



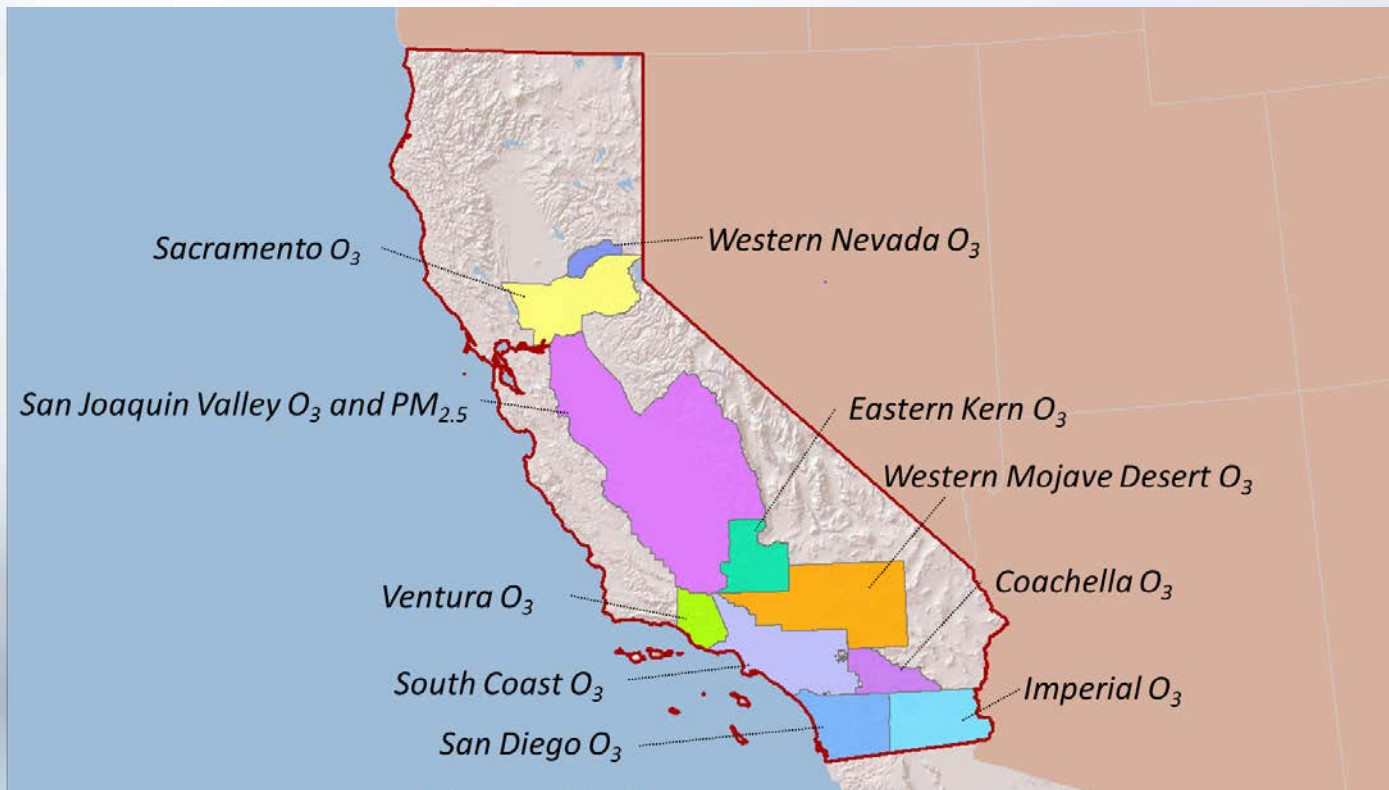
# **2018 Updates to the California State Implementation Plan**

October 25, 2018

# Key Court Decisions Driving 2018 Updates

- *South Coast AQMD v. U.S. EPA*
- *Bahr v. U.S. EPA*

# SIP Updates Today



# Court Decision

## *South Coast AQMD v. U.S. EPA*

Previous approach	Court Ruling
<ul style="list-style-type: none"><li>• EPA set a 2011 RFP baseline year, allowed alternate years 2008 – 2012</li><li>• CARB used alternate baseline years for all ozone SIPs</li></ul>	<ul style="list-style-type: none"><li>• EPA did not justify the use of alternate baseline years</li><li>• 2011 is only acceptable RFP baseline year</li></ul>

# Court Decision

## *Bahr v. U.S. EPA*

Previous approach	Court Ruling
<ul style="list-style-type: none"><li>Contingency met using reductions from ongoing implementation of adopted regulations</li><li>CARB used reductions from continued implementation of Mobile Source Program</li></ul>	<ul style="list-style-type: none"><li>Contingency measure reductions must occur in the future</li><li>Contingency measures must include a triggered element</li></ul>

# Implications of Legal Decisions

Submitted plans need updates to:

- RFP with 2011 baseline year
- Emission inventory years
- Transportation conformity budgets
- Contingency measures
  - CARB and local agencies must have a triggered measure
  - Ongoing emissions reductions can supplement reductions from the triggered measure

# Addressing EMFAC Changes at the Same Time

- Improved emission and deterioration factors
- Updated motor vehicle population
- Revised compliance rates for on-road heavy-duty vehicle regulations
- Including emissions forecast changes in certain RFP demonstrations and transportation conformity budgets

# Baseline Year-Dependent Elements

	Previously Submitted	2018 SIP Update
RFP Baseline Year	2012 baseline	2011 baseline
RFP Milestone Years	2018 first milestone	2017 first milestone
Transportation Conformity Budgets	2018 first budget	2020* first budget

\* New budgets are not created for past years



# Statewide Contingency Measure

Within 60 days of EPA finding of failure to meet an RFP milestone or failure to attain, the Executive Officer will direct staff to:

- Publish an Enhanced Enforcement Report which includes description of an Enhanced Enforcement Program to reduce emissions and health impacts in the specified area
- Begin implementation of the Enhanced Enforcement Program to continue for specified timelines
- Publish a final report on results upon conclusion of the Enhanced Enforcement Program

# Updated SIP Elements

Nonattainment Area	Emission Inventory	RFP Demonstration	Transportation Conformity Budgets	Contingency Measures
Imperial County	✓	✓	--	--
Ventura County	✓	✓	--	✓
Eastern Kern County	✓	✓	--	✓
Western Nevada County	--	--	--	✓
San Diego County	--	--	--	✓
Sacramento Area	✓	✓	✓ *	✓
Western Mojave Desert	✓	✓	✓ *	✓
Coachella Valley	✓	✓	✓	✓
San Joaquin Valley	✓	✓	✓ *	✓
South Coast Air Basin	✓	✓	✓	✓

\* Includes safety margin

# Staff Recommendation

- Adopt the nonattainment area SIP elements as revisions to the California SIP
- Adopt the Statewide Contingency Measure as a revision to the California SIP
- Direct the Executive Officer to submit the 2018 SIP Update to EPA as revisions to the California SIP