | 1.27E-04 | 1.23E-04 | 1.26E-04 | 1.38E-04 | 1.42E-04 | 1.49E-04 | 1.41E-04 | 1.24E-04 | 1.02E-04 | 9.19E-05 | 9.19E-05 | 8.07E-05 |
| | Portal of Landscape Deck at Western Side | | | 5.85E-05 | 3.68E-05 | 2.72E-05 | 2.24E-05 | 2.31E-05 | 3.48E-05 | 7.01E-05 | 1.54E-04 | 1.54E-04 | 1.53E-04 | 1.34E-04 | 1.25E-04 | 1.27E-04 | 1.23E-04 | 1.26E-04 | 1.38E-04 | 1.42E-04 | 1.49E-04 | 1.41E-04 | 1.24E-04 | 1.02E-04 | 9.19E-05 | 9.19E-05 | 8.07E-05 |
| Underpass to Po Lam Road | Portal of underpass to Po Lam Road at Eastern Side | 149 | 0.0928 | 1.43E-04 | 8.73E-05 | 6.75E-05 | 4.57E-05 | 5.59E-05 | 8.27E-05 | 1.69E-04 | 3.66E-04 | 3.67E-04 | 3.66E-04 | 3.20E-04 | 3.06E-04 | 3.08E-04 | 3.02E-04 | 3.07E-04 | 3.27E-04 | 3.49E-04 | 3.56E-04 | 3.45E-04 | 3.03E-04 | 2.41E-04 | 2.28E-04 | 2.25E-04 | 1.93E-04 |
| | Portal of underpass to Po Lam Road at Western Side | | | 1.43E-04 | 8.73E-05 | 6.75E-05 | 4.57E-05 | 5.59E-05 | 8.27E-05 | 1.69E-04 | 3.66E-04 | 3.67E-04 | 3.66E-04 | 3.20E-04 | 3.06E-04 | 3.08E-04 | 3.02E-04 | 3.07E-04 | 3.27E-04 | 3.49E-04 | 3.56E-04 | 3.45E-04 | 3.03E-04 | 2.41E-04 | 2.28E-04 | 2.25E-04 | 1.93E-04 |

**RSP Emission Inventory for Tunnel Portal Emission at 2026**

| Tunnel | Source | Source ID | Type | X | Y | Base Elevation | Release Height | Lateral Dim. (Sy) | Vertical Dim. (Sz) | Hourly RSP Emission Rate (g/s) | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | (m) | (m) | (m) | (m) | (m) | (m) | Hr 00 | Hr 01 | Hr 02 | Hr 03 | Hr 04 | Hr 05 | Hr 06 | Hr 07 | Hr 08 | Hr 09 | Hr 10 | Hr 11 | Hr 12 | Hr 13 | Hr 14 | Hr 15 | Hr 16 | Hr 17 | Hr 18 | Hr 19 | Hr 20 | Hr 21 | Hr 22 | Hr 23 |
| Tseung Kwan O Tunnel | Tseung Kwan O Tunnel (WB) Tunnel Portal at Kwun Tong Side | TTW01 | Volume | 843056.2 | 819795.5 | 81.1 | 3.80 | 3.26 | 3.53 | 2.82E-04 | 2.06E-04 | 1.59E-04 | 1.24E-04 | 1.23E-04 | 2.05E-04 | 3.93E-04 | 8.10E-04 | 9.81E-04 | 8.77E-04 | 8.11E-04 | 7.54E-04 | 7.43E-04 | 7.26E-04 | 8.18E-04 | 8.57E-04 | 9.05E-04 | 9.37E-04 | 9.06E-04 | 7.80E-04 | 5.90E-04 | 5.38E-04 | 5.09E-04 | 4.22E-04 |
| | | TTW02 | Volume | 843050.6 | 819791.4 | 81.1 | 3.80 | 3.26 | 3.53 | 2.82E-04 | 2.06E-04 | 1.59E-04 | 1.24E-04 | 1.23E-04 | 2.05E-04 | 3.93E-04 | 8.10E-04 | 9.81E-04 | 8.77E-04 | 8.11E-04 | 7.54E-04 | 7.43E-04 | 7.26E-04 | 8.18E-04 | 8.57E-04 | 9.05E-04 | 9.37E-04 | 9.06E-04 | 7.80E-04 | 5.90E-04 | 5.38E-04 | 5.09E-04 | 4.22E-04 |
| | | TTW03 | Volume | 843044.9 | 819787.2 | 81.1 | 3.80 | 3.26 | 3.53 | 2.82E-04 | 2.06E-04 | 1.59E-04 | 1.24E-04 | 1.23E-04 | 2.05E-04 | 3.93E-04 | 8.10E-04 | 9.81E-04 | 8.77E-04 | 8.11E-04 | 7.54E-04 | 7.43E-04 | 7.26E-04 | 8.18E-04 | 8.57E-04 | 9.05E-04 | 9.37E-04 | 9.06E-04 | 7.80E-04 | 5.90E-04 | 5.38E-04 | 5.09E-04 | 4.22E-04 |
| | | TTW04 | Volume | 843039.2 | 819783.1 | 81.1 | 3.80 | 3.26 | 3.53 | 2.82E-04 | 2.06E-04 | 1.59E-04 | 1.24E-04 | 1.23E-04 | 2.05E-04 | 3.93E-04 | 8.10E-04 | 9.81E-04 | 8.77E-04 | 8.11E-04 | 7.54E-04 | 7.43E-04 | 7.26E-04 | 8.18E-04 | 8.57E-04 | 9.05E-04 | 9.37E-04 | 9.06E-04 | 7.80E-04 | 5.90E-04 | 5.38E-04 | 5.09E-04 | 4.22E-04 |
| | | TTW05 | Volume | 843033.6 | 819779.0 | 81.1 | 3.80 | 3.26 | 3.53 | 2.82E-04 | 2.06E-04 | 1.59E-04 | 1.24E-04 | 1.23E-04 | 2.05E-04 | 3.93E-04 | 8.10E-04 | 9.81E-04 | 8.77E-04 | 8.11E-04 | 7.54E-04 | 7.43E-04 | 7.26E-04 | 8.18E-04 | 8.57E-04 | 9.05E-04 | 9.37E-04 | 9.06E-04 | 7.80E-04 | 5.90E-04 | 5.38E-04 | 5.09E-04 | 4.22E-04 |
| | | TTW06 | Volume | 843027.9 | 819774.9 | 81.1 | 3.80 | 3.26 | 3.53 | 2.82E-04 | 2.06E-04 | 1.59E-04 | 1.24E-04 | 1.23E-04 | 2.05E-04 | 3.93E-04 | 8.10E-04 | 9.81E-04 | 8.77E-04 | 8.11E-04 | 7.54E-04 | 7.43E-04 | 7.26E-04 | 8.18E-04 | 8.57E-04 | 9.05E-04 | 9.37E-04 | 9.06E-04 | 7.80E-04 | 5.90E-04 | 5.38E-04 | 5.09E-04 | 4.22E-04 |
| | | TTW07 | Volume | 843022.2 | 819770.8 | 81.1 | 3.80 | 3.26 | 3.53 | 2.82E-04 | 2.06E-04 | 1.59E-04 | 1.24E-04 | 1.23E-04 | 2.05E-04 | 3.93E-04 | 8.10E-04 | 9.81E-04 | 8.77E-04 | 8.11E-04 | 7.54E-04 | 7.43E-04 | 7.26E-04 | 8.18E-04 | 8.57E-04 | 9.05E-04 | 9.37E-04 | 9.06E-04 | 7.80E-04 | 5.90E-04 | 5.38E-04 | 5.09E-04 | 4.22E-04 |
| | | TTW08 | Volume | 843016.6 | 819766.7 | 81.1 | 3.80 | 3.26 | 3.53 | 2.82E-04 | 2.06E-04 | 1.59E-04 | 1.24E-04 | 1.23E-04 | 2.05E-04 | 3.93E-04 | 8.10E-04 | 9.81E-04 | 8.77E-04 | 8.11E-04 | 7.54E-04 | 7.43E-04 | 7.26E-04 | 8.18E-04 | 8.57E-04 | 9.05E-04 | 9.37E-04 | 9.06E-04 | 7.80E-04 | 5.90E-04 | 5.38E-04 | 5.09E-04 | 4.22E-04 |
| | | TTW09 | Volume | 843010.9 | 819762.6 | 81.1 | 3.80 | 3.26 | 3.53 | 1.41E-04 | 1.03E-04 | 7.94E-05 | 6.19E-05 | 6.17E-05 | 1.03E-04 | 1.96E-04 | 4.05E-04 | 4.90E-04 | 4.38E-04 | 4.05E-04 | 3.77E-04 | 3.71E-04 | 3.63E-04 | 4.09E-04 | 4.28E-04 | 4.52E-04 | 4.69E-04 | 4.53E-04 | 3.90E-04 | 2.95E-04 | 2.69E-04 | 2.55E-04 | 2.11E-04 |
| | | TTW10 | Volume | 843005.2 | 819758.4 | 81.1 | 3.80 | 3.26 | 3.53 | 1.41E-04 | 1.03E-04 | 7.94E-05 | 6.19E-05 | 6.17E-05 | 1.03E-04 | 1.96E-04 | 4.05E-04 | 4.90E-04 | 4.38E-04 | 4.05E-04 | 3.77E-04 | 3.71E-04 | 3.63E-04 | 4.09E-04 | 4.28E-04 | 4.52E-04 | 4.69E-04 | 4.53E-04 | 3.90E-04 | 2.95E-04 | 2.69E-04 | 2.55E-04 | 2.11E-04 |
| | | TTW11 | Volume | 842999.6 | 819754.3 | 81.1 | 3.80 | 3.26 | 3.53 | 1.41E-04 | 1.03E-04 | 7.94E-05 | 6.19E-05 | 6.17E-05 | 1.03E-04 | 1.96E-04 | 4.05E-04 | 4.90E-04 | 4.38E-04 | 4.05E-04 | 3.77E-04 | 3.71E-04 | 3.63E-04 | 4.09E-04 | 4.28E-04 | 4.52E-04 | 4.69E-04 | 4.53E-04 | 3.90E-04 | 2.95E-04 | 2.69E-04 | 2.55E-04 | 2.11E-04 |
| | | TTW12 | Volume | 842993.9 | 819750.2 | 81.1 | 3.80 | 3.26 | 3.53 | 1.41E-04 | 1.03E-04 | 7.94E-05 | 6.19E-05 | 6.17E-05 | 1.03E-04 | 1.96E-04 | 4.05E-04 | 4.90E-04 | 4.38E-04 | 4.05E-04 | 3.77E-04 | 3.71E-04 | 3.63E-04 | 4.09E-04 | 4.28E-04 | 4.52E-04 | 4.69E-04 | 4.53E-04 | 3.90E-04 | 2.95E-04 | 2.69E-04 | 2.55E-04 | 2.11E-04 |
| | | TTW13 | Volume | 842988.3 | 819746.1 | 81.1 | 3.80 | 3.26 | 3.53 | 1.41E-04 | 1.03E-04 | 7.94E-05 | 6.19E-05 | 6.17E-05 | 1.03E-04 | 1.96E-04 | 4.05E-04 | 4.90E-04 | 4.38E-04 | 4.05E-04 | 3.77E-04 | 3.71E-04 | 3.63E-04 | 4.09E-04 | 4.28E-04 | 4.52E-04 | 4.69E-04 | 4.53E-04 | 3.90E-04 | 2.95E-04 | 2.69E-04 | 2.55E-04 | 2.11E-04 |
| | | TTW14 | Volume | 842982.6 | 819742.0 | 81.1 | 3.80 | 3.26 | 3.53 | 1.41E-04 | 1.03E-04 | 7.94E-05 | 6.19E-05 | 6.17E-05 | 1.03E-04 | 1.96E-04 | 4.05E-04 | 4.90E-04 | 4.38E-04 | 4.05E-04 | 3.77E-04 | 3.71E-04 | 3.63E-04 | 4.09E-04 | 4.28E-04 | 4.52E-04 | 4.69E-04 | 4.53E-04 | 3.90E-04 | 2.95E-04 | 2.69E-04 | 2.55E-04 | 2.11E-04 |
| | | TTW15 | Volume | 842976.9 | 819737.9 | 81.1 | 3.80 | 3.26 | 3.53 | 1.41E-04 | 1.03E-04 | 7.94E-05 | 6.19E-05 | 6.17E-05 | 1.03E-04 | 1.96E-04 | 4.05E-04 | 4.90E-04 | 4.38E-04 | 4.05E-04 | 3.77E-04 | 3.71E-04 | 3.63E-04 | 4.09E-04 | 4.28E-04 | 4.52E-04 | 4.69E-04 | 4.53E-04 | 3.90E-04 | 2.95E-04 | 2.69E-04 | 2.55E-04 | 2.11E-04 |
| | | TTW16 | Volume | 842971.3 | 819733.8 | 81.1 | 3.80 | 3.26 | 3.53 | 1.41E-04 | 1.03E-04 | 7.94E-05 | 6.19E-05 | 6.17E-05 | 1.03E-04 | 1.96E-04 | 4.05E-04 | 4.90E-04 | 4.38E-04 | 4.05E-04 | 3.77E-04 | 3.71E-04 | 3.63E-04 | 4.09E-04 | 4.28E-04 | 4.52E-04 | 4.69E-04 | 4.53E-04 | 3.90E-04 | 2.95E-04 | 2.69E-04 | 2.55E-04 | 2.11E-04 |
| | Tseung Kwan O Tunnel (EB) Tunnel Portal at Tseung Kwan O side | TTE01 | Volume | 843804.3 | 820239.6 | 62.5 | 3.80 | 3.26 | 3.53 | 1.38E-04 | 9.89E-05 | 7.91E-05 | 6.04E-05 | 5.89E-05 | 9.88E-05 | 1.92E-04 | 4.03E-04 | 4.89E-04 | 4.38E-04 | 4.03E-04 | 3.75E-04 | 3.74E-04 | 3.60E-04 | 4.06E-04 | 4.28E-04 | 4.49E-04 | 4.63E-04 | 4.50E-04 | 3.90E-04 | 2.95E-04 | 2.65E-04 | 2.55E-04 | 2.11E-04 |
| | | TTE02 | Volume | 843811.3 | 820240.6 | 62.5 | 3.80 | 3.26 | 3.53 | 1.38E-04 | 9.89E-05 | 7.91E-05 | 6.04E-05 | 5.89E-05 | 9.88E-05 | 1.92E-04 | 4.03E-04 | 4.89E-04 | 4.38E-04 | 4.03E-04 | 3.75E-04 | 3.74E-04 | 3.60E-04 | 4.06E-04 | 4.28E-04 | 4.49E-04 | 4.63E-04 | 4.50E-04 | 3.90E-04 | 2.95E-04 | 2.65E-04 | 2.55E-04 | 2.11E-04 |
| | | TTE03 | Volume | 843818.2 | 820241.6 | 62.5 | 3.80 | 3.26 | 3.53 | 1.38E-04 | 9.89E-05 | 7.91E-05 | 6.04E-05 | 5.89E-05 | 9.88E-05 | 1.92E-04 | 4.03E-04 | 4.89E-04 | 4.38E-04 | 4.03E-04 | 3.75E-04 | 3.74E-04 | 3.60E-04 | 4.06E-04 | 4.28E-04 | 4.49E-04 | 4.63E-04 | 4.50E-04 | 3.90E-04 | 2.95E-04 | 2.65E-04 | 2.55E-04 | 2.11E-04 |
| | | TTE04 | Volume | 843825.1 | 820242.5 | 62.5 | 3.80 | 3.26 | 3.53 | 1.38E-04 | 9.89E-05 | 7.91E-05 | 6.04E-05 | 5.89E-05 | 9.88E-05 | 1.92E-04 | 4.03E-04 | 4.89E-04 | 4.38E-04 | 4.03E-04 | 3.75E-04 | 3.74E-04 | 3.60E-04 | 4.06E-04 | 4.28E-04 | 4.49E-04 | 4.63E-04 | 4.50E-04 | 3.90E-04 | 2.95E-04 | 2.65E-04 | 2.55E-04 | 2.11E-04 |
| | | TTE05 | Volume | 843832.0 | 820243.5 | 62.5 | 3.80 | 3.26 | 3.53 | 1.38E-04 | 9.89E-05 | 7.91E-05 | 6.04E-05 | 5.89E-05 | 9.88E-05 | 1.92E-04 | 4.03E-04 | 4.89E-04 | 4.38E-04 | 4.03E-04 | 3.75E-04 | 3.74E-04 | 3.60E-04 | 4.06E-04 | 4.28E-04 | 4.49E-04 | 4.63E-04 | 4.50E-04 | 3.90E-04 | 2.95E-04 | 2.65E-04 | 2.55E-04 | 2.11E-04 |
| | | TTE06 | Volume | 843839.0 | 820244.5 | 62.5 | 3.80 | 3.26 | 3.53 | 1.38E-04 | 9.89E-05 | 7.91E-05 | 6.04E-05 | 5.89E-05 | 9.88E-05 | 1.92E-04 | 4.03E-04 | 4.89E-04 | 4.38E-04 | 4.03E-04 | 3.75E-04 | 3.74E-04 | 3.60E-04 | 4.06E-04 | 4.28E-04 | 4.49E-04 | 4.63E-04 | 4.50E-04 | 3.90E-04 | 2.95E-04 | 2.65E-04 | 2.55E-04 | 2.11E-04 |
| | | TTE07 | Volume | 843845.9 | 820245.5 | 62.5 | 3.80 | 3.26 | 3.53 | 1.38E-04 | 9.89E-05 | 7.91E-05 | 6.04E-05 | 5.89E-05 | 9.88E-05 | 1.92E-04 | 4.03E-04 | 4.89E-04 | 4.38E-04 | 4.03E-04 | 3.75E-04 | 3.74E-04 | 3.60E-04 | 4.06E-04 | 4.28E-04 | 4.49E-04 | 4.63E-04 | 4.50E-04 | 3.90E-04 | 2.95E-04 | 2.65E-04 | 2.55E-04 | 2.11E-04 |
| | | TTE08 | Volume | 843852.8 | 820246.4 | 62.5 | 3.80 | 3.26 | 3.53 | 1.38E-04 | 9.89E-05 | 7.91E-05 | 6.04E-05 | 5.89E-05 | 9.88E-05 | 1.92E-04 | 4.03E-04 | 4.89E-04 | 4.38E-04 | 4.03E-04 | 3.75E-04 | 3.74E-04 | 3.60E-04 | 4.06E-04 | 4.28E-04 | 4.49E-04 | 4.63E-04 | 4.50E-04 | 3.90E-04 | 2.95E-04 | 2.65E-04 | 2.55E-04 | 2.11E-04 |
| | | TTE09 | Volume | 843859.8 | 820247.4 | 62.5 | 3.80 | 3.26 | 3.53 | 6.91E-05 | 4.95E-05 | 3.95E-05 | 3.02E-05 | 2.95E-05 | 4.94E-05 | 9.59E-05 | 2.02E-04 | 2.44E-04 | 2.19E-04 | 2.02E-04 | 1.88E-04 | 1.87E-04 | 1.80E-04 | 2.03E-04 | 2.14E-04 | 2.25E-04 | 2.32E-04 | 2.25E-04 | 1.95E-04 | 1.48E-04 | 1.32E-04 | 1.28E-04 | 1.06E-04 |
| | | TTE10 | Volume | 843866.7 | 820248.4 | 62.5 | 3.80 | 3.26 | 3.53 | 6.91E-05 | 4.95E-05 | 3.95E-05 | 3.02E-05 | 2.95E-05 | 4.94E-05 | 9.59E-05 | 2.02E-04 | 2.44E-04 | 2.19E-04 | 2.02E-04 | 1.88E-04 | 1.87E-04 | 1.80E-04 | 2.03E-04 | 2.14E-04 | 2.25E-04 | 2.32E-04 | 2.25E-04 | 1.95E-04 | 1.48E-04 | 1.32E-04 | 1.28E-04 | 1.06E-04 |
| | | TTE11 | Volume | 843873.6 | 820249.4 | 62.5 | 3.80 | 3.26 | 3.53 | 6.91E-05 | 4.95E-05 | 3.95E-05 | 3.02E-05 | 2.95E-05 | 4.94E-05 | 9.59E-05 | 2.02E-04 | 2.44E-04 | 2.19E-04 | 2.02E-04 | 1.88E-04 | 1.87E-04 | 1.80E-04 | 2.03E-04 | 2.14E-04 | 2.25E-04 | 2.32E-04 | 2.25E-04 | 1.95E-04 | 1.48E-04 | 1.32E-04 | 1.28E-04 | 1.06E-04 |
| | | TTE12 | Volume | 843880.6 | 820250.3 | 62.5 | 3.80 | 3.26 | 3.53 | 6.91E-05 | 4.95E-05 | 3.95E-05 | 3.02E-05 | 2.95E-05 | 4.94E-05 | 9.59E-05 | 2.02E-04 | 2.44E-04 | 2.19E-04 | 2.02E-04 | 1.88E-04 | 1.87E-04 | 1.80E-04 | 2.03E-04 | 2.14E-04 | 2.25E-04 | 2.32E-04 | 2.25E-04 | 1.95E-04 | 1.48E-04 | 1.32E-04 | 1.28E-04 | 1.06E-04 |
| | | TTE13 | Volume | 843887.5 | 820251.3 | 62.5 | 3.80 | 3.26 | 3.53 | 6.91E-05 | 4.95E-05 | 3.95E-05 | 3.02E-05 | 2.95E-05 | 4.94E-05 | 9.59E-05 | 2.02E-04 | 2.44E-04 | 2.19E-04 | 2.02E-04 | 1.88E-04 | 1.87E-04 | 1.80E-04 | 2.03E-04 | 2.14E-04 | 2.25E-04 | 2.32E-04 | 2.25E-04 | 1.95E-04 | 1.48E-04 | 1.32E-04 | 1.28E-04 | 1.06E-04 |
| | | TTE14 | Volume | 843894.4 | 820252.3 | 62.5 | 3.80 | 3.26 | 3.53 | 6.91E-05 | 4.95E-05 | 3.95E-05 | 3.02E-05 | 2.95E-05 | 4.94E-05 | 9.59E-05 | 2.02E-04 | 2.44E-04 | 2.19E-04 | 2.02E-04 | 1.88E-04 | 1.87E-04 | 1.80E-04 | 2.03E-04 | 2.14E-04 | 2.25E-04 | 2.32E-04 | 2.25E-04 | 1.95E-04 | 1.48E-04 | 1.32E-04 | 1.28E-04 | 1.06E-04 |
| | | TTE15 | Volume | 843901.4 | 820253.3 | 62.5 | 3.80 | 3.26 | 3.53 | 6.91E-05 | 4.95E-05 | 3.95E-05 | 3.02E-05 | 2.95E-05 | 4.94E-05 | 9.59E-05 | 2.02E-04 | 2.44E-04 | 2.19E-04 | 2.02E-04 | 1.88E-04 | 1.87E-04 | 1.80E-04 | 2.03E-04 | 2.14E-04 | 2.25E-04 | 2.32E-04 | 2.25E-04 | 1.95E-04 | 1.48E-04 | 1.32E-04 | 1.28E-04 | 1.06E-04 |
| | | TTE16 | Volume | 843908.3 | 820254.2 | 62.5 | 3.80 | 3.26 | 3.53 | 6.91E-05 | 4.95E-05 | 3.95E-05 | 3.02E-05 | 2.95E-05 | 4.94E-05 | 9.59E-05 | 2.02E-04 | 2.44E-04 | 2.19E-04 | 2.02E-04 | 1.88E-04 | 1.87E-04 | 1.80E-04 | 2.03E-04 | 2.14E-04 | 2.25E-04 | 2.32E-04 | 2.25E-04 | 1.95E-04 | 1.48E-04 | 1.32E-04 | 1.28E-04 | 1.06E-04 |
| Landscape Deck within ARQ | Portal of Landscape Deck at Eastern Side | LDE01 | Volume | 842380.4 | 820570.6 | 190.0 | 3.50 | 24.19 | 3.26 | 3.90E-05 | 2.46E-05 | 1.81E-05 | 1.49E-05 | 1.54E-05 | 2.32E-05 | 4.68E-05 | 1.02E-04 | 1.03E-04 | 1.02E-04 | 8.92E-05 | 8.36E-05 | 8.43E-05 | 8.17E-05 | 8.39E-05 | 9.18E-05 | 9.49E-05 | 9.91E-05 | 9.42E-05 | 8.25E-05 | 6.80E-05 | 6.13E-05 | 6.13E-05 | 5.38E-05 |
| | | LDE02 | Volume | 842410.9 | 820528.5 | 190.0 | 3.50 | 24.19 | 3.26 | 1.95E-05 | 1.23E-05 | 9.06E-06 | 7.47E-06 | 7.71E-06 | 1.16E-05 | 2.34E-05 | 5.12E-05 | 5.13E-05 | 5.11E-05 | 4.46E-05 | 4.18E-05 | 4.22E-05 | 4.08E-05 | 4.19E-05 | 4.59E-05 | 4.74E-05 | 4.96E-05 | 4.71E-05 | 4.13E-05 | 3.40E-05 | 3.06E-05 | 3.06E-05 | 2.69E-05 |
| | Portal of Landscape Deck at Western Side | LDW01 | Volume | 842346.8 | 820667.5 | 190.0 | 3.50 | 17.95 | 3.26 | 1.95E-05 | 1.23E-05 | 9.06E-06 | 7.47E-06 | 7.71E-06 | 1.16E-05 | 2.34E-05 | 5.12E-05 | 5.13E-05 | 5.11E-05 | 4.46E-05 | 4.18E-05 | 4.22E-05 | 4.08E-05 | 4.19E-05 | 4.59E-05 | 4.74E-05 | 4.96E-05 | 4.71E-05 | 4.13E-05 | 3.40E-05 | 3.06E-05 | 3.06E-05 | 2.69E-05 |
| | | LDW02 | Volume | 842343.1 | 820705.9 | 190.0 | 3.50 | 17.95 | 3.26 | 1.95E-05 | 1.23E-05 | 9.06E-06 | 7.47E-06 | 7.71E-06 | 1.16E-05 | 2.34E-05 | 5.12E-05 | 5.13E-05 | 5.11E-05 | 4.46E-05 | 4.18E-05 | 4.22E-05 | 4.08E-05 | 4.19E-05 | 4.59E-05 | 4.74E-05 | 4.96E-05 | 4.71E-05 | 4.13E-05 | 3.40E-05 | 3.06E-05 | 3.06E-05 | 2.69E-05 |
| | | LDW03 | Volume | 842339.4 | 820744.3 | 190.0 | 3.50 | 17.95 | 3.26 | 9.74E-06 | 6.14E-06 | 4.53E-06 | 3.74E-06 | 3.86E-06 | 5.79E-06 | 1.17E-05 | 2.56E-05 | 2.56E-05 | 2.55E-05 | 2.23E-05 | 2.09E-05 | 2.11E-05 | 2.04E-05 | 2.10E-05 | 2.30E-05 | 2.37E-05 | 2.48E-05 | 2.35E-05 | 2.06E-05 | 1.70E-05 | 1.53E-05 | 1.53E-05 | 1.35E-05 |
| | | LDW04 | Volume | 842335.7 | 820782.8 | 190.0 | 3.50 | 17.95 | 3.26 | 9.74E-06 | 6.14E-06 | 4.53E-06 | 3.74E-06 | 3.86E-06 | 5.79E-06 | 1.17E-05 | 2.56E-05 | 2.56E-05 | 2.55E-05 | 2.23E-05 | 2.09E-05 | 2.11E-05 | 2.04E-05 | 2.10E-05 | 2.30E-05 | 2.37E-05 | 2.48E-05 | 2.35E-05 | 2.06E-05 | 1.70E-05 | 1.53E-05 | 1.53E-05 | 1.35E-05 |
| Underpass to Po Lam Road | Portal of underpass to Po Lam Road at Eastern Side | PLE001 | Volume | 842985.8 | 820190.4 | 165.6 | 2.75 | 9.53 | 2.56 | 3.18E-05 | 1.94E-05 | 1.50E-05 | 1.02E-05 | 1.24E-05 | 1.84E-05 | 3.75E-05 | 8.14E-05 | 8.16E-05 | 8.13E-05 | 7.11E-05 | 6.81E-05 | 6.85E-05 | 6.72E-05 | 6.83E-05 | 7.27E-05 | 7.75E-05 | 7.90E-05 | 7.66E-05 | 6.74E-05 | 5.37E-05 | 5.06E-05 | 5.00E-05 | 4.29E-05 |
| | | PLE002 | Volume | 843002.4 | 820178.4 | 165.6 | 2.75 | 9.53 | 2.56 | 3.18E-05 | 1.94E-05 | 1.50E-05 | 1.02E-05 | 1.24E-05 | 1.84E-05 | 3.75E-05 | 8.14E-05 | 8.16E-05 | 8.13E-05 | 7.11E-05 | 6.81E-05 | 6.85E-05 | 6.72E-05 | 6.83E-05 | 7.27E-05 | 7.75E-05 | 7.90E-05 | 7.66E-05 | 6.74E-05 | 5.37E-05 | 5.06E-05 | 5.00E-05 | 4.29E-05 |
| | | PLE003 | Volume | 843019.0 | 820166.3 | 165.6 | 2.75 | 9.53 | 2.56 | 3.18E-05 | 1.94E-05 | 1.50E-05 | 1.02E-05 | 1.24E-05 | 1.84E-05 | 3.75E-05 | 8.14E-05 | 8.16E-05 | 8.13E-05 | 7.11E-05 | 6.81E-05 | 6.85E-05 | 6.72E-05 | 6.83E-05 | 7.27E-05 | 7.75E-05 | 7.90E-05 | 7.66E-05 | 6.74E-05 | 5.37E-05 | 5.06E-05 | 5.00E-05 | 4.29E-05 |
| | | PLE004 | Volume | 843035.6 | 820154.3 | 165.6 | 2.75 | 9.53 | 2.56 | 1.59E-05 | 9.70E-06 | 7.50E-06 | 5.08E-06 | 6.21E-06 | 9.19E-06 | 1.87E-05 | 4.07E-05 | 4.08E-05 | 4.07E-05 | 3.55E-05 | 3.40E-05 | 3.42E-05 | 3.36E-05 | 3.41E-05 | 3.64E-05 | 3.88E-05 | 3.95E-05 | 3.83E-05 | 3.37E-05 | 2.68E-05 | 2.53E-05 | 2.50E-05 | 2.14E-05 |
| | | PLE005 | Volume | 843052.1 | 820142.2 | 165.6 | 2.75 | 9.53 | 2.56 | 1.59E-05 | 9.70E-06 | 7.50E-06 | 5.08E-06 | 6.21E-06 | 9.19E-06 | 1.87E-05 | 4.07E-05 | 4.08E-05 | 4.07E-05 | 3.55E-05 | 3.40E-05 | 3.42E-05 | 3.36E-05 | 3.41E-05 | 3.64E-05 | 3.88E-05 | 3.95E-05 | 3.83E-05 | 3.37E-05 | 2.68E-05 | 2.53E-05 | 2.50E-05 | 2.14E-05 |
| | | PLE006 | Volume | 843068.7 | 820130.2 | 165.6 | 2.75 | 9.53 | 2.56 | 1.59E-05 | 9.70E-06 | 7.50E-06 | 5.08E-06 | 6.21E-06 | 9.19E-06 | 1.87E-05 | 4.07E-05 | 4.08E-05 | 4.07E-05 | 3.55E-05 | 3.40E-05 | 3.42E-05 | 3.36E-05 | 3.41E-05 | 3.64E-05 | 3.88E-05 | 3.95E-05 | 3.83E-05 | 3.37E-05 | 2.68E-05 | 2.53E-05 | 2.50E-05 | 2.14E-05 |
| | Portal of underpass to Po Lam Road at Western Side | PLW01 | Volume | 842846.9 | 820147.5 | 174.4 | 2.75 | 7.44 | 2.56 | 2.38E-05 | 1.46E-05 | 1.12E-05 | 7.62E-06 | 9.31E-06 | 1.38E-05 | 2.81E-05 | 6.11E-05 | 6.12E-05 | 6.10E-05 | 5.33E-05 | 5.11E-05 | 5.14E-05 | 5.04E-05 | 5.12E-05 | 5.45E-05 | 5.81E-05 | 5.93E-05 | 5.75E-05 | 5.06E-05 | 4.02E-05 | 3.80E-05 | 3.75E-05 | 3.22E-05 |
| | | PLW02 | Volume | 842839.9 | 820133.2 | 174.4 | 2.75 | 7.44 | 2.56 | 2.38E-05 | 1.46E-05 | 1.12E-05 | 7.62E-06 | 9.31E-06 | 1.38E-05 | 2.81E-05 | 6.11E-05 | 6.12E-05 | 6.10E-05 | 5.33E-05 | 5.11E-05 | 5.14E-05 | 5.04E-05 | 5.12E-05 | 5.45E-05 | 5.81E-05 | 5.93E-05 | 5.75E-05 | 5.06E-05 | 4.02E-05 | 3.80E-05 | 3.75E-05 | 3.22E-05 |
| | | PLW03 | Volume | 842832.9 | 820118.8 | 174.4 | 2.75 | 7.44 | 2.56 | 2.38E-05 | 1.46E-05 | 1.12E-05 | 7.62E-06 | 9.31E-06 | 1.38E-05 | 2.81E-05 | 6.11E-05 | 6.12E-05 | 6.10E-05 | 5.33E-05 | 5.11E-05 | 5.14E-05 | 5.04E-05 | 5.12E-05 | 5.45E-05 | 5.81E-05 | 5.93E-05 | 5.75E-05 | 5.06E-05 | 4.02E-05 | 3.80E-05 | 3.75E-05 | 3.22E-05 |
| | | PLW04 | Volume | 842825.9 | 820104.4 | 174.4 | 2.75 | 7.44 | 2.56 | 2.38E-05 | 1.46E-05 | 1.12E-05 | 7.62E-06 | 9.31E-06 | 1.38E-05 | 2.81E-05 | 6.11E-05 | 6.12E-05 | 6.10E-05 | 5.33E-05 | 5.11E-05 | 5.14E-05 | 5.04E-05 | 5.12E-05 | 5.45E-05 | 5.81E-05 | 5.93E-05 | 5.75E-05 | 5.06E-05 | 4.02E-05 | 3.80E-05 | 3.75E-05 | 3.22E-05 |
| | | PLW05 | Volume | 842818.9 | 820090.0 | 174.4 | 2.75 | 7.44 | 2.56 | 1.19E-05 | 7.28E-06 | 5.62E-06 | 3.81E-06 | 4.66E-06 | 6.89E-06 | 1.41E-05 | 3.05E-05 | 3.06E-05 | 3.05E-05 | 2.66E-05 | 2.55E-05 | 2.57E-05 | 2.52E-05 | 2.56E-05 | 2.73E-05 | 2.91E-05 | 2.96E-05 | 2.87E-05 | 2.53E-05 | 2.01E-05 | 1.90E-05 | 1.88E-05 | 1.61E-05 |
| | | PLW06 | Volume | 842811.8 | 820075.6 | 174.4 | 2.75 | 7.44 | 2.56 | 1.19E-05 | 7.28E-06 | 5.62E-06 | 3.81E-06 | 4.66E-06 | 6.89E-06 | 1.41E-05 | 3.05E-05 | 3.06E-05 | 3.05E-05 | 2.66E-05 | 2.55E-05 | 2.57E-05 | 2.52E-05 | 2.56E-05 | 2.73E-05 | 2.91E-05 | 2.96E-05 | 2.87E-05 | 2.53E-05 | 2.01E-05 | 1.90E-05 | 1.88E-05 | 1.61E-05 |
| | | PLW07 | Volume | 842804.8 | 820061.2 | 174.4 | 2.75 | 7.44 | 2.56 | 1.19E-05 | 7.28E-06 | 5.62E-06 | 3.81E-06 | 4.66E-06 | 6.89E-06 | 1.41E-05 | 3.05E-05 | 3.06E-05 | 3.05E-05 | 2.66E-05 | 2.55E-05 | 2.57E-05 | 2.52E-05 | 2.56E-05 | 2.73E-05 | 2.91E-05 | 2.96E-05 | 2.87E-05 | 2.53E-05 | 2.01E-05 | 1.90E-05 | 1.88E-05 | 1.61E-05 |
| | | PLW08 | Volume | 842797.8 | 820046.9 | 174.4 | 2.75 | 7.44 | 2.56 | 1.19E-05 | 7.28E-06 | 5.62E-06 | 3.81E-06 | 4.66E-06 | 6.89E-06 | 1.41E-05 | 3.05E-05 | 3.06E-05 | 3.05E-05 | 2.66E-05 | 2.55E-05 | 2.57E-05 | 2.52E-05 | 2.56E-05 | 2.73E-05 | 2.91E-05 | 2.96E-05 | 2.87E-05 | 2.53E-05 | 2.01E-05 | 1.90E-05 | 1.88E-05 | 1.61E-05 |

**FSP Hourly Traffic Flow and Emission Factors at Year 2017**

| Tunnel | Source | Direction | Tunnel Length | Tunnel Length | Traffic Flow and Emission Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | (m) | (mile) | Hr 00 | | Hr 01 | | Hr 02 | | Hr 03 | | Hr 04 | | Hr 05 | | Hr 06 | | Hr 07 | | Hr 08 | | Hr 09 | | Hr 10 | | Hr 11 | | Hr 12 | | Hr 13 | | Hr 14 | | Hr 15 | | Hr 16 | | Hr 17 | | Hr 18 | | Hr 19 | | Hr 20 | | Hr 21 | | Hr 22 | | Hr 23 | |
| | | | | | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) | Flow (veh/hr) | EmF (g/mile-veh) |
| Tseung Kwan O Tunnel | Tseung Kwan O Tunnel (WB) Tunnel Portal at Kwun Tong Side | Tseung Kwan O Tunnel (WB) | 857 | 0.5324 | 803 | 0.0435 | 580 | 0.0431 | 453 | 0.0419 | 358 | 0.0414 | 358 | 0.0414 | 580 | 0.0432 | 1101 | 0.0448 | 2207 | 0.0500 | 2636 | 0.0600 | 2393 | 0.0518 | 2211 | 0.0599 | 2083 | 0.0533 | 2063 | 0.0500 | 2012 | 0.0500 | 2230 | 0.0499 | 2334 | 0.0500 | 2473 | 0.0516 | 2517 | 0.0534 | 2477 | 0.0531 | 2127 | 0.0549 | 1638 | 0.0516 | 1507 | 0.0499 | 1435 | 0.0475 | 1185 | 0.0453 |
| | Tseung Kwan O Tunnel (EB) Tunnel Portal at Tseung Kwan O side | Tseung Kwan O Tunnel (EB) | 871 | 0.5410 | 948 | 0.0431 | 685 | 0.0432 | 535 | 0.0425 | 422 | 0.0425 | 422 | 0.0425 | 685 | 0.0434 | 1300 | 0.0449 | 2605 | 0.0499 | 3112 | 0.0600 | 2826 | 0.0517 | 2610 | 0.0600 | 2460 | 0.0532 | 2436 | 0.0499 | 2375 | 0.0499 | 2633 | 0.0500 | 2755 | 0.0501 | 2920 | 0.0518 | 2971 | 0.0534 | 2924 | 0.0534 | 2511 | 0.0552 | 1934 | 0.0518 | 1779 | 0.0498 | 1694 | 0.0475 | 1399 | 0.0455 |

**FSP Hourly Emission at Year 2017**

| Tunnel | Source | Direction | Tunnel Length | Tunnel Length | Hourly FSP Emission (g/hr) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | (m) | (mile) | Hr 00 | | Hr 01 | | Hr 02 | | Hr 03 | | Hr 04 | | Hr 05 | | Hr 06 | | Hr 07 | | Hr 08 | | Hr 09 | | Hr 10 | | Hr 11 | | Hr 12 | | Hr 13 | | Hr 14 | | Hr 15 | | Hr 16 | | Hr 17 | | Hr 18 | | Hr 19 | | Hr 20 | | Hr 21 | | Hr 22 | | Hr 23 | |
| | | | | | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) | Emission (g/hr) |
| Tseung Kwan O Tunnel | Tseung Kwan O Tunnel (WB) Tunnel Portal at Kwun Tong Side | Tseung Kwan O Tunnel (WB) | 857 | 0.5324 | 1.86E+01 | 1.86E+01 | 1.33E+01 | 1.33E+01 | 1.01E+01 | 1.01E+01 | 7.89E+00 | 7.89E+00 | 7.88E+00 | 7.88E+00 | 1.33E+01 | 1.33E+01 | 2.63E+01 | 2.63E+01 | 5.87E+01 | 5.87E+01 | 8.42E+01 | 8.42E+01 | 6.59E+01 | 6.59E+01 | 7.06E+01 | 7.06E+01 | 5.91E+01 | 5.91E+01 | 5.49E+01 | 5.49E+01 | 5.35E+01 | 5.35E+01 | 5.93E+01 | 5.93E+01 | 6.21E+01 | 6.21E+01 | 6.79E+01 | 6.79E+01 | 7.16E+01 | 7.16E+01 | 7.00E+01 | 7.00E+01 | 6.22E+01 | 6.22E+01 | 4.50E+01 | 4.50E+01 | 4.00E+01 | 4.00E+01 | 3.63E+01 | 3.63E+01 | 2.86E+01 | 2.86E+01 |
| | Tseung Kwan O Tunnel (EB) Tunnel Portal at Tseung Kwan O side | Tseung Kwan O Tunnel (EB) | 871 | 0.5410 | 2.21E+01 | 2.21E+01 | 1.60E+01 | 1.60E+01 | 1.23E+01 | 1.23E+01 | 9.71E+00 | 9.71E+00 | 9.70E+00 | 9.70E+00 | 1.61E+01 | 1.61E+01 | 3.16E+01 | 3.16E+01 | 7.03E+01 | 7.03E+01 | 1.01E+02 | 1.01E+02 | 7.90E+01 | 7.90E+01 | 8.47E+01 | 8.47E+01 | 7.08E+01 | 7.08E+01 | 6.58E+01 | 6.58E+01 | 6.42E+01 | 6.42E+01 | 7.13E+01 | 7.13E+01 | 7.47E+01 | 7.47E+01 | 8.18E+01 | 8.18E+01 | 8.59E+01 | 8.59E+01 | 8.45E+01 | 8.45E+01 | 7.49E+01 | 7.49E+01 | 5.42E+01 | 5.42E+01 | 4.79E+01 | 4.79E+01 | 4.35E+01 | 4.35E+01 | 3.45E+01 | 3.45E+01 |

**FSP Hourly Emission at Year 2017**

| Tunnel | Source | Tunnel Length | Tunnel Length | Hourly FSP Emission Rate at Tunnel Portal (g/s) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | (m) | (mile) | Hr 00 | | Hr 01 | | Hr 02 | | Hr 03 | | Hr 04 | | Hr 05 | | Hr 06 | | Hr 07 | | Hr 08 | | Hr 09 | | Hr 10 | | Hr 11 | | Hr 12 | | Hr 13 | | Hr 14 | | Hr 15 | | Hr 16 | | Hr 17 | | Hr 18 | | Hr 19 | | Hr 20 | | Hr 21 | | Hr 22 | | Hr 23 | |
| | | | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | | Emission (g/s) | |
| Tseung Kwan O Tunnel | Tseung Kwan O Tunnel (WB) Tunnel Portal at Kwun Tong Side | 857 | 0.5324 | 5.16E-03 | | 3.69E-03 | | 2.81E-03 | | 2.19E-03 | | 2.19E-03 | | 3.71E-03 | | 7.30E-03 | | 1.63E-02 | | 2.34E-02 | | 1.83E-02 | | 1.96E-02 | | 1.64E-02 | | 1.53E-02 | | 1.49E-02 | | 1.65E-02 | | 1.72E-02 | | 1.89E-02 | | 1.99E-02 | | 1.95E-02 | | 1.73E-02 | | 1.25E-02 | | 1.11E-02 | | 1.01E-02 | | 7.94E-03 | |
| | Tseung Kwan O Tunnel (EB) Tunnel Portal at Tseung Kwan O side | 871 | 0.5410 | 6.14E-03 | | 4.45E-03 | | 3.42E-03 | | 2.70E-03 | | 2.69E-03 | | 4.46E-03 | | 8.76E-03 | | 1.95E-02 | | 2.81E-02 | | 2.19E-02 | | 2.35E-02 | | 1.97E-02 | | 1.83E-02 | | 1.78E-02 | | 1.98E-02 | | 2.07E-02 | | 2.27E-02 | | 2.38E-02 | | 2.35E-02 | | 2.08E-02 | | 1.50E-02 | | 1.33E-02 | | 1.21E-02 | | 9.58E-03 | |

**FSP Emission Inventory for Tunnel Portal Emission at 2017**

| Tunnel | Source | Source ID | Type | X | Y | Base Elevation | Release Height | Lateral Dim. (Sy) | Vertical Dim. (Sz) | Hourly FSP Emission Rate (g/s) | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | (m) | (m) | (m) | (m) | (m) | (m) | Hr 00 | Hr 01 | Hr 02 | Hr 03 | Hr 04 | Hr 05 | Hr 06 | Hr 07 | Hr 08 | Hr 09 | Hr 10 | Hr 11 | Hr 12 | Hr 13 | Hr 14 | Hr 15 | Hr 16 | Hr 17 | Hr 18 | Hr 19 | Hr 20 | Hr 21 | Hr 22 | Hr 23 |
| Tseung Kwan O Tunnel | Tseung Kwan O Tunnel (WB) Tunnel Portal at Kwun Tong Side | TTW01 | Volume | 843056.2 | 819795.5 | 81.1 | 3.80 | 3.26 | 3.53 | 4.30E-04 | 3.08E-04 | 2.34E-04 | 1.83E-04 | 1.82E-04 | 3.09E-04 | 6.09E-04 | 1.36E-03 | 1.95E-03 | 1.53E-03 | 1.63E-03 | 1.37E-03 | 1.27E-03 | 1.24E-03 | 1.37E-03 | 1.44E-03 | 1.57E-03 | 1.66E-03 | 1.62E-03 | 1.44E-03 | 1.04E-03 | 9.27E-04 | 8.39E-04 | 6.62E-04 |
| | | TTW02 | Volume | 843050.6 | 819791.4 | 81.1 | 3.80 | 3.26 | 3.53 | 4.30E-04 | 3.08E-04 | 2.34E-04 | 1.83E-04 | 1.82E-04 | 3.09E-04 | 6.09E-04 | 1.36E-03 | 1.95E-03 | 1.53E-03 | 1.63E-03 | 1.37E-03 | 1.27E-03 | 1.24E-03 | 1.37E-03 | 1.44E-03 | 1.57E-03 | 1.66E-03 | 1.62E-03 | 1.44E-03 | 1.04E-03 | 9.27E-04 | 8.39E-04 | 6.62E-04 |
| | | TTW03 | Volume | 843044.9 | 819787.2 | 81.1 | 3.80 | 3.26 | 3.53 | 4.30E-04 | 3.08E-04 | 2.34E-04 | 1.83E-04 | 1.82E-04 | 3.09E-04 | 6.09E-04 | 1.36E-03 | 1.95E-03 | 1.53E-03 | 1.63E-03 | 1.37E-03 | 1.27E-03 | 1.24E-03 | 1.37E-03 | 1.44E-03 | 1.57E-03 | 1.66E-03 | 1.62E-03 | 1.44E-03 | 1.04E-03 | 9.27E-04 | 8.39E-04 | 6.62E-04 |
| | | TTW04 | Volume | 843039.2 | 819783.1 | 81.1 | 3.80 | 3.26 | 3.53 | 4.30E-04 | 3.08E-04 | 2.34E-04 | 1.83E-04 | 1.82E-04 | 3.09E-04 | 6.09E-04 | 1.36E-03 | 1.95E-03 | 1.53E-03 | 1.63E-03 | 1.37E-03 | 1.27E-03 | 1.24E-03 | 1.37E-03 | 1.44E-03 | 1.57E-03 | 1.66E-03 | 1.62E-03 | 1.44E-03 | 1.04E-03 | 9.27E-04 | 8.39E-04 | 6.62E-04 |
| | | TTW05 | Volume | 843033.6 | 819779.0 | 81.1 | 3.80 | 3.26 | 3.53 | 4.30E-04 | 3.08E-04 | 2.34E-04 | 1.83E-04 | 1.82E-04 | 3.09E-04 | 6.09E-04 | 1.36E-03 | 1.95E-03 | 1.53E-03 | 1.63E-03 | 1.37E-03 | 1.27E-03 | 1.24E-03 | 1.37E-03 | 1.44E-03 | 1.57E-03 | 1.66E-03 | 1.62E-03 | 1.44E-03 | 1.04E-03 | 9.27E-04 | 8.39E-04 | 6.62E-04 |
| | | TTW06 | Volume | 843027.9 | 819774.9 | 81.1 | 3.80 | 3.26 | 3.53 | 4.30E-04 | 3.08E-04 | 2.34E-04 | 1.83E-04 | 1.82E-04 | 3.09E-04 | 6.09E-04 | 1.36E-03 | 1.95E-03 | 1.53E-03 | 1.63E-03 | 1.37E-03 | 1.27E-03 | 1.24E-03 | 1.37E-03 | 1.44E-03 | 1.57E-03 | 1.66E-03 | 1.62E-03 | 1.44E-03 | 1.04E-03 | 9.27E-04 | 8.39E-04 | 6.62E-04 |
| | | TTW07 | Volume | 843022.2 | 819770.8 | 81.1 | 3.80 | 3.26 | 3.53 | 4.30E-04 | 3.08E-04 | 2.34E-04 | 1.83E-04 | 1.82E-04 | 3.09E-04 | 6.09E-04 | 1.36E-03 | 1.95E-03 | 1.53E-03 | 1.63E-03 | 1.37E-03 | 1.27E-03 | 1.24E-03 | 1.37E-03 | 1.44E-03 | 1.57E-03 | 1.66E-03 | 1.62E-03 | 1.44E-03 | 1.04E-03 | 9.27E-04 | 8.39E-04 | 6.62E-04 |
| | | TTW08 | Volume | 843016.6 | 819766.7 | 81.1 | 3.80 | 3.26 | 3.53 | 4.30E-04 | 3.08E-04 | 2.34E-04 | 1.83E-04 | 1.82E-04 | 3.09E-04 | 6.09E-04 | 1.36E-03 | 1.95E-03 | 1.53E-03 | 1.63E-03 | 1.37E-03 | 1.27E-03 | 1.24E-03 | 1.37E-03 | 1.44E-03 | 1.57E-03 | 1.66E-03 | 1.62E-03 | 1.44E-03 | 1.04E-03 | 9.27E-04 | 8.39E-04 | 6.62E-04 |
| | | TTW09 | Volume | 843010.9 | 819762.6 | 81.1 | 3.80 | 3.26 | 3.53 | 2.15E-04 | 1.54E-04 | 1.17E-04 | 9.13E-05 | 9.12E-05 | 1.54E-04 | 3.04E-04 | 6.79E-04 | 9.75E-04 | 7.63E-04 | 8.17E-04 | 6.84E-04 | 6.36E-04 | 6.20E-04 | 6.86E-04 | 7.19E-04 | 7.86E-04 | 8.29E-04 | 8.11E-04 | 7.20E-04 | 5.21E-04 | 4.64E-04 | 4.20E-04 | 3.31E-04 |
| | | TTW10 | Volume | 843005.2 | 819758.4 | 81.1 | 3.80 | 3.26 | 3.53 | 2.15E-04 | 1.54E-04 | 1.17E-04 | 9.13E-05 | 9.12E-05 | 1.54E-04 | 3.04E-04 | 6.79E-04 | 9.75E-04 | 7.63E-04 | 8.17E-04 | 6.84E-04 | 6.36E-04 | 6.20E-04 | 6.86E-04 | 7.19E-04 | 7.86E-04 | 8.29E-04 | 8.11E-04 | 7.20E-04 | 5.21E-04 | 4.64E-04 | 4.20E-04 | 3.31E-04 |
| | | TTW11 | Volume | 842999.6 | 819754.3 | 81.1 | 3.80 | 3.26 | 3.53 | 2.15E-04 | 1.54E-04 | 1.17E-04 | 9.13E-05 | 9.12E-05 | 1.54E-04 | 3.04E-04 | 6.79E-04 | 9.75E-04 | 7.63E-04 | 8.17E-04 | 6.84E-04 | 6.36E-04 | 6.20E-04 | 6.86E-04 | 7.19E-04 | 7.86E-04 | 8.29E-04 | 8.11E-04 | 7.20E-04 | 5.21E-04 | 4.64E-04 | 4.20E-04 | 3.31E-04 |
| | | TTW12 | Volume | 842993.9 | 819750.2 | 81.1 | 3.80 | 3.26 | 3.53 | 2.15E-04 | 1.54E-04 | 1.17E-04 | 9.13E-05 | 9.12E-05 | 1.54E-04 | 3.04E-04 | 6.79E-04 | 9.75E-04 | 7.63E-04 | 8.17E-04 | 6.84E-04 | 6.36E-04 | 6.20E-04 | 6.86E-04 | 7.19E-04 | 7.86E-04 | 8.29E-04 | 8.11E-04 | 7.20E-04 | 5.21E-04 | 4.64E-04 | 4.20E-04 | 3.31E-04 |
| | | TTW13 | Volume | 842988.3 | 819746.1 | 81.1 | 3.80 | 3.26 | 3.53 | 2.15E-04 | 1.54E-04 | 1.17E-04 | 9.13E-05 | 9.12E-05 | 1.54E-04 | 3.04E-04 | 6.79E-04 | 9.75E-04 | 7.63E-04 | 8.17E-04 | 6.84E-04 | 6.36E-04 | 6.20E-04 | 6.86E-04 | 7.19E-04 | 7.86E-04 | 8.29E-04 | 8.11E-04 | 7.20E-04 | 5.21E-04 | 4.64E-04 | 4.20E-04 | 3.31E-04 |
| | | TTW14 | Volume | 842982.6 | 819742.0 | 81.1 | 3.80 | 3.26 | 3.53 | 2.15E-04 | 1.54E-04 | 1.17E-04 | 9.13E-05 | 9.12E-05 | 1.54E-04 | 3.04E-04 | 6.79E-04 | 9.75E-04 | 7.63E-04 | 8.17E-04 | 6.84E-04 | 6.36E-04 | 6.20E-04 | 6.86E-04 | 7.19E-04 | 7.86E-04 | 8.29E-04 | 8.11E-04 | 7.20E-04 | 5.21E-04 | 4.64E-04 | 4.20E-04 | 3.31E-04 |
| | | TTW15 | Volume | 842976.9 | 819737.9 | 81.1 | 3.80 | 3.26 | 3.53 | 2.15E-04 | 1.54E-04 | 1.17E-04 | 9.13E-05 | 9.12E-05 | 1.54E-04 | 3.04E-04 | 6.79E-04 | 9.75E-04 | 7.63E-04 | 8.17E-04 | 6.84E-04 | 6.36E-04 | 6.20E-04 | 6.86E-04 | 7.19E-04 | 7.86E-04 | 8.29E-04 | 8.11E-04 | 7.20E-04 | 5.21E-04 | 4.64E-04 | 4.20E-04 | 3.31E-04 |
| | | TTW16 | Volume | 842971.3 | 819733.8 | 81.1 | 3.80 | 3.26 | 3.53 | 2.15E-04 | 1.54E-04 | 1.17E-04 | 9.13E-05 | 9.12E-05 | 1.54E-04 | 3.04E-04 | 6.79E-04 | 9.75E-04 | 7.63E-04 | 8.17E-04 | 6.84E-04 | 6.36E-04 | 6.20E-04 | 6.86E-04 | 7.19E-04 | 7.86E-04 | 8.29E-04 | 8.11E-04 | 7.20E-04 | 5.21E-04 | 4.64E-04 | 4.20E-04 | 3.31E-04 |
| | Tseung Kwan O Tunnel (EB) Tunnel Portal at Tseung Kwan O side | TTE01 | Volume | 843804.3 | 820239.6 | 62.5 | 3.80 | 3.26 | 3.53 | 5.12E-04 | 3.71E-04 | 2.85E-04 | 2.25E-04 | 2.25E-04 | 3.72E-04 | 7.30E-04 | 1.63E-03 | 2.34E-03 | 1.83E-03 | 1.96E-03 | 1.64E-03 | 1.52E-03 | 1.49E-03 | 1.65E-03 | 1.73E-03 | 1.89E-03 | 1.99E-03 | 1.96E-03 | 1.73E-03 | 1.25E-03 | 1.11E-03 | 1.01E-03 | 7.98E-04 |
| | | TTE02 | Volume | 843811.3 | 820240.6 | 62.5 | 3.80 | 3.26 | 3.53 | 5.12E-04 | 3.71E-04 | 2.85E-04 | 2.25E-04 | 2.25E-04 | 3.72E-04 | 7.30E-04 | 1.63E-03 | 2.34E-03 | 1.83E-03 | 1.96E-03 | 1.64E-03 | 1.52E-03 | 1.49E-03 | 1.65E-03 | 1.73E-03 | 1.89E-03 | 1.99E-03 | 1.96E-03 | 1.73E-03 | 1.25E-03 | 1.11E-03 | 1.01E-03 | 7.98E-04 |
| | | TTE03 | Volume | 843818.2 | 820241.6 | 62.5 | 3.80 | 3.26 | 3.53 | 5.12E-04 | 3.71E-04 | 2.85E-04 | 2.25E-04 | 2.25E-04 | 3.72E-04 | 7.30E-04 | 1.63E-03 | 2.34E-03 | 1.83E-03 | 1.96E-03 | 1.64E-03 | 1.52E-03 | 1.49E-03 | 1.65E-03 | 1.73E-03 | 1.89E-03 | 1.99E-03 | 1.96E-03 | 1.73E-03 | 1.25E-03 | 1.11E-03 | 1.01E-03 | 7.98E-04 |
| | | TTE04 | Volume | 843825.1 | 820242.5 | 62.5 | 3.80 | 3.26 | 3.53 | 5.12E-04 | 3.71E-04 | 2.85E-04 | 2.25E-04 | 2.25E-04 | 3.72E-04 | 7.30E-04 | 1.63E-03 | 2.34E-03 | 1.83E-03 | 1.96E-03 | 1.64E-03 | 1.52E-03 | 1.49E-03 | 1.65E-03 | 1.73E-03 | 1.89E-03 | 1.99E-03 | 1.96E-03 | 1.73E-03 | 1.25E-03 | 1.11E-03 | 1.01E-03 | 7.98E-04 |
| | | TTE05 | Volume | 843832.0 | 820243.5 | 62.5 | 3.80 | 3.26 | 3.53 | 5.12E-04 | 3.71E-04 | 2.85E-04 | 2.25E-04 | 2.25E-04 | 3.72E-04 | 7.30E-04 | 1.63E-03 | 2.34E-03 | 1.83E-03 | 1.96E-03 | 1.64E-03 | 1.52E-03 | 1.49E-03 | 1.65E-03 | 1.73E-03 | 1.89E-03 | 1.99E-03 | 1.96E-03 | 1.73E-03 | 1.25E-03 | 1.11E-03 | 1.01E-03 | 7.98E-04 |
| | | TTE06 | Volume | 843839.0 | 820244.5 | 62.5 | 3.80 | 3.26 | 3.53 | 5.12E-04 | 3.71E-04 | 2.85E-04 | 2.25E-04 | 2.25E-04 | 3.72E-04 | 7.30E-04 | 1.63E-03 | 2.34E-03 | 1.83E-03 | 1.96E-03 | 1.64E-03 | 1.52E-03 | 1.49E-03 | 1.65E-03 | 1.73E-03 | 1.89E-03 | 1.99E-03 | 1.96E-03 | 1.73E-03 | 1.25E-03 | 1.11E-03 | 1.01E-03 | 7.98E-04 |
| | | TTE07 | Volume | 843845.9 | 820245.5 | 62.5 | 3.80 | 3.26 | 3.53 | 5.12E-04 | 3.71E-04 | 2.85E-04 | 2.25E-04 | 2.25E-04 | 3.72E-04 | 7.30E-04 | 1.63E-03 | 2.34E-03 | 1.83E-03 | 1.96E-03 | 1.64E-03 | 1.52E-03 | 1.49E-03 | 1.65E-03 | 1.73E-03 | 1.89E-03 | 1.99E-03 | 1.96E-03 | 1.73E-03 | 1.25E-03 | 1.11E-03 | 1.01E-03 | 7.98E-04 |
| | | TTE08 | Volume | 843852.8 | 820246.4 | 62.5 | 3.80 | 3.26 | 3.53 | 5.12E-04 | 3.71E-04 | 2.85E-04 | 2.25E-04 | 2.25E-04 | 3.72E-04 | 7.30E-04 | 1.63E-03 | 2.34E-03 | 1.83E-03 | 1.96E-03 | 1.64E-03 | 1.52E-03 | 1.49E-03 | 1.65E-03 | 1.73E-03 | 1.89E-03 | 1.99E-03 | 1.96E-03 | 1.73E-03 | 1.25E-03 | 1.11E-03 | 1.01E-03 | 7.98E-04 |
| | | TTE09 | Volume | 843859.8 | 820247.4 | 62.5 | 3.80 | 3.26 | 3.53 | 2.56E-04 | 1.85E-04 | 1.43E-04 | 1.12E-04 | 1.12E-04 | 1.86E-04 | 3.65E-04 | 8.14E-04 | 1.17E-03 | 9.14E-04 | 9.81E-04 | 8.20E-04 | 7.61E-04 | 7.43E-04 | 8.25E-04 | 8.64E-04 | 9.46E-04 | 9.94E-04 | 9.78E-04 | 8.67E-04 | 6.27E-04 | 5.55E-04 | 5.04E-04 | 3.99E-04 |
| | | TTE10 | Volume | 843866.7 | 820248.4 | 62.5 | 3.80 | 3.26 | 3.53 | 2.56E-04 | 1.85E-04 | 1.43E-04 | 1.12E-04 | 1.12E-04 | 1.86E-04 | 3.65E-04 | 8.14E-04 | 1.17E-03 | 9.14E-04 | 9.81E-04 | 8.20E-04 | 7.61E-04 | 7.43E-04 | 8.25E-04 | 8.64E-04 | 9.46E-04 | 9.94E-04 | 9.78E-04 | 8.67E-04 | 6.27E-04 | 5.55E-04 | 5.04E-04 | 3.99E-04 |
| | | TTE11 | Volume | 843873.6 | 820249.4 | 62.5 | 3.80 | 3.26 | 3.53 | 2.56E-04 | 1.85E-04 | 1.43E-04 | 1.12E-04 | 1.12E-04 | 1.86E-04 | 3.65E-04 | 8.14E-04 | 1.17E-03 | 9.14E-04 | 9.81E-04 | 8.20E-04 | 7.61E-04 | 7.43E-04 | 8.25E-04 | 8.64E-04 | 9.46E-04 | 9.94E-04 | 9.78E-04 | 8.67E-04 | 6.27E-04 | 5.55E-04 | 5.04E-04 | 3.99E-04 |
| | | TTE12 | Volume | 843880.6 | 820250.3 | 62.5 | 3.80 | 3.26 | 3.53 | 2.56E-04 | 1.85E-04 | 1.43E-04 | 1.12E-04 | 1.12E-04 | 1.86E-04 | 3.65E-04 | 8.14E-04 | 1.17E-03 | 9.14E-04 | 9.81E-04 | 8.20E-04 | 7.61E-04 | 7.43E-04 | 8.25E-04 | 8.64E-04 | 9.46E-04 | 9.94E-04 | 9.78E-04 | 8.67E-04 | 6.27E-04 | 5.55E-04 | 5.04E-04 | 3.99E-04 |
| | | TTE13 | Volume | 843887.5 | 820251.3 | 62.5 | 3.80 | 3.26 | 3.53 | 2.56E-04 | 1.85E-04 | 1.43E-04 | 1.12E-04 | 1.12E-04 | 1.86E-04 | 3.65E-04 | 8.14E-04 | 1.17E-03 | 9.14E-04 | 9.81E-04 | 8.20E-04 | 7.61E-04 | 7.43E-04 | 8.25E-04 | 8.64E-04 | 9.46E-04 | 9.94E-04 | 9.78E-04 | 8.67E-04 | 6.27E-04 | 5.55E-04 | 5.04E-04 | 3.99E-04 |
| | | TTE14 | Volume | 843894.4 | 820252.3 | 62.5 | 3.80 | 3.26 | 3.53 | 2.56E-04 | 1.85E-04 | 1.43E-04 | 1.12E-04 | 1.12E-04 | 1.86E-04 | 3.65E-04 | 8.14E-04 | 1.17E-03 | 9.14E-04 | 9.81E-04 | 8.20E-04 | 7.61E-04 | 7.43E-04 | 8.25E-04 | 8.64E-04 | 9.46E-04 | 9.94E-04 | 9.78E-04 | 8.67E-04 | 6.27E-04 | 5.55E-04 | 5.04E-04 | 3.99E-04 |
| | | TTE15 | Volume | 843901.4 | 820253.3 | 62.5 | 3.80 | 3.26 | 3.53 | 2.56E-04 | 1.85E-04 | 1.43E-04 | 1.12E-04 | 1.12E-04 | 1.86E-04 | 3.65E-04 | 8.14E-04 | 1.17E-03 | 9.14E-04 | 9.81E-04 | 8.20E-04 | 7.61E-04 | 7.43E-04 | 8.25E-04 | 8.64E-04 | 9.46E-04 | 9.94E-04 | 9.78E-04 | 8.67E-04 | 6.27E-04 | 5.55E-04 | 5.04E-04 | 3.99E-04 |
| | | TTE16 | Volume | 843908.3 | 820254.2 | 62.5 | 3.80 | 3.26 | 3.53 | 2.56E-04 | 1.85E-04 | 1.43E-04 | 1.12E-04 | 1.12E-04 | 1.86E-04 | 3.65E-04 | 8.14E-04 | 1.17E-03 | 9.14E-04 | 9.81E-04 | 8.20E-04 | 7.61E-04 | 7.43E-04 | 8.25E-04 | 8.64E-04 | 9.46E-04 | 9.94E-04 | 9.78E-04 | 8.67E-04 | 6.27E-04 | 5.55E-04 | 5.04E-04 | 3.99E-04 |