# Climate Change – Project Assessment Checklist

This climate change project assessment tool allows project applicants and the planning team to assess project consistency with Proposition 84 plan standards and RWMG plan assessment standards. The tool is a written checklist that asks GHG emissions and adaptation/resiliency questions.

Name of project: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Project applicant: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# GHG Emissions Assessment

## Project Construction Emissions

*(If you check any of the boxes, please see the attached worksheet)*

The project requires nonroad or off-road engines, equipment, or vehicles to complete.

The project requires materials to be transported to the project site.

The project requires workers to commute to the project site.

The project is expected to generate GHG emissions for other reasons.

The project does not have a construction phase and/or is not expected to generate GHG emissions during the construction phase.

## Operating Emissions

*(If you check any of the boxes, please see the attached worksheet)*

The project requires energy to operate.

The project will generate electricity.

The project will proactively manage forests to reduce wildfire risk.

The project will affect wetland acreage.

The project will include new trees.

Project operations are expected to generate or reduce GHG emissions for other reasons.

# Adaptation & Resiliency Assessment

## Water Supply

Describe how the project makes the watershed (more/less) resilient to one or more of the following high priority water supply vulnerability issues:

Not applicable

Reduced snowmelt

Unmet local water needs (drought)

Increased invasive species

## Water Demand

Describe how the project makes the watershed (more/less) resilient to one or more of the following high priority water demand vulnerability issues:

Not applicable

Increasing seasonal water use variability

Unmet in-stream flow requirements

Climate-sensitive crops

Groundwater drought resiliency

Water curtailment effectiveness

## Water Quality

Describe how the project makes the watershed (more/less) resilient to one or more of the following high priority water quality vulnerability issues:

Not applicable

Increasing catastrophic wildfires

Eutrophication (excessive nutrient pollution in a waterbody, often followed by algae blooms and other related water quality issues)

Seasonal low flows and limited abilities for waterbodies to assimilate pollution

Water treatment facility operations

Unmet beneficial uses (municipal and domestic water supply, water contact recreation, cold freshwater habitat, spawning habitat, wildlife habitat, etc.)

## Flooding

Describe how the project makes the watershed (more/less) resilient to one or more of the following high priority flooding vulnerability issues:

Not applicable

Aging critical flood protection

Wildfires

Critical infrastructure in a floodplain

Insufficient flood control facilities

## Ecosystem and Habitat

Describe how the project makes the watershed (more/less) resilient to one or more of the following high priority ecosystem and habitat vulnerability issues:

Not applicable

Climate-sensitive fauna or flora

Recreation and economic activity

Quantified environmental flow requirements

Erosion and sedimentation

Endangered or threatened species

Fragmented habitat

## Hydropower

Describe how the project makes the watershed (more/less) resilient to one or more of the following high priority hydropower vulnerability issues:

Not applicable

Reduced hydropower output