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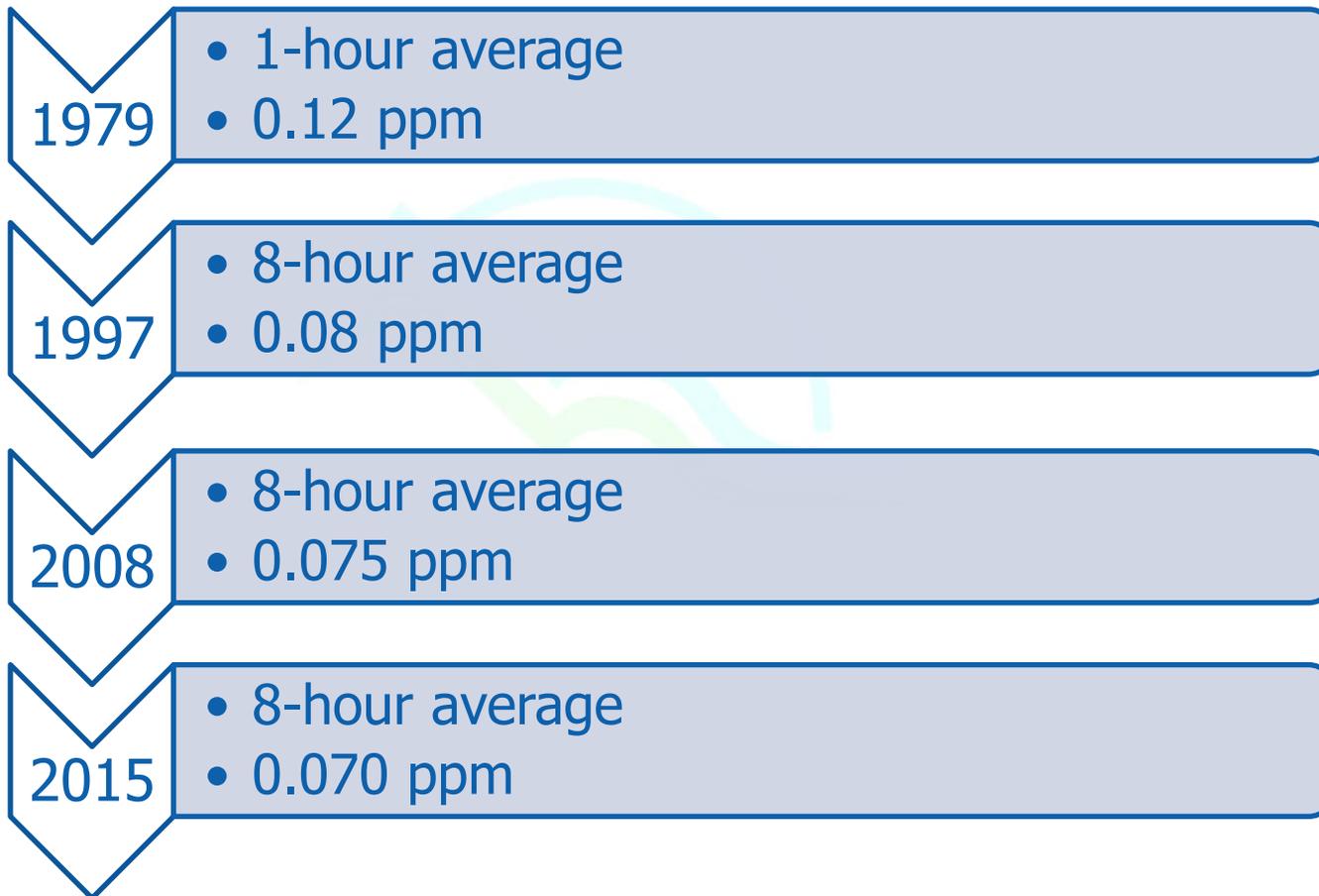
# **SACRAMENTO REGIONAL OZONE STATE IMPLEMENTATION PLAN UPDATE**

**PCAPCD Board Meeting  
February 13<sup>th</sup>, 2020**



# FEDERAL OZONE STANDARD

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# CLASSIFICATION FOR 2015 STANDARD

Marginal	<ul style="list-style-type: none"><li>• 0.071 ~ 0.081 ppm</li><li>• 3 years</li></ul>
Moderate	<ul style="list-style-type: none"><li>• 0.081 ~ 0.093 ppm</li><li>• 6 years</li></ul>
Serious	<ul style="list-style-type: none"><li>• 0.093 ~ 0.105 ppm</li><li>• 9 years</li></ul>
Severe-15	<ul style="list-style-type: none"><li>• 0.105 ~ 0.111 ppm</li><li>• 15 years</li></ul>
Severe-17	<ul style="list-style-type: none"><li>• 0.111 ~ 0.163 ppm</li><li>• 17 years</li></ul>
Extreme	<ul style="list-style-type: none"><li>• 0.163 ppm ~</li><li>• 21 years</li></ul>



# WHAT IS "SIP"?

## State Implementation Plan

- Air quality plan for NAAQS
- Developed by state or local air quality agencies
- Demonstrates plan for attainment of NAAQS



# SIP COMPONENTS





# OTHER PLANNING REQUIREMENTS

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## Reasonably Available Control Technology (RACT) Review

- Identify rule actions or new sources subject to requirements

## Reasonably Available Control Measure (RACM) Analysis

- Determine if any control measure will advance attainment date

## Reasonably Further Progress (RFP) Report

- Demonstrate emission reductions and progress to meet standard



# IF STANDARD NOT MET BY DEADLINE...

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A “Finding of Failure” could be issued by U.S. EPA to a nonattainment area...

Section 185 Fee Program

Emission Offset Sanction (18 months)

Federal Highway Fund Sanction (24 months)

Federal Implementation Plan (24 months)



# IF STANDARD MET BY DEADLINE...

A “Clean Data Finding” will be issued by U.S. EPA to a nonattainment area...

Attainment Determination and Area Redesignation Request

Air Quality Data Trends Analysis

Attainment Determination

10-year Maintenance Plan

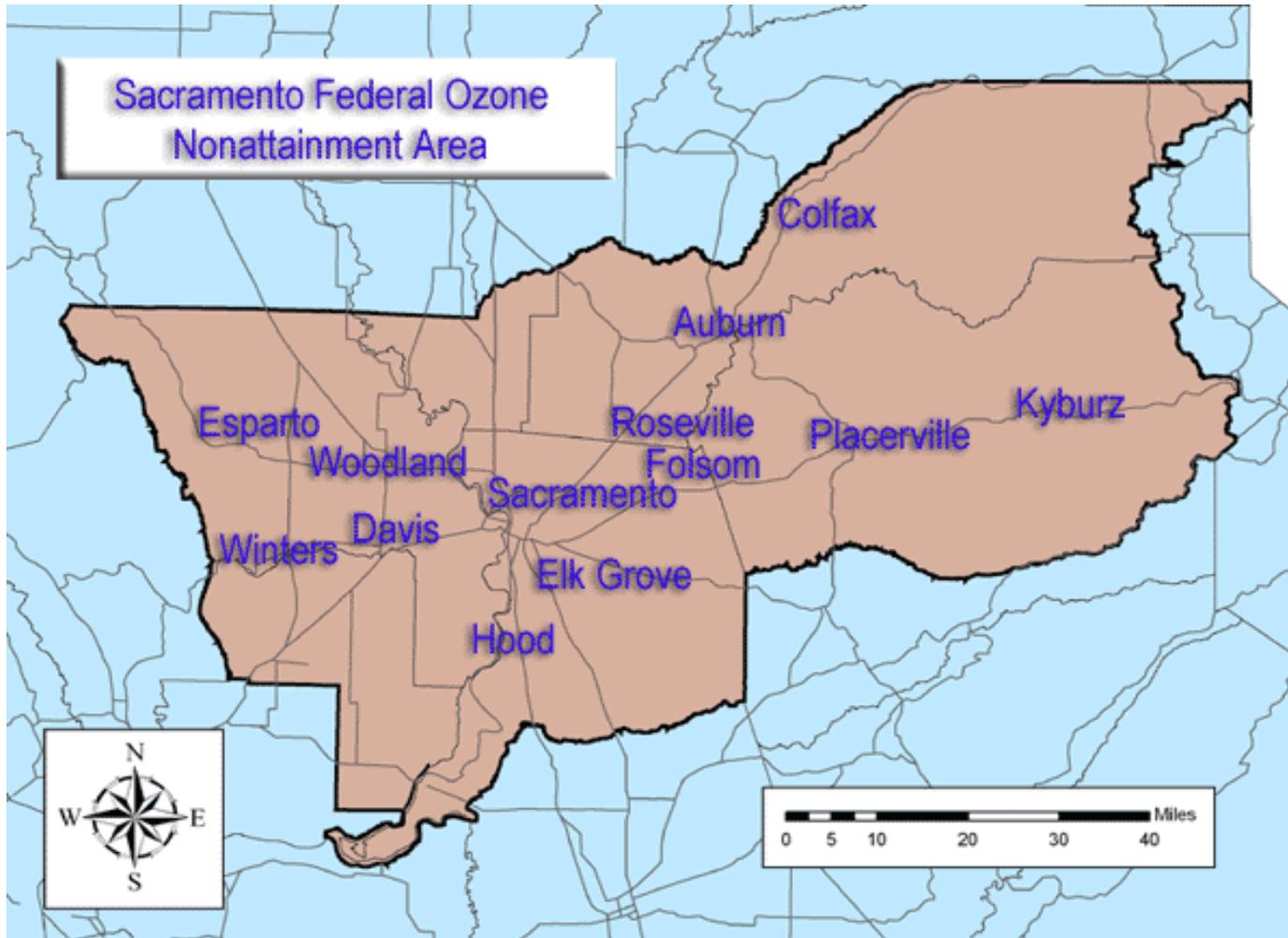


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# **SACRAMENTO FEDERAL NONATTAINMENT AREA (SFNA)**



# SFNA FOR OZONE STANDARDS





# CLASSIFICATIONS FOR SFNA

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	<b>1979 1-hour standard (0.12 ppm)</b>	<b>1997 8-hour standard (0.08 ppm)</b>	<b>2008 8-hour standard (0.075 ppm)</b>	<b>2015 8-hour standard (0.070 ppm)</b>
Classification	Severe-15	Severe-15	Severe-15	Moderate
Attainment Deadline	11/15/2005	6/15/2019	7/20/2025	8/4/2024
U.S. EPA Clean Data Finding	10/18/2012	TBD	Not Yet	Not Yet



# UPDATE FOR 2008 OZONE STANDARD

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## RACT SIP

- Board Approval on 4/10/2014

## SIP (including RACM analysis)

- Board Approval on 10/12/2017

## RFP Report

- Due in 2021

## Section 185 Fee Rule

- Due in 2022



# UPDATE FOR 2008 OZONE STANDARD

## Contingency Measures

If RFP milestones set by the SIP not met

If the standard not attained by deadline

## U.S. EPA Guidance

Submit a commitment with measure(s) in March 2020

Adopt/amend rules within a year



# UPDATE FOR 2015 OZONE STANDARD

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## RACT SIP

- Due on 8/4/2020

## SIP (including RACM analysis)

- Due on 8/4/2022

## RFP Report

- TBD



# UPDATE FOR 2015 OZONE STANDARD

	<b>2008 8-hour standard (0.075 ppm)</b>	<b>Original 2015 8-hour standard (0.070 ppm)</b>	<b>Proposed 2015 8-hour standard (0.070 ppm)</b>
Classification	Severe-15	Moderate	Serious
Attainment Deadline	7/20/2025	8/4/2024	8/4/2027

## Voluntarily Re-classification

Re-classify SFNA from "Moderate" to "Serious"

Does not add new requirements for the SFNA





# SUMMARY OF PLANNING DOCUMENTS THIS YEAR

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## 2008 ozone standard

Contingency measure commitment letter

Fulfill the commitment of regulation amendment

## 2015 ozone standard

Voluntarily Reclassification Request

RACT SIP



**QUESTIONS?**

