

Wayne Michaud, Executive Director, Green Driving America Inc.

6900 Navarro Court, Citrus Heights, CA 95621

greendrivingamerica.org • info@greendrivingamerica.org • 916-209-0224

***SCHOOLS ARE NOT DRIVE-THRUS!* IDLE-FREE SCHOOLS CAMPAIGNS**

**FORMAT FOR CALCULATING & REPORTING COLLECTED DATA**

NAME OF SCHOOL

**INITIAL DATA COLLECTION**

Data collection conducted for three days at school afternoon dismissal on \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ [FILL IN DATES]

Average temperature: \_\_\_\_ degrees

Total vehicles observed: \_\_\_\_; total vehicles idling: \_\_\_\_ (\_\_%); total minutes of idling: \_\_\_\_ = \_\_\_\_ hours

Amount of fuel consumed\*: \_\_\_\_ gal/three days / \_\_\_\_ gal/per day average

Amount of fuel consumed annually (est.) - based on 175-day school year: \_\_\_ gal

Amount of CO2 emissions annually (est.) - based on 175-day school year: \_\_\_\_ lbs\*\*

**FINAL DATA COLLECTION**

Data collection conducted for three days at school afternoon dismissal on \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ [FILL IN DATES]

Average temperature: \_\_\_\_ degrees

Total vehicles observed: \_\_\_\_; total vehicles idling: \_\_\_\_ (\_\_%); total minutes of idling: \_\_\_\_ = \_\_\_\_ hours

Amount of fuel consumed\*: \_\_\_\_ gal/three days / \_\_\_\_ gal/per day average

Amount of fuel consumed annually (est.) - based on 175-day school year: \_\_\_ gal

Amount of CO2 emissions annually (est.) - based on 175-day school year: \_\_\_\_ lbs\*\*

**DIFFERENCE**

Difference between Initial and Final data collection annual fuel consumption (+ or -): \_\_\_ gal

Difference between Initial and Final data collection annual CO2 emissions (+ or -): \_\_\_\_\_ lbs

\*Amount of fuel consumed based on average light-duty vehicle (car/SUV/van/pickup) fuel consumption of 0.43 gal/hr. Example: 7.5 total hours of idling = 3.22 gallons of fuel consumed.

\*\*20 lbs. of CO2 emitted per gallon of gasoline or diesel consumed

NOTE: a small percentage of vehicles will rarely idle (hybrids such as Toyota Prius, Chevy Volt) or not idle (electrics such as Nissan Leaf, Tesla, Chevy Bolt)