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# APPENDIX J

## EMFAC MODEL RESULTS

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| calendar_y | season_mc | sub_area              | vehicle_cla | fuel | process | pollutant | emission |
|------------|-----------|-----------------------|-------------|------|---------|-----------|----------|
| 2024       | Annual    | Monterey (LDA         |             | Dsl  | RUNEX   | Fuel      | 0.005039 |
| 2024       | Annual    | Monterey (LDT1        |             | Gas  | STREX   | Fuel      | 0.001127 |
| 2024       | Annual    | Monterey (LDT1        |             | Gas  | RUNEX   | Fuel      | 0.030462 |
| 2024       | Annual    | Monterey (LDA         |             | Gas  | STREX   | Fuel      | 0.018183 |
| 2024       | Annual    | Monterey (LDT2        |             | Gas  | RUNEX   | Fuel      | 0.278951 |
| 2024       | Annual    | Monterey (LDT2        |             | Gas  | STREX   | Fuel      | 0.01039  |
| 2024       | Annual    | Monterey (MDV         |             | Gas  | RUNEX   | Fuel      | 0.225184 |
| 2024       | Annual    | Monterey (MDV         |             | Gas  | STREX   | Fuel      | 0.009912 |
| 2024       | Annual    | Monterey (LHD1        |             | Gas  | RUNEX   | Fuel      | 0.028532 |
| 2024       | Annual    | Monterey (LHD1        |             | Gas  | IDLEX   | Fuel      | 0.000146 |
| 2024       | Annual    | Monterey (LHD1        |             | Gas  | STREX   | Fuel      | 0.001166 |
| 2024       | Annual    | Monterey (LHD2        |             | Gas  | RUNEX   | Fuel      | 0.005024 |
| 2024       | Annual    | Monterey (LHD2        |             | Gas  | IDLEX   | Fuel      | 2.09E-05 |
| 2024       | Annual    | Monterey (LHD2        |             | Gas  | STREX   | Fuel      | 0.000166 |
| 2024       | Annual    | Monterey (T6TS        |             | Gas  | RUNEX   | Fuel      | 0.0105   |
| 2024       | Annual    | Monterey (T6TS        |             | Gas  | IDLEX   | Fuel      | 5.66E-05 |
| 2024       | Annual    | Monterey (T6TS        |             | Gas  | STREX   | Fuel      | 0.000288 |
| 2024       | Annual    | Monterey (T7IS        |             | Gas  | RUNEX   | Fuel      | 0.00188  |
| 2024       | Annual    | Monterey (T7IS        |             | Gas  | STREX   | Fuel      | 2.33E-05 |
| 2024       | Annual    | Monterey (LDT1        |             | Dsl  | RUNEX   | Fuel      | 4.17E-05 |
| 2024       | Annual    | Monterey (LDT2        |             | Dsl  | RUNEX   | Fuel      | 0.000435 |
| 2024       | Annual    | Monterey (MDV         |             | Dsl  | RUNEX   | Fuel      | 0.003201 |
| 2024       | Annual    | Monterey (LHD1        |             | Dsl  | RUNEX   | Fuel      | 0.017365 |
| 2024       | Annual    | Monterey (LHD1        |             | Dsl  | IDLEX   | Fuel      | 0.000133 |
| 2024       | Annual    | Monterey (LHD2        |             | Dsl  | RUNEX   | Fuel      | 0.006858 |
| 2024       | Annual    | Monterey (LHD2        |             | Dsl  | IDLEX   | Fuel      | 6.44E-05 |
| 2024       | Annual    | Monterey (LDA         |             | Gas  | RUNEX   | Fuel      | 0.504401 |
| 2024       | Annual    | Monterey (UBUS        |             | Gas  | RUNEX   | Fuel      | 0.007881 |
| 2024       | Annual    | Monterey (UBUS        |             | Gas  | STREX   | Fuel      | 2.87E-05 |
| 2024       | Annual    | Monterey (SBUS        |             | Gas  | RUNEX   | Fuel      | 0.000725 |
| 2024       | Annual    | Monterey (SBUS        |             | Gas  | IDLEX   | Fuel      | 3.46E-05 |
| 2024       | Annual    | Monterey (SBUS        |             | Gas  | STREX   | Fuel      | 8.36E-06 |
| 2024       | Annual    | Monterey (OBUS        |             | Gas  | RUNEX   | Fuel      | 0.005883 |
| 2024       | Annual    | Monterey (OBUS        |             | Gas  | IDLEX   | Fuel      | 2.13E-05 |
| 2024       | Annual    | Monterey (OBUS        |             | Gas  | STREX   | Fuel      | 0.000103 |
| 2024       | Annual    | Monterey (MCY         |             | Gas  | RUNEX   | Fuel      | 0.006302 |
| 2024       | Annual    | Monterey (MCY         |             | Gas  | STREX   | Fuel      | 0.000338 |
| 2024       | Annual    | Monterey (MH          |             | Gas  | RUNEX   | Fuel      | 0.002589 |
| 2024       | Annual    | Monterey (MH          |             | Gas  | STREX   | Fuel      | 2.16E-06 |
| 2024       | Annual    | Monterey (MH          |             | Dsl  | RUNEX   | Fuel      | 0.000543 |
| 2024       | Annual    | Monterey (UBUS        |             | Dsl  | RUNEX   | Fuel      | 0.008647 |
| 2024       | Annual    | Monterey (T6 Ag       |             | Dsl  | RUNEX   | Fuel      | 0.001838 |
| 2024       | Annual    | Monterey (T6 Ag       |             | Dsl  | IDLEX   | Fuel      | 6.18E-05 |
| 2024       | Annual    | Monterey (T6 Public   |             | Dsl  | RUNEX   | Fuel      | 0.000754 |
| 2024       | Annual    | Monterey (T6 Public   |             | Dsl  | IDLEX   | Fuel      | 2.79E-05 |
| 2024       | Annual    | Monterey (T6 CAIRP Si |             | Dsl  | RUNEX   | Fuel      | 0.000789 |

|             |                             |       |      |          |
|-------------|-----------------------------|-------|------|----------|
| 2024 Annual | Monterey (T6 CAIRP S) Dsl   | IDLEX | Fuel | 6.66E-06 |
| 2024 Annual | Monterey (T6 CAIRP H) Dsl   | RUNEX | Fuel | 0.000253 |
| 2024 Annual | Monterey (T6 CAIRP H) Dsl   | IDLEX | Fuel | 2.63E-06 |
| 2024 Annual | Monterey (T6 Instate C) Dsl | RUNEX | Fuel | 0.006637 |
| 2024 Annual | Monterey (T6 Instate C) Dsl | IDLEX | Fuel | 6.25E-05 |
| 2024 Annual | Monterey (T6 Instate C) Dsl | RUNEX | Fuel | 0.001484 |
| 2024 Annual | Monterey (T6 Instate C) Dsl | IDLEX | Fuel | 1.07E-05 |
| 2024 Annual | Monterey (T6 Instate S) Dsl | RUNEX | Fuel | 0.037252 |
| 2024 Annual | Monterey (T6 Instate S) Dsl | IDLEX | Fuel | 0.000357 |
| 2024 Annual | Monterey (T6 Instate I) Dsl | RUNEX | Fuel | 0.014732 |
| 2024 Annual | Monterey (T6 Instate I) Dsl | IDLEX | Fuel | 0.000176 |
| 2024 Annual | Monterey (T6 OOS Sm) Dsl    | RUNEX | Fuel | 0.000452 |
| 2024 Annual | Monterey (T6 OOS Sm) Dsl    | IDLEX | Fuel | 3.81E-06 |
| 2024 Annual | Monterey (T6 OOS He) Dsl    | RUNEX | Fuel | 0.000145 |
| 2024 Annual | Monterey (T6 OOS He) Dsl    | IDLEX | Fuel | 1.52E-06 |
| 2024 Annual | Monterey (T6 Utility) Dsl   | RUNEX | Fuel | 0.000417 |
| 2024 Annual | Monterey (T6 Utility) Dsl   | IDLEX | Fuel | 1.19E-05 |
| 2024 Annual | Monterey (T7 Ag) Dsl        | RUNEX | Fuel | 0.001074 |
| 2024 Annual | Monterey (T7 Ag) Dsl        | IDLEX | Fuel | 0.00022  |
| 2024 Annual | Monterey (T7 Public) Dsl    | RUNEX | Fuel | 0.001651 |
| 2024 Annual | Monterey (T7 Public) Dsl    | IDLEX | Fuel | 0.000336 |
| 2024 Annual | Monterey (PTO) Dsl          | RUNEX | Fuel | 0.003562 |
| 2024 Annual | Monterey (T7 CAIRP) Dsl     | RUNEX | Fuel | 0.029132 |
| 2024 Annual | Monterey (T7 CAIRP) Dsl     | IDLEX | Fuel | 0.002126 |
| 2024 Annual | Monterey (T7 CAIRP C) Dsl   | RUNEX | Fuel | 0.001304 |
| 2024 Annual | Monterey (T7 CAIRP C) Dsl   | IDLEX | Fuel | 9.19E-05 |
| 2024 Annual | Monterey (T7 Utility) Dsl   | RUNEX | Fuel | 0.000166 |
| 2024 Annual | Monterey (T7 Utility) Dsl   | IDLEX | Fuel | 3.33E-05 |
| 2024 Annual | Monterey (T7 NNOOS) Dsl     | RUNEX | Fuel | 0.035107 |
| 2024 Annual | Monterey (T7 NNOOS) Dsl     | IDLEX | Fuel | 0.002905 |
| 2024 Annual | Monterey (T7 NOOS) Dsl      | RUNEX | Fuel | 0.011512 |
| 2024 Annual | Monterey (T7 NOOS) Dsl      | IDLEX | Fuel | 0.001056 |
| 2024 Annual | Monterey (T7 Other Pr) Dsl  | RUNEX | Fuel | 8.80E-11 |
| 2024 Annual | Monterey (T7 Other Pr) Dsl  | IDLEX | Fuel | 1.21E-12 |
| 2024 Annual | Monterey (T7 POAK) Dsl      | RUNEX | Fuel | 0.001763 |
| 2024 Annual | Monterey (T7 POAK) Dsl      | IDLEX | Fuel | 4.84E-05 |
| 2024 Annual | Monterey (T7 POLA) Dsl      | RUNEX | Fuel | 7.73E-11 |
| 2024 Annual | Monterey (T7 POLA) Dsl      | IDLEX | Fuel | 2.41E-12 |
| 2024 Annual | Monterey (T7 Single) Dsl    | RUNEX | Fuel | 0.014358 |
| 2024 Annual | Monterey (T7 Single) Dsl    | IDLEX | Fuel | 0.000406 |
| 2024 Annual | Monterey (T7 Single C) Dsl  | RUNEX | Fuel | 0.003459 |
| 2024 Annual | Monterey (T7 Single C) Dsl  | IDLEX | Fuel | 0.00011  |
| 2024 Annual | Monterey (T7 Tractor) Dsl   | RUNEX | Fuel | 0.020524 |
| 2024 Annual | Monterey (T7 Tractor) Dsl   | IDLEX | Fuel | 0.000467 |
| 2024 Annual | Monterey (T7 Tractor) Dsl   | RUNEX | Fuel | 0.002587 |
| 2024 Annual | Monterey (T7 Tractor) Dsl   | IDLEX | Fuel | 9.00E-05 |
| 2024 Annual | Monterey (SBUS) Dsl         | RUNEX | Fuel | 0.003696 |

|             |                       |     |       |      |          |
|-------------|-----------------------|-----|-------|------|----------|
| 2024 Annual | Monterey (SBUS        | Dsl | IDLEX | Fuel | 0.000283 |
| 2024 Annual | Monterey ( Motor Coa  | Dsl | RUNEX | Fuel | 0.007596 |
| 2024 Annual | Monterey ( Motor Coa  | Dsl | IDLEX | Fuel | 0.000328 |
| 2024 Annual | Monterey (All Other B | Dsl | RUNEX | Fuel | 0.005215 |
| 2024 Annual | Monterey (All Other B | Dsl | IDLEX | Fuel | 5.53E-05 |
| 2024 Annual | Monterey (T7 SWCV     | Dsl | IDLEX | Fuel | 0.00035  |
| 2024 Annual | Monterey (T7 SWCV     | Dsl | RUNEX | Fuel | 0.008798 |

1,000 gallons per day = 1.418545

1,000 gallons per year = 517.7688

Gallons per year = 517768.8

Daily VMT = 31,145

Annual VMT =11,367,792