

Community-Identified Project Approval Notice

Alternative to the Open Burning of Agricultural Materials

Air District: San Joaquin Valley Air Pollution Control District

Community: South Central Fresno & Shafter

Community Emissions Reduction Program (CERP) Measures:

South Central Fresno CERP AG. 1: Incentive Program for Deploying On-Field Alternatives to the Open Burning of Agricultural Materials

Shafter CERP A.3: Incentive Program for Deploying On-Field Alternatives to the Open Burning of Agricultural Materials

Project Plan Identifier: 2020-05CIP-SJV

Project Type: Alternative action

Project Plan Completion Date: October 28, 2020

CARB Action (Date): Approved; January 8, 2021

Project Description: This measure will reduce Particulate Matter, Oxides of Nitrogen, and Reactive Organic Gases, emissions from agricultural open burning of orchard and vineyard removals by incentivizing chipping and soil reincorporation or land application as an alternative.

Project Benefits: The goal of this measure is to abate the agricultural open burning of up to 2,000 acres in the Shafter Community with an expected emission reduction of up to 525.8 tons per year, and up to 700 acres in South Central Fresno with an expected emission reduction of up to 184 tons per year.

The District will utilize an established Program emission reduction calculation methodology to calculate the emission reductions achieved from each completed project. The Program's emissions reduction calculations are based on the following references for tier ratings, emission factors, and process rates:

- District's 2007 Area Sources Emission Inventory Methodology, 670 – Agricultural Burning (revised June 1, 2009)
- The District's Final Staff Report and Recommendation on Agricultural Open Burning (2010 Ag Burning Staff Report)
- The Carl Moyer Program Guidelines
- EMFAC2017 for MHDT