

**Number of Vehicular Round Trips Needed to Exceed SLO County APCD's 25 lb of PM10 Emissions/Day Significance Threshold for Given Unpaved Road Distances**

| <b>Distance of Unmitigated Unpaved Road (miles)</b> | <b>Distance of Unmitigated Unpaved Road (feet)</b> | <b>Unpaved Road Percentage of County Average One Way Trip Distance<sup>1</sup></b> | <b># of Vehicular Round Trips needed to exceed 25 lb/d Threshold for given Unpaved Road Distance<sup>2</sup></b> |
|---|--|--|--|
| 0.01  | 53   | 0.08%  | 533.0  |
| 0.02  | 106  | 0.15%  | 271.6  |
| 0.03  | 158  | 0.23%  | 183.1  |
| 0.05  | 264  | 0.38%  | 111.4  |
| 0.10  | 528  | 0.77%  | 56.8   |
| 0.20  | 1056   | 1.54%  | 28.9   |
| 0.30  | 1584   | 2.31%  | 19.5   |
| 0.40  | 2112   | 3.08%  | 14.7   |
| 0.50  | 2640   | 3.85%  | 11.9   |
| 0.60  | 3168   | 4.62%  | 9.9  |
| 0.70  | 3696   | 5.38%  | 8.5  |
| 0.80  | 4224   | 6.15%  | 7.5  |
| 0.90  | 4752   | 6.92%  | 6.7  |
| 1.00  | 5280   | 7.69%  | 6.0  |
| 1.25  | 6600   | 9.62%  | 4.9  |
| 1.50  | 7920   | 11.54%   | 4.1  |
| 1.75  | 9240   | 13.46%   | 3.5  |
| 2.00  | 10560  | 15.38%   | 3.1  |
| 12.50   | 66000  | 96.15%   | 0.5  |

1. San Luis Obispo County Average One Way Trip Distance is 13 miles.
2. Based on CA ARB's PM10 Emission Factor of 2.0 lbs PM10 per Vehicle Mile Traveled; [www.arb.ca.gov/ei/areasrc/fullpdf/FULL7-10.pdf](http://www.arb.ca.gov/ei/areasrc/fullpdf/FULL7-10.pdf)
3. Table was generated by SLO County APCD using the URBEMIS land use model.