



San Joaquin Valley Unified Air Pollution Control District

Emission Inventory Methodology 670 – Non-Agricultural Open Burning

I. Purpose

This document describes the Area Source Methodology used to estimate emissions of criteria pollutants (NO, SOX, VOC, CO, and PM10) from Non-Agricultural Open Burning in the San Joaquin Valley Air Basin.

II. Applicability

The emission calculations from this Area Source Methodology applies to backyard open barrel burning which is identified by the following CES and EIC code:

CES	REIC	Description
47290	670-670-0200-0000	Non-Agricultural Open Burning

III. Methodology Description

This area source category is used to measure emissions of criteria pollutants from all non-agricultural burning (backyard barrel burning) within the San Joaquin Valley Air Basin. There has been no backyard barrel burn data collected since 1994 upon the implementation of District Rule 4103 Open Burning^a on June 18, 1992. This rule states that "...no person shall set, permit, or use an open outdoor fire for the purpose of disposal or burning of petroleum wastes; demolition or construction debris; residential rubbish; garbage or vegetation; tires; tar; trees; woodwaste; or other combustible or flammable solid, liquid or gaseous waste; or the metal salvage or burning of motor vehicle bodies". The applicability of this rule as per in Section 2.0 of Rule 4103^a; "... applies to open burning conducted in the San Joaquin Valley Air Basin, with the exception of prescribed burning and hazard reduction burning as defined in Rule 4106 (Prescribed Burning and Hazard Reduction Burning)." Because this type of burning activity is not allowed within the District, the emissions for this source category shall be set to zero.

IV. Update Schedule

Since implementation of District Rule 4103^a, there is no current activity for non-agricultural open burning within the District. Therefore, the frequency of update for this methodology shall be never unless determined to be necessary by the District.

V. References

- a. San Joaquin Valley Unified Air Pollution Control District Rules and Regulations (2005).