

Community-Identified Project Approval Notice

Commercial Lawn and Garden

Air District: San Joaquin Valley Air Pollution Control District

Community: South Central Fresno & Shafter

Community Emissions Reduction Program (CERP) Measure:

LG.2: INCENTIVE PROGRAM FOR THE REPLACEMENT OF COMMERCIAL LAWN AND GARDEN EQUIPMENT

Project Plan Identifier: 2020-02CIP-SJV

Project Type: Equipment replacement

Project Plan Completion Date: October 28, 2020

CARB Action (Date): Approved; November 30, 2020

Project Description: This measure will reduce NO_x and PM_{2.5} emissions from commercial lawn equipment by providing incentives to lawn care providers for the replacement of their existing gas-or diesel-powered landscape maintenance equipment with new electric landscape maintenance equipment. In addition, the program provides incentive funds for additional batteries and chargers to ensure that the equipment is capable of operating for a full day of work.

Project Benefits: The goal of this measure is to reduce NO_x and PM_{2.5} emissions by replacing 30 pieces of commercial grade gas powered lawn and garden equipment in the Shafter community and 60 similar pieces of equipment in South Central Fresno community. Emissions benefits shall be quantified consistent with the methodology used for the Carl Moyer program lawn and garden category. With the recent release of the updated SORE2020 model and small off-road engine emission

factors, CARB staff will update the commercial lawn and garden quantification methodology to incorporate the most up-to-date factors and provide an accurate assessment of the emissions benefits in reporting.