



Brian R. Leahy
Director

Edmund G. Brown Jr.
Governor

April 6, 2016

TO: Interested Parties

SUBJECT: ANNUAL VOLATILE ORGANIC COMPOUND EMISSIONS INVENTORY
REPORT: EMISSIONS FOR 1990-2014

As required under Title 3, California Code of Regulations (3 CCR), section 6452.4, the Department of Pesticide Regulation (DPR) has completed the annual volatile organic compound (VOC) emissions inventory report that includes the following information based on 1990-2014 pesticide use data:

- Total agricultural and structural pesticide VOC emissions for the previous years.
- Evaluation of compliance with benchmarks specified in 3 CCR section 6452.2.
- Comparison of VOC emissions to the state implementation plan (SIP) goals for the five ozone nonattainment areas (NAAs) in California.
- Fumigant emission limits for the upcoming year if necessary, according to 3 CCR section 6452.2.
- An emission rating (or application method adjustment factor, the percentage of fumigant applied emitted to air) for each fumigation method.
- If applicable, prohibitions on high-VOC nonfumigant products pursuant to section 6452.2(f), and/or if prohibitions remain in effect pursuant to section 6884(c).
- A list of the nonfumigant products that are designated as low-VOC pursuant to section 6880.
- A list of the actively registered nonfumigant products that are designated as high-VOC pursuant to section 6880.

The SIP goals set forth below and the benchmarks specified in 3 CCR section 6452.2 for each NAA are the same:

- Sacramento Metro NAA – 20 percent reduction from 1990.
- San Joaquin Valley NAA – no greater than 18.1 tons/day, equivalent to a 12 percent reduction from 1990.
- Southeast Desert NAA – 20 percent reduction from 1990.
- South Coast NAA – 20 percent reduction from 1990.
- Ventura NAA – 20 percent from 1990.

The 2014 pesticide VOC emissions for all of the five NAAs complied with the SIP goals and VOC regulation benchmarks, ranging from 19 to 89 percent less than emissions in the 1990 base year, depending on the NAA. Relative to 2013, pesticide VOC emissions in 2014 decreased for four NAAs and increased for one NAA. The VOC emissions in the Sacramento Metro NAA



Interested Parties
April 6, 2016
Page 2

increased from 1.170 in 2013 to 1.384 tons per day, still 50 percent lower than emissions in the 1990 base year.

DPR is required to implement additional VOC restrictions if pesticide VOC emissions exceed 95 percent of the benchmarks specified in 3 CCR section 6452.2. In 2013 the Pesticide VOC emissions in the San Joaquin Valley NAA exceeded the benchmark and the SIP goal, thereby triggering additional restrictions in the San Joaquin Valley NAA on nonfumigant products designated as high-VOC pursuant to section 6880 for 2015. The restrictions will remain in place for 2016.

If you have any questions, or need further assistance, please feel free to contact Ms. Pamela Wofford, Environmental Program Manager, at 916-324-4297 or <Pamela.Wofford@cdpr.ca.gov>.

Sincerely,

Original Signed by

George Farnsworth
Associate Director
916-445-3984

cc: Pam Wofford, Environmental Program Manager

Interested Parties
April 6, 2016
Page 3

bcc: Wofford Surname File