



GREATER MONTEREY COUNTY
INTEGRATED REGIONAL WATER MANAGEMENT PLAN

Key Project Information Required to run CalEEMod Tool

Please collect the following data from your project to enter into the CalEEMod. Due to the inclusion of default values, the model can calculate emissions from the project after input from just the first two screens (Project Characteristics and Land Use).

GENERAL INFORMATION

- Project name
- Project description
- County of project location
- Total construction time frame
- Urban or rural setting
- Utility company used
- Pollutants to be reported

LAND USE VARIABLES

- Land use type – Residential, Educational, Recreational, Retail, Commercial, Industrial, Parking, User Defined
- Land use subtype- dependent on land type selected.
- Size of lot (will be entered as unit amount)

CONSTRUCTION PHASE VARIABLES

Enter the construction phases that are part of the project: Demolition, Site Preparation, Grading, Building construction, Paving, Coating

For each phase you will need to have information about:

- Approximate start and end dates
- Days per week work will be occurring
- Types and numbers of equipment used
- Hours a day each piece of equipment will be used
- Site prep and grading: Materials imported and exported (tons or cubic yards)
- # of construction staff
- # of staff vehicles

If you have a demolition phase enter: square footage of demolition

OPERATIONAL VARIABLES

- Natural gas consumption- amount per time
- On site gasoline use
- Employee commute
- Employee number
- Types and number of vehicles
- Trip length and type
- Mitigation variables
- Electricity use for operation of system
- Indoor and outdoor water use for operation of system
- Solid waste generation rate

Note: Many of the operational fields in CalEEMod will be automatically populated based on the above entered data.

VEGETATION

- Vegetation Land use type: Cropland, forest land, grassland, wetland, other
- Initial acres
- Final acres
- Species class
- # of new trees per species class

MITIGATION VARIABLES

If any, collect mitigation variables for the following:

- Construction
- Traffic
- Area
- Energy
- Water
- Solid Waste