



# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • www.aqmd.gov

## **HYBRID LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE ADVISORY GROUP MEETING**

### **Advisory Group Members**

Councilmember Carlos Rodriguez, LGSBA Chair (Board Member)  
Mayor Patricia Lock Dawson (Board Member)  
Supervisor Curt Hagman (Board Member)  
Mayor José Luis Solache (Board Member)  
Felipe Aguirre  
Rachelle Arizmendi  
Paul Avila, P.B.A. & Associates  
Geoffrey Blake, Metal Finishers of Southern California  
Vice Mayor Ted Bui  
Todd Campbell, Clean Energy  
LaVaughn Daniel, DancoEN  
John DeWitt, JE DeWitt, Inc.  
Bill LaMarr, California Small Business Alliance  
Rita Loof, RadTech International  
Eddie Marquez, Roofing Contractors Association  
David Rothbart, Los Angeles County Sanitation Districts  
Mayor Pro Tem Blair Stewart

**FRIDAY, JUNE 14, 2024 ♦ 11:30 a.m.**

### **TELECONFERENCE LOCATION(S)**

**273 North Spruce Drive  
Anaheim, CA 92805**

**Riverside City Hall  
7th Floor Conference Room  
3900 Main St.  
Riverside, 92522**

**1215 K Street, Suite 1100  
Sacramento, CA 95814**

**2917 Via San Jacinto  
San Clemente, CA 92672**

**A meeting of the South Coast Air Quality Management District Local Government and Small Business Assistance Advisory Group will be held at 11:30 a.m. on Friday, June 14, 2024, through a hybrid format of in-person attendance in Conference Room CC2 at the South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, and remote attendance via videoconferencing and by telephone. Please follow the instructions below to join the meeting remotely.**

**Please refer to South Coast AQMD’s website for information regarding the format of the meeting, updates if the meeting is changed to a full remote via webcast format, and details on how to participate:**

<http://www.aqmd.gov/home/news-events/meeting-agendas-minutes>

**ELECTRONIC PARTICIPATION**

(Instructions provided at bottom of the agenda)

**Join Zoom Meeting – from PC or Laptop, or Phone**

<https://scaqmd.zoom.us/j/92459924491>

**Zoom Webinar ID:** 924 5992 4491 (applies to all)

**Teleconference Dial In:** +1 669 900 6833

**One tap mobile:** +16699006833, 92459924491#

**Audience will be allowed to provide public comment in person or through Zoom connection or telephone.**

**PUBLIC COMMENT WILL STILL BE TAKEN**

Phone controls for participants: The following commands can be used on your phone’s dial pad while in

Zoom Webinar meeting:

- \*6 - Toggle mute/unmute
- \*9 - Raise hand

## **AGENDA**

*Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't Code Section 54954.3(a)). If you wish to speak, raise your hand on Zoom or press Star 9 if participating by telephone. All agendas for regular meetings are posted at South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the regular meeting. Speakers may be limited to three (3) minutes total for all items on the agenda.*

### **CALL TO ORDER**

### **ROLL CALL**

1. Call to Order/Opening Remarks *Supervisor Curt Hagman*  
*(No Motion Required)*

### **ACTION ITEM:**

2. Approval of February 9, 2024 Meeting Minutes *Supervisor Curt Hagman*  
*(Motion Required)*  
*[Attachment 1]*
3. Draft Letter from LGSBA Advisory Group on CARB's AB 617 Community Air Protection Blueprint *LGSBA Advisory Group Members*  
*Members will vote to approve a letter addressed to the South Coast AQMD Governing Board seeking Board support of a letter to CARB requesting industry trade groups and associations be seated on AB 617 community steering committees.*  
*(Motion Required)*  
*[Attachment 2]*

### **DISCUSSION ITEMS (Items 4 through 6):**

4. Review of Follow-Up and Action Items *Derrick J. Alatorre*  
*Staff will review follow-up/action items identified in the previous meeting.* *Deputy Executive Officer*  
*(No Motion Required)* *Legislative, Public Affairs & Media*
5. Climate Change and Air Quality *Sarah Rees*  
*General introduction to climate change and how our work to address air quality issues can complement and achieve co-benefits to help achieve climate change goals.* *Deputy Executive Officer*  
*(No Motion Required)* *Planning, Rule Development &*  
*[Attachment 3]* *Implementation*

6. Update on South Coast AQMD Mobile Source Incentive Programs  
*Staff will present an overview and highlights on South Coast AQMD mobile source incentive programs.*  
**(No Motion Required)**  
**[Attachment 4]**

*Walter Shen*  
*Planning & Rules Manager*  
*Technology Advancement Office*

### **OTHER MATTERS:**

7. Other Business  
*Any member of this body, or its staff, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, may make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter, or may take action to direct staff to place a matter of business on a future agenda. (Gov't Code Section 54954.2)*  
**[Attachment 5]**  
**[Attachment 6]**
8. Public Comment Period  
*At the end of the regular meeting agenda, an opportunity is provided for the public to speak on any subject within the Local Government and Small Business Assistance Advisory Group's authority that is not on the agenda. Speakers may be limited to three (3) minutes each.*
9. **Next Meeting Date** – Friday, August 9, 2024, at 11:30 a.m.

### **ADJOURNMENT**

#### **Document Availability**

*All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a regular meeting, and (iii) having been distributed to at least a majority of the Advisory Group after the agenda is posted, are available by contacting Van Doan at (909) 396-3117 or send the request to [kdoan@aqmd.gov](mailto:kdoan@aqmd.gov).*

#### **Americans with Disabilities Act and Language Accessibility**

*Disability and language-related accommodations can be requested to allow participation in the Local Government and Small Business Assistance Advisory Group meeting. The agenda will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). In addition, other documents may be requested in alternative formats and languages. Any disability or language-related accommodation must be requested as soon as practicable. Requests will be accommodated unless providing the accommodation would result in a fundamental alteration or undue burden to the South Coast AQMD. Please contact Van Doan at (909) 396-3117 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to [kdoan@aqmd.gov](mailto:kdoan@aqmd.gov).*

## INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

### **Instructions for Participating in a Virtual Meeting as an Attendee**

As an attendee, you will have the opportunity to virtually raise your hand and provide public comment.

Before joining the call, please silence your other communication devices such as your cell or desk phone. This will prevent any feedback or interruptions during the meeting.

**Please note:** During the meeting, all participants will be placed on Mute by the host. You will not be able to mute or unmute your lines manually.

After each agenda item, the Chair will announce public comment.

A countdown timer will be displayed on the screen for each public comment. If interpretation is needed, more time will be allotted.

**Once you raise your hand to provide public comment, your name will be added to the speaker list. Your name will be called when it is your turn to comment. The host will then unmute your line.**

### **Directions for Video ZOOM on a DESKTOP/LAPTOP:**

- If you would like to make a public comment, please click on the “**Participants**” button on the bottom of the screen.
- A list of participants will appear on the right side of the screen. At the bottom of the list, please click on the grey “**Raise Hand**” button.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

### **Directions for Video Zoom on a SMARTPHONE:**

- If you would like to make a public comment, please click on the “**Participants**” button on the bottom of your screen.
- A new screen will pop up with the list of participants. Look for the “**Raise Hand**” button on the screen and click the button.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

### **Directions for TELEPHONE line only:**

- If you would like to make public comment, please **dial \*9** on your keypad to signal that you would like to comment.



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## LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE (LGSBA) ADVISORY GROUP THURSDAY, FEBRUARY 9, 2024 MEETING MINUTES

### MEMBERS PRESENT:

South Coast AQMD Board Members:  
Councilmember Carlos Rodriguez, LGSBA Chair  
Supervisor Curt Hagman  
Mayor Patricia Lock Dawson  
Mayor José Luis Solache

### Public Members:

Felipe Aguirre  
Rachelle Arizmendi  
Paul Avila, P.B.A. & Associates  
Geoffrey Blake, Metal Finishers of Southern California  
Vice Mayor Ted Bui, City of Fountain Valley  
Todd Campbell, Clean Energy  
John DeWitt, JE DeWitt, Inc.  
Bill LaMarr, California Small Business Alliance  
Rita Loof, RadTech International  
David Rothbart, Los Angeles County Sanitation Districts  
Mayor Pro Tem Blair Stewart, City of Brea

### MEMBERS ABSENT:

Public Members:  
LaVaughn Daniel, DancoEN  
Eddie Marquez, Roofing Contractors Association

### OTHERS PRESENT:

Mark Abramowitz  
Sarai Arellano  
Jessi Davis  
Stephanie Macias  
Mark Taylor, Board Member Consultant (*Rodriguez*)

### SOUTH COAST AQMD STAFF:

Susan Nakamura, Chief Operating Officer  
Derrick Alatorre, Deputy Executive Officer  
Aaron Katzenstein, Deputy Executive Officer  
Sarah Rees, Deputy Executive Officer

Lisa Tanaka, Assistant Deputy Executive Officer  
Mei Wang, Assistant Deputy Executive Officer  
Daphne Hsu, Principal Deputy District Counsel  
Philip Crabbe III, Senior Public Affairs Manager  
Sang-Mi Lee, Planning and Rules Manager  
Elaine Shen, Planning and Rules Manager  
Elaine-Joy Hills, Senior Staff Specialist  
Van Doan, Air Quality Specialist  
Debra Ashby, Senior Public Affairs Specialist  
Cristina Lopez, Senior Public Affairs Specialist  
Cindy Bustillos, Executive Secretary  
Aisha Reyes, Senior Administrative Secretary  
Brisa Lopez, Secretary  
Lara Brown, Senior Administrative Assistant  
Ghislain Muberwa, IM Contractor

**Agenda Item #1 – Roll Call/Call to Order/Opening Remarks**

LGSBA Chair Carlos Rodriguez called the meeting to order at 11:30 a.m., roll call was taken, and a quorum was present.

For additional details of the LGSBA Advisory Group Meeting, please refer to the [Webcast](#).

**Agenda Item #2 – Approval of August 11, 2023 Meeting Minutes**

LGSBA Chair Rodriguez called for approval of the August 11, 2023, meeting minutes.

There were no public comments.

Motion to approve minutes made by Mayor Solache; seconded by Geoffrey Blake; approved.  
Ayes: Avila, Blake, DeWitt, Hagman, LaMarr, Lock Dawson, Loof, Rothbart, Rodriguez, Solache  
Noes: None  
Abstained: Aguirre, Bui, Campbell, Stewart  
Absent: Arizmendi, Daniel, Marquez

For additional details, please refer to the [Webcast](#), beginning at 5:05.

**Agenda Item #3 – Approval of November 9, 2023 Meeting Minutes**

LGSBA Chair Rodriguez called for approval of the November 9, 2023, meeting minutes.

There were no public comments.

Motion to approve minutes made by Mayor Solache; seconded by Geoffrey Blake; approved.  
Ayes: Avila, Blake, DeWitt, Hagman, Lock Dawson, Loof, Rothbart, Rodriguez, Solache  
Noes: None  
Abstained: Aguirre, Bui, Campbell, LaMarr, Stewart  
Absent: Arizmendi, Daniel, Marquez

For additional details, please refer to the [Webcast](#), beginning at 5:05.

**Agenda Item #4 – Approval of LGSBA 2023 Accomplishments and 2024 Goals & Objectives**

Chair Rodriguez called for approval of LGSBA advisory group 2023 accomplishments and 2024 goals and objectives.

Rita Loof referenced #13 – Update on AB 617 and mentioned the letter to CARB on the Community Air Protection Blueprint. Ms. Loof also proposed to amend the LGSBA Charter to clarify language regarding quorum and voting. Daphne Hsu, Principal Deputy District Counsel, Legal, clarified that Governing Board members serving on the LGSBA Advisory were asked to abstain from voting on that topic to avoid a serial communication. LGSBA Chair Rodriguez explained that charter revision is unnecessary at this time as a quorum can be met with the addition of new members to the Advisory Group and asked to bring the letter back for voting at the next meeting. For additional details, please refer to the [Webcast](#), beginning at 13:10.

Bill LaMarr shared his experiences interacting with CARB representatives and suggested to invite them to present at a future LGSBA meeting. Mr. LaMarr proposed to add proposed Rule 317.1 – Clean Air



Act Nonattainment Fees for the 8-Hour Ozone Standards. For additional details, please refer to the [Webcast](#), beginning at 21:18.

David Rothbart proposed to revise the meeting format, consolidate #10 – Update on implementation of OEHHA’s cancer risk estimating methods and #15 – Update on OEHHA’s and CARB’s presentations on provisional health values, include #8 – Update on greenhouse gas-related activities, and revise #17 – Overview of Rule 317 fee equivalency account reconciliation report to “Overview of Rule 317.1 - Clean Air Act Nonattainment Fees for the 8-Hour Ozone Standards and potential fee equivalency.” For additional details, please refer to the [Webcast](#), beginning at 28:22.

Paul Avila proposed to remove #18. For additional details, please refer to the [Webcast](#), beginning at 36:08.

Mayor Patricia Lock Dawson expressed support for the proposed topics and suggested to allow time at each meeting for members to propose new topics as they arise. LGSBA Chair Rodriguez confirmed that discussion could occur during “Other Business.” For additional details, please refer to the [Webcast](#), beginning at 37:30.

Supervisor Curt Hagman commented that related agenda topics should be selected well in advance of rule adoption or amendments to allow ample time for input. . For additional details, please refer to the [Webcast](#), beginning at 40:52.

John DeWitt proposed to add a discussion on the impacts and costs of rules and regulations. For additional details, please refer to the [Webcast](#), beginning at 43:30

Mr. LaMarr proposed to add an overview of EPA Toxic Substances Control Act and to revise the LGSBA charter. For additional details, please refer to the [Webcast](#), beginning at 45:25.

Ms. Loof expressed support for Mr. LaMarr’s proposal to revise the charter and #20. For additional details, please refer to the [Webcast](#), beginning at 51:50.

There were no public comments.

Motion to approve accomplishments and goals and objectives, including suggested edits, made by Rita Loof; seconded by David Rothbart: approved.

Ayes: Aguirre, Arizmendi, Avila, Blake, Bui, Campbell, DeWitt, Hagman, LaMarr, Loof, Rothbart, Rodriguez, Solache, Stewart

Noes: None

Abstained: None

Absent: Daniel, Marquez, Lock Dawson

For additional details, please refer to the [Webcast](#), beginning at 8:40.

#### **Agenda Item #5 – Review of Follow-Up and Action Items**

There were no follow-up or action items.

#### **Agenda Item #6 – Upcoming State Implementation Plan (SIP) Actions**

Sang-Mi Lee, Planning and Rules Manager, Planning, Rule Development, and Implementation, provided an update on upcoming SIP actions for the South Coast Air Basin and Coachella Valley. Chair Rodriguez referenced slide #19 and asked where proposed Rule 317.1 – Clean Air Act Nonattainment Fees for the 8-Hour Ozone Standards would fall on the timeline. Dr. Lee replied Summer 2024. For additional details, please refer to the [Webcast](#), beginning at 1:13:00.

Paul Avila asked if emissions data during events such as heavy rain and wildfires are used to determine deadlines. Dr. Lee replied that impacts from exceptional events such as wildfires and drought could be excluded. For additional details, please refer to the [Webcast](#), beginning at 1:15:00.

Todd Campbell asked about findings of failure. Ian MacMillan, Assistant Deputy Executive Officer, Planning, Rule Development, and Implementation, replied that the potential sanctions would include two-to-one offsets, 18 months after EPA final action, loss of federal highway funding, within 24 months, and development and implementation of a federal implementation plan. For additional details, please refer to the [Webcast](#), beginning at 1:17:55.

Mr. Rothbart commented on the deficiency of the Clean Air Act. Susan Nakamura, Chief Operating Officer, mentioned that EPA is taking public comment period through March 4<sup>th</sup>. For additional details, please refer to the [Webcast](#), beginning at 1:19:30.

Vice Mayor Ted Bui asked if there have been studies on how Rule 317.1 would impact small business owners and commented that rules should be applicable to all industries. LGSBA Chair Rodriguez asked if there are immediate actions that could be taken at this time. Mr. MacMillan replied that there is a public comment period for the Contingency Measure Plan for 1997 Ozone Standard. Chair Rodriguez asked about Rule 317.1 and how many businesses would be impacted. Mr. MacMillan replied that it is on the rule calendar for June and the fee would be effective in 2026 or 2027 and applicable only to 300-400 major sources. For additional details, please refer to the [Webcast](#), beginning at 1:21:33.

Ms. Loof commented on the fee impact to businesses and asked about two SIP elements that could be problematic. Dr. Lee explained that they were notifications for failure to submit for two SIP elements. For additional details, please refer to the [Webcast](#), beginning at 1:29:13.

Mr. LaMarr shared his experiences traveling to Washington D.C. and asked if staff would consider reaching out to former Congressman Henry Waxman to request a letter or ask to speak to his constituents on the inequity of the sanctions and fees on stationary sources. For additional details, please refer to the [Webcast](#), beginning at 1:31:41.

For additional details on the presentation and discussions, please refer to the [Webcast](#), beginning at 57:48.

There were no public comments.

#### **Agenda Item #7 – Update on Indirect Source Rule**

Due to time constraints, this presentation was deferred to the next meeting.

#### **Agenda Item #8 – Other Business**

Geoffrey Blake suggested to create a committee, led by Bill LaMarr, to discuss and prepare charter revisions to be presented at the next meeting. LGSBA Chair Rodriguez stated that due to limited time, charter revisions may not be added to the 2024 Goals and Objectives.

There were no public comments.

For additional details, please refer to the [Webcast](#), beginning at 1:40:48.

**Agenda Item #9 – Public Comment**

There were no public comments.

**Agenda Item #10 – Next Meeting Date**

The next regular LGSBA Advisory Group meeting is scheduled for Friday, June 14, 2024, at 11:30 a.m.

**Adjournment**

The meeting was adjourned at 1:16 p.m.

June 14, 2024

Governing Board  
South Coast Air Quality Management District  
21865 Copley Drive  
Diamond Bar, CA 91765

Dear Governing Board Members,

We are writing on behalf of the Local Government and Small Business Assistance Advisory Group to ask for your support, approval, and subsequent letter to the California Air Resources Board (CARB) requesting that industry trade groups and associations be seated on AB 617 Community Steering Committees (CSCs).

When the CARB Board initially voted to approve the Community Air Protection Blueprint, they did so without explicitly prohibiting industry trade groups and associations from participating on these committees but rather left it up to the air districts to decide.

Typically, trade groups and associations are non-profit, non-partisan, 501(c) organizations that represent hundreds or thousands of businesses (mostly small businesses) spread throughout the jurisdiction of most air districts, and not just in disproportionately impacted communities. Moreover, any recommendations, decisions, plans, and rules emanating from the deliberations by these CSCs are certain to be of significance to all the members of these trade groups and associations because they will have the potential to impact all of them regardless of the neighborhoods in which they reside.

We believe the inclusion of these organizations would serve to enhance everyone's goal of successfully implementing a fair and equitable Clean Air Protection Program for all stakeholders.

Therefore, we are asking for your support of the concept to allow industry trade groups and associations to be enrolled and seated as members of these CSCs and request that you send a letter to ask the same of the CARB Board.

Thank you for your continued commitment to improving air quality in our region.

Sincerely,

Local Government and Small Business Assistance Advisory Group  
South Coast Air Quality Management District



# Climate Change and Air Quality

Sarah Rees, Ph.D.  
South Coast AQMD  
Deputy Executive Officer

1

## Summary

- There is a critical need to act on climate change
- As a local air quality agency, our focus is on addressing criteria pollutants
- Current AQMP strategies to address Ozone and PM will also reduce GHG emissions

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## Outline

- Background on climate change and greenhouse gases (GHGs)
- GHG emission trends and sources
- Current status and impacts
- International, national and state policies and regulations
- Role of local air districts & limitations on authority

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## What is Climate Change?

- Long-term shifts in global temperature and weather patterns
  - Measured over hundreds of years
  - Different from shorter term weather patterns
  - Signs of climate change
    - Higher temperatures, but also
      - Change in rainfall patterns
      - Sea level rise
      - Warming ocean temperatures
      - More frequent and intense extreme weather events
- Can be naturally-occurring or man-made
  - For the past ~200 years changes in climate caused mostly by human activities

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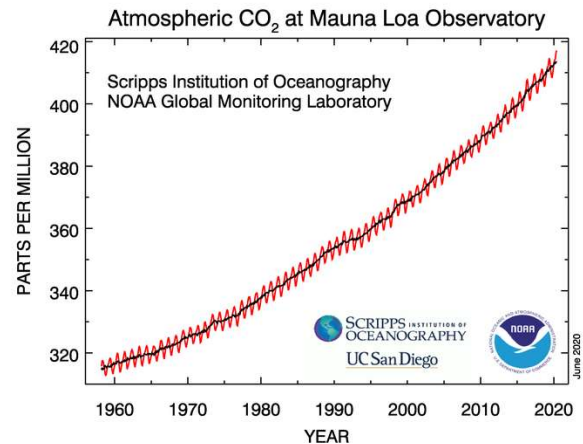
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## What Caused the Current Climate Change Patterns?

- Elevated levels of Greenhouse Gases (GHGs) trap heat from the sun in our atmosphere (Greenhouse Effect)
  - Aerosols can also cause climate change by cooling the atmosphere
- Since the industrial revolution the burning of fossil fuels has resulted in very high levels of GHGs

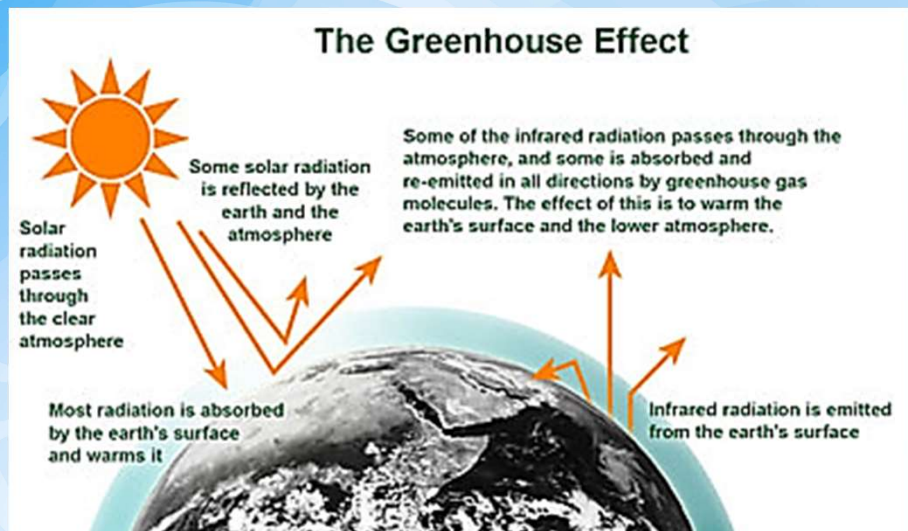
Current CO<sub>2</sub> levels are >400 ppm, levels that the atmosphere hasn't experienced in several million years



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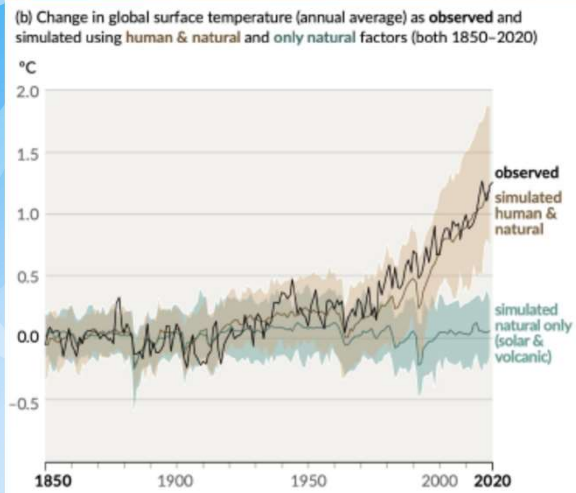
## The Greenhouse Effect Causes Warming Trends



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## How Do We Know Climate Change is Caused by Humans?

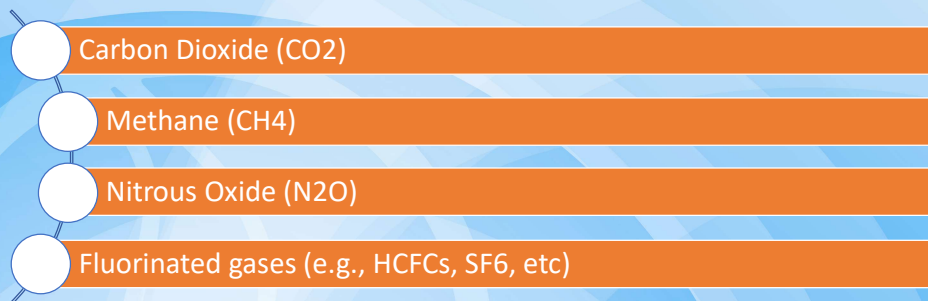


Observed temperatures deviated consistently above what would be expected from natural factors since ~1950

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## Types of GHGs



### Other Important GHGs



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# Global Warming Potential (GWP)

- Different GHGs have different potential to warm the atmosphere
  - CO2 is the reference: GWP=1
  - Other gases, particularly fluorinated gases, are more potent
- GHGs are therefore usually expressed as CO2 equivalents (CO2e)
- Of total GHG emissions ~80% due to CO2

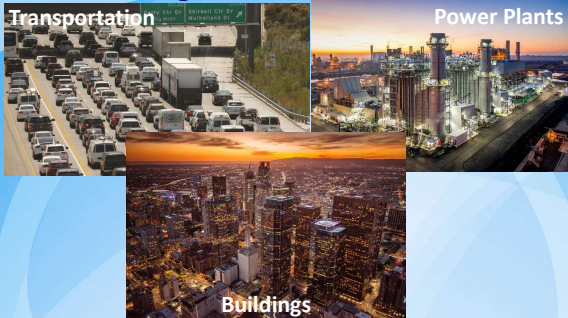
GHG	GWP
CO2	1
CH4	28-36
N2O	273
SF6	23,500

These are global warming potentials over 100 year time span

9

# Sources of GHGs

## CO2: Burning of fossil fuels



## CH4: Biological processes/oil and gas



## N2O: Biological processes/combustion

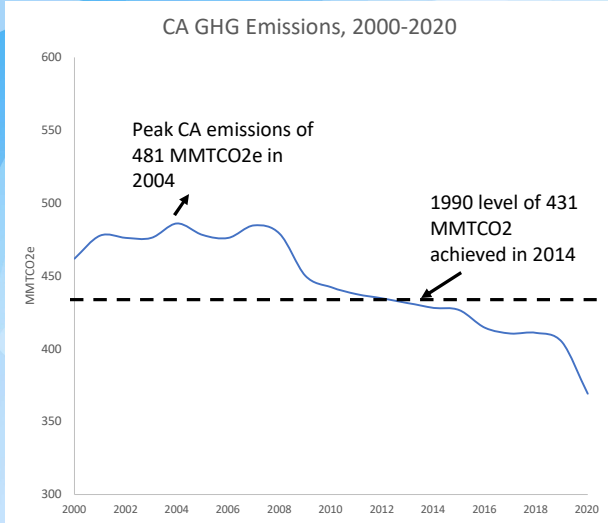


## SF6: Industrial Gas



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# CA GHG Trends and Targets



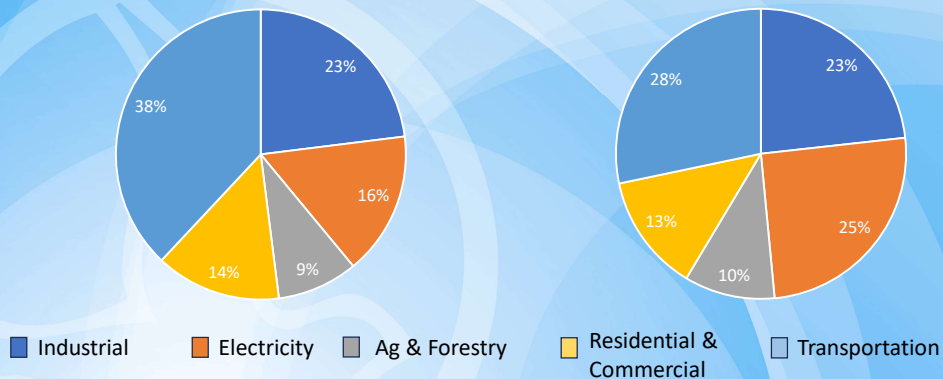
- 2022 Scoping Plan Targets
  - Reduce GHG emissions:
    - 48% from 1990 levels by 2030
    - 85% from 1990 levels by 2045
  - Achieve carbon neutrality by 2045

11

# GHG Emission Sources in CA v US

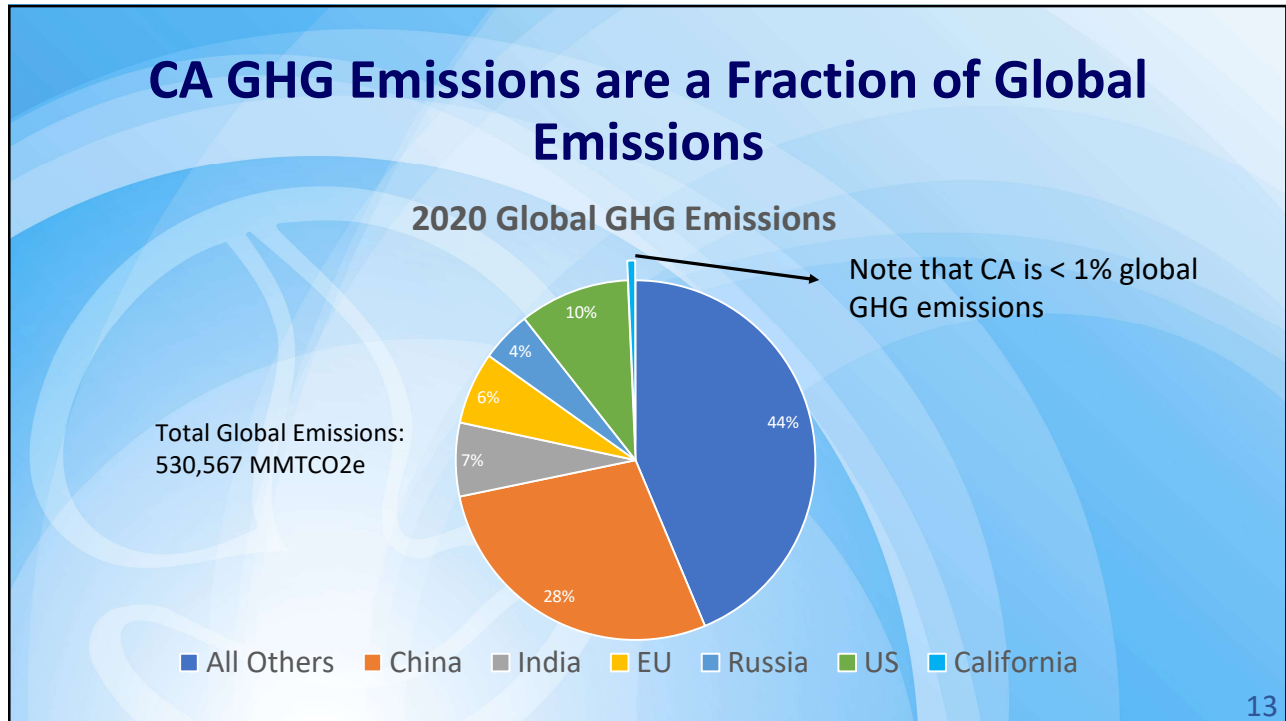
CA 2020 GHG Emissions, 369 MMTCO<sub>2</sub>e

US 2020 GHG Emissions, 6,340 MMTCO<sub>2</sub>e

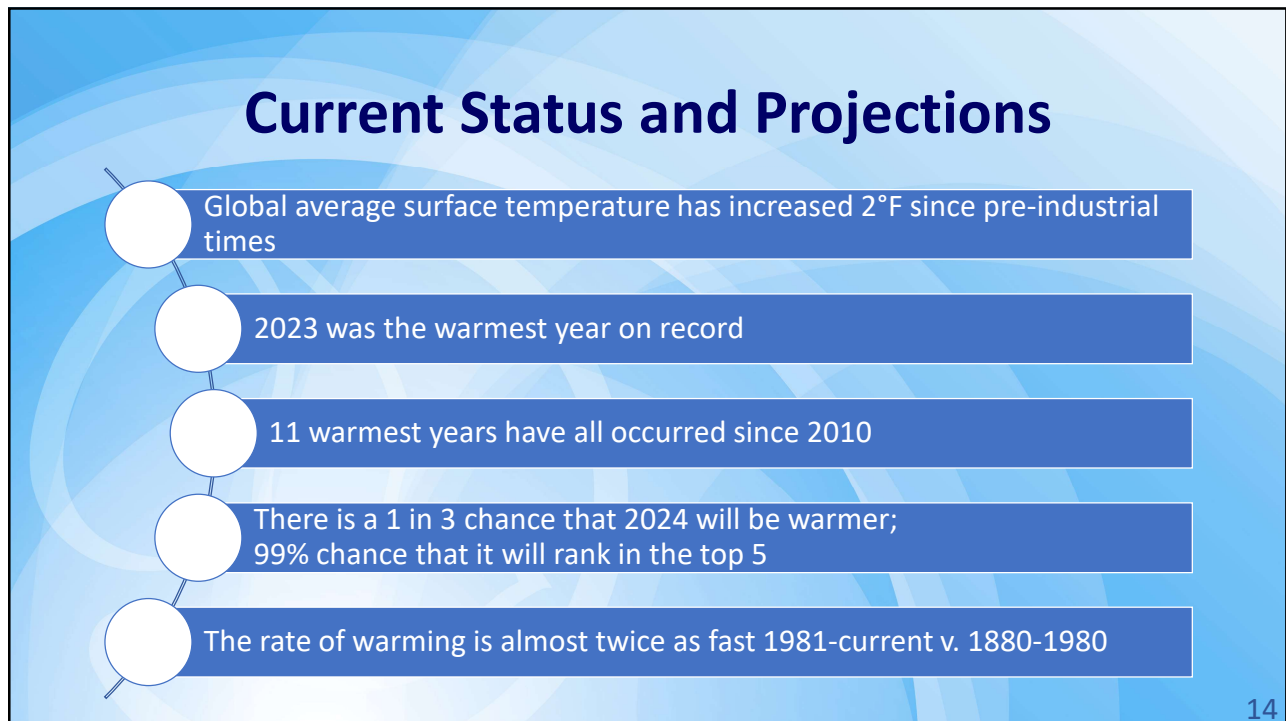


Transportation is the largest source of GHGs for CA; transportation, electricity and industrial sources are approximately evenly split in the US

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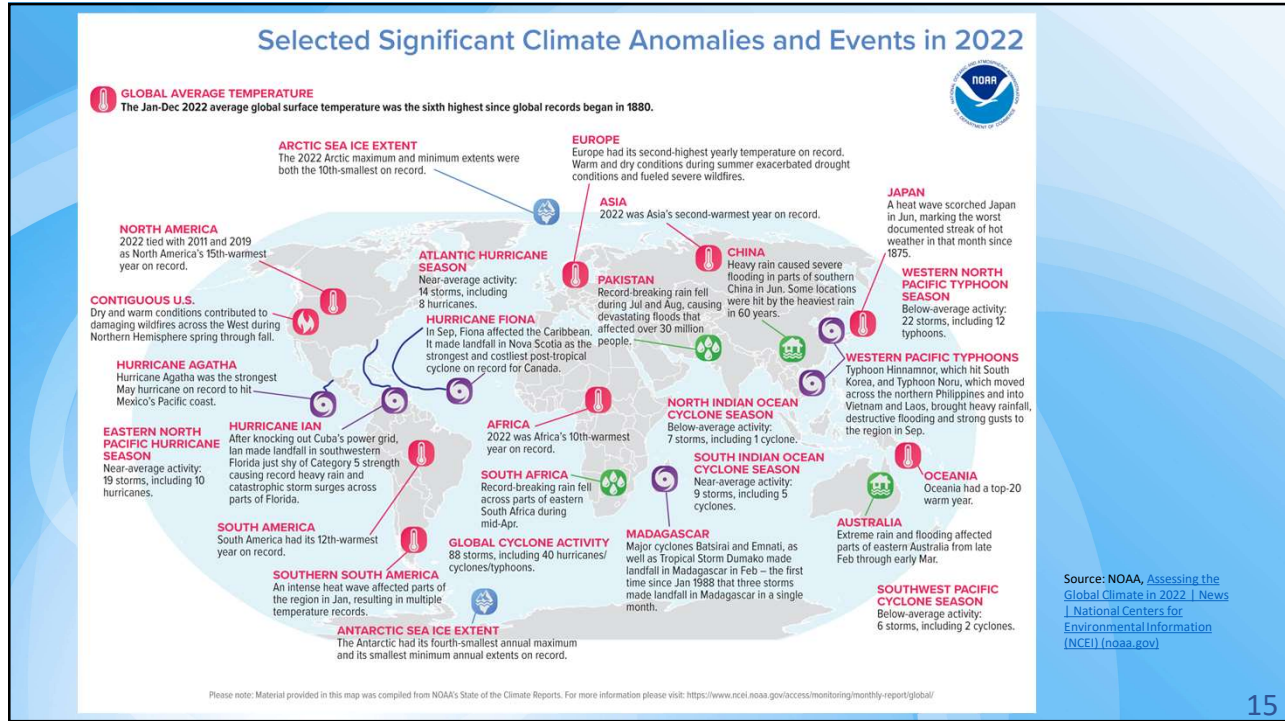


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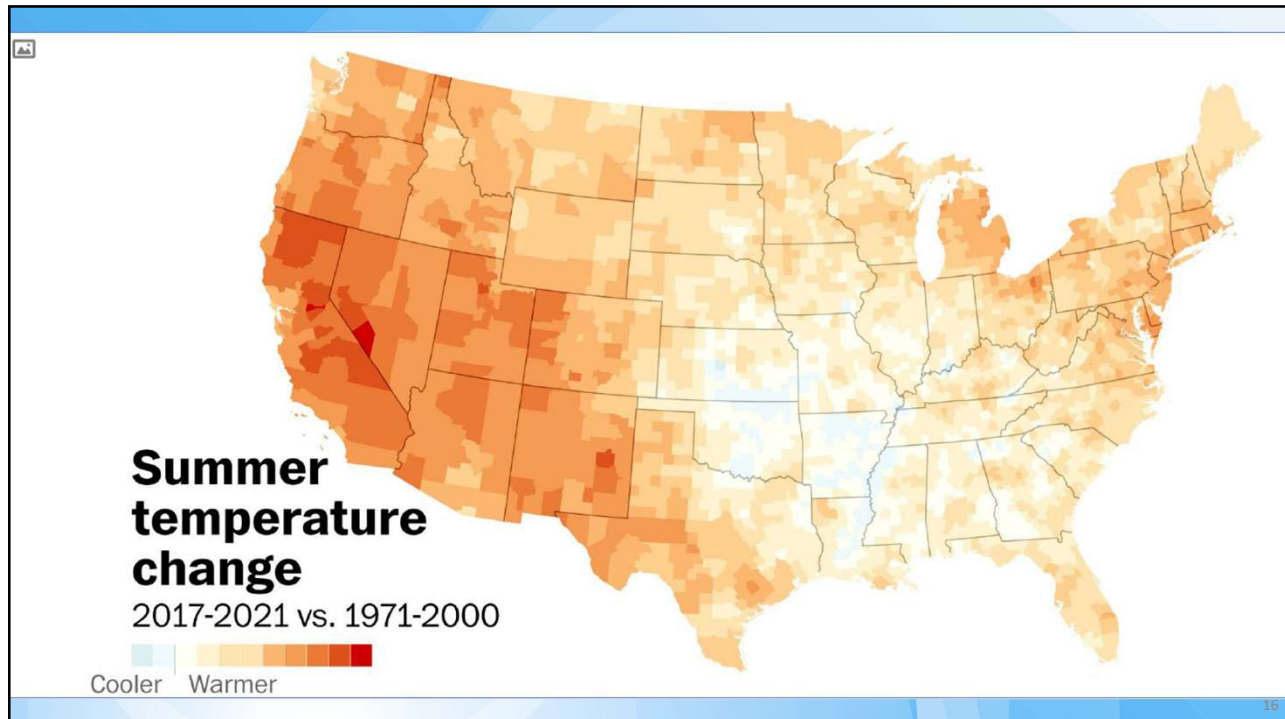


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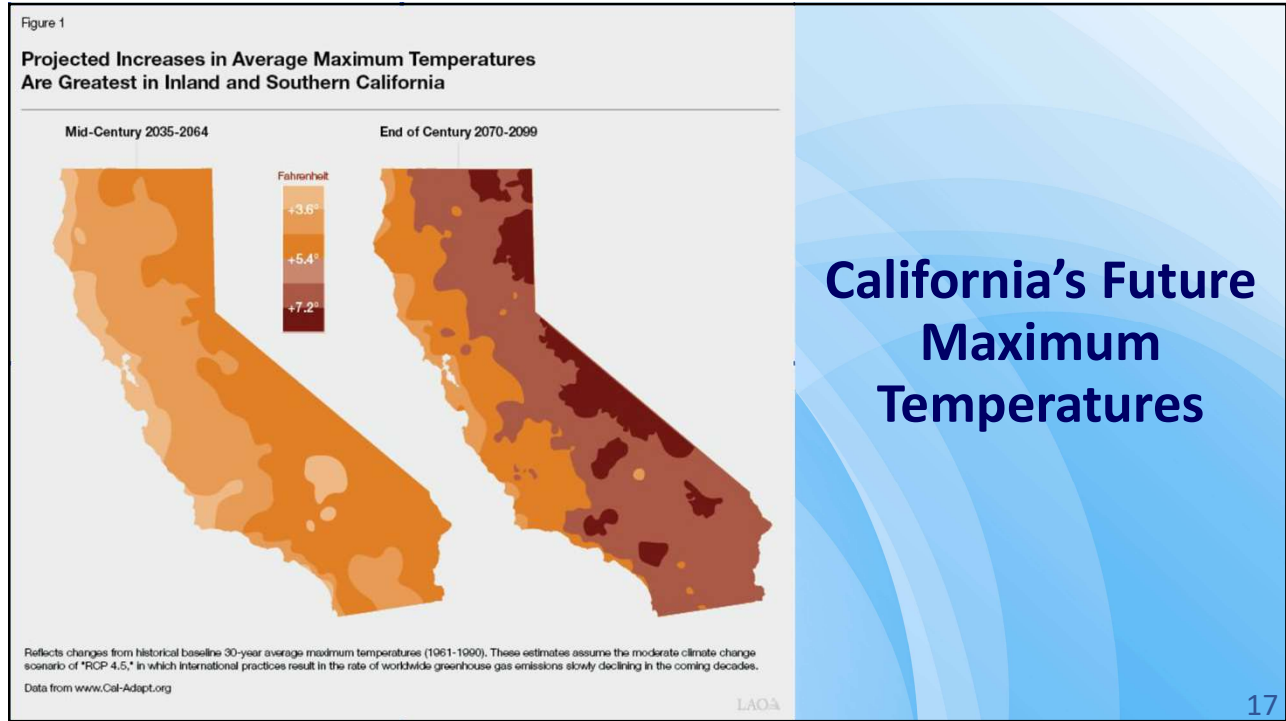




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## Consequences of Increasing Temperatures

Air Quality      Wildfires      Drought

18

18

## Measures to Address Climate Change

- **Mitigation** – reducing GHG emissions to reduce the magnitude and rate of future climate change
  - Cap and trade programs
  - Implementation of emission and fuels standards
  - Pivot to zero emission technologies
- **Adaptation** – actions to prepare for and adjust to the impacts associated with current and future climate change
  - Defenses for flooding/sea level rise
  - Strategies to reduce wildfires and promote forest management
  - Reducing urban heat island effect

***Need to have both types of actions in place***

19

19

## International Framework to Address Climate Change (IPCC)

### Intergovernmental Panel on Climate Change (IPCC)

- UN body responsible for assessing the state of science regarding climate change
- Informs the development of strategies under UNFCCC



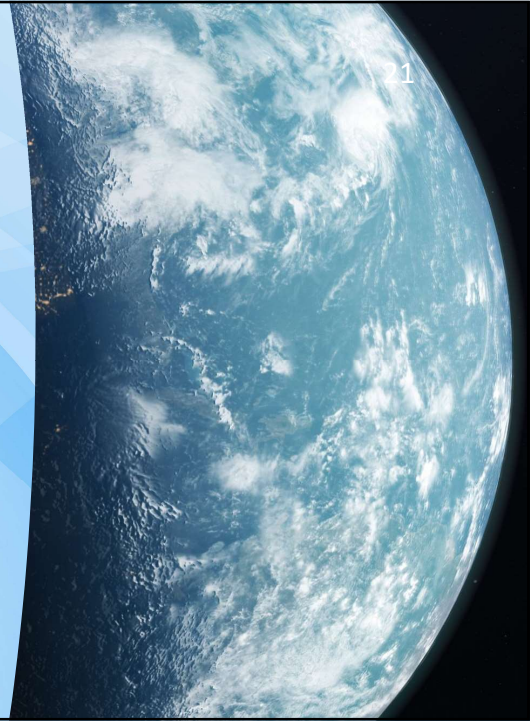
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## IPCC Observations

- *Human activities, principally through emissions of greenhouse gases, have unequivocally caused global warming, with global surface temperature reaching 1°C above 1850–1900 in 2011–2020*
- Global GHG emissions in 2030 implied by nationally determined contributions (NDCs) announced by October 2021 make it likely that warming will exceed 1.5°C during the 21st century and make it harder to limit warming below 2°C



21

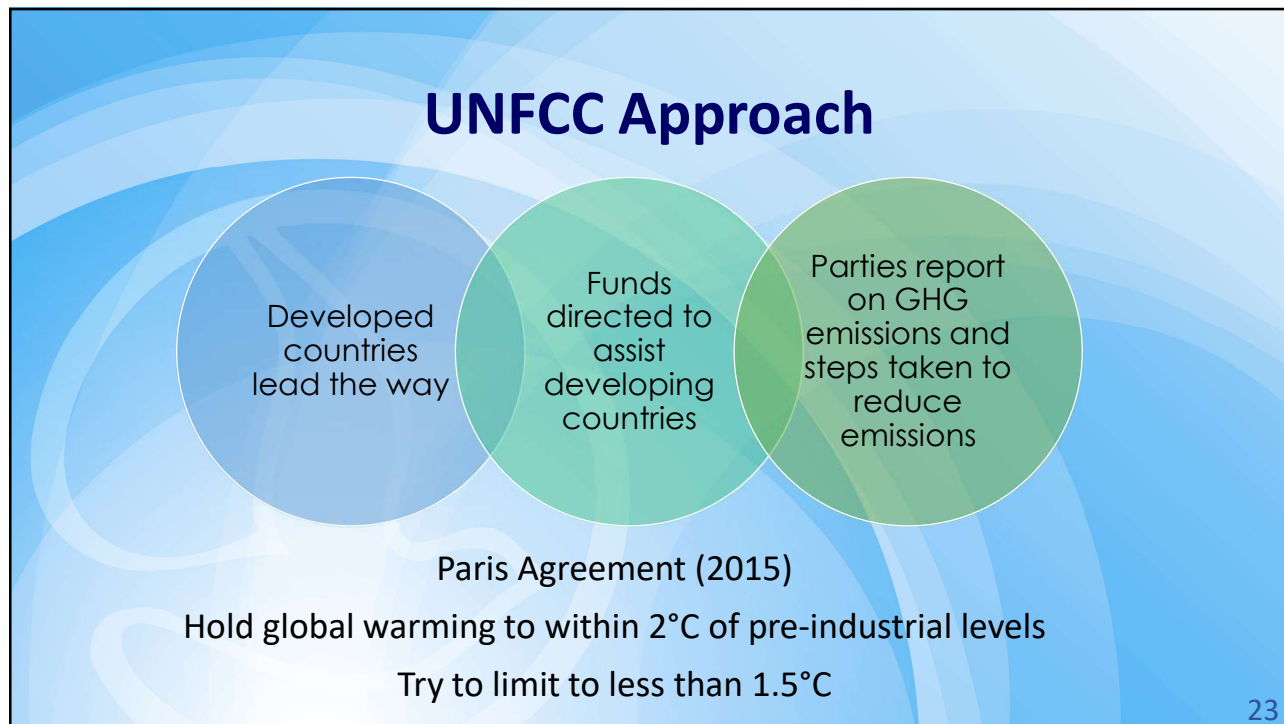
## UN Framework Convention on Climate Change (UNFCCC)

- In effect March 1994 – current
- Currently ratified by 198 countries – these are the “parties to the convention”
- “Conference of parties” (COP) held annually – decision-making body of the UNFCCC
- US participation led by Department of State
- Designed to stabilize global GHG concentrations
  - “At a level that would prevent dangerous anthropogenic (human induced) interference with the climate system”
  - Within a time-frame sufficient to allow ecosystems to adapt naturally to climate change, to ensure that food production is not threatened, and to enable economic development to proceed in a sustainable manner



22

22



23



24



## USGCRP – US Global Change Research Program

- Congressionally-mandated group with 14 member agencies to coordinate US climate research
- National Climate Assessment Report – peer-reviewed by National Academies of Sciences
  - 5<sup>th</sup> National Climate Assessment issued 2023



25

25

## California Statutory Emission Reduction Targets

Meet 1990 levels by 2020

At least 40% below 1990 levels by 2030

At least 85% below 1990 levels by 2045 *and* goal of net-zero

26

26

## California's Efforts to Address Climate Change

- 2022 Scoping Plan
- Cap and Trade Program
- Vehicle Emission Standards
  - Advanced Clean Cars
  - Advanced Clean Fleets
  - Omnibus Rule
- Low Carbon Fuel Standard
- Renewable Portfolio Standard
- Green Building Standard
- Greenhouse Gas Reduction Fund



December 2022

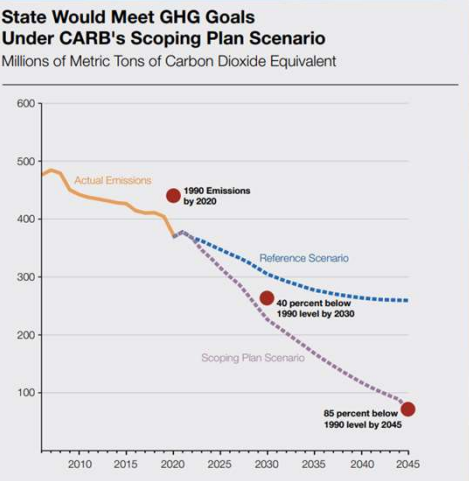


**2022 Scoping Plan for Achieving Carbon Neutrality**

27

## Challenges Meeting California's GHG Goals

**State Would Meet GHG Goals Under CARB's Scoping Plan Scenario**  
Millions of Metric Tons of Carbon Dioxide Equivalent



GHG = greenhouse gas and CARB = California Air Resources Board. LAOA

- 2020 target met by 2014
- Sharp dip in emissions in 2020 due to the pandemic; expected to rebound
- CARB's Scoping Plan shows path to meet 2030 and 2045 targets
- Strategies in CARB's pathway require widespread transformation to a zero-emissions economy at a rapid pace

28

## Limitations on Air District's Authority to Regulate GHGs

- AB 398 (Garcia, 2017) - **SEC. 12.**
- Section 38594 of the Health and Safety Code amended: **38594.**
  - (a) Except as provided in subdivision (b), nothing in this division shall limit or expand the existing authority of any district.
  - (b) A district shall not adopt or implement an emission reduction rule for carbon dioxide from stationary sources that are also subject to a market-based compliance mechanism adopted by the state board pursuant to subdivision (c) of Section 38562.

**Limits the ability of local air districts to regulate major sources of GHGs that are subject to CARB's cap and trade program ~80% of statewide emissions**

29

29

## Strategies Needed to Meet Air Quality Standards will Also Reduce GHGs

Combustion Equipment  
(engines, boilers, heaters)

NO<sub>x</sub>

CO<sub>2</sub>

Control measures that incorporate zero emission technologies will reduce NO<sub>x</sub> *and* CO<sub>2</sub> emissions



**2022**  
AIR QUALITY  
MANAGEMENT PLAN



30



# Battery/Fuel Cell Technologies and Alternative Fuels for Mobile Sources

Hydrogen Fueling and FCHV



EVs and Charging Infrastructure



Electric Fleets



Shore Power and Electric Equipment at Ports



Battery EV



Battery EV and Fuel Cell Trucks at the Port



ZE Switchers



Electric Equipment at Airports



31

31

# Fuel Cells/Battery/Heat Pumps for Stationary Sources

Heat Pump



Fuel Cell



Battery Storage



32

32

## Concluding Remarks

- Local governments can use their authority and resources to reduce greenhouse gases and climate change impacts within this overarching framework
- South Coast AQMD must continue to work to achieve National Ambient Air Quality Standards
- South Coast AQMD's strategies to achieve federal air quality standards will also help meet climate goals

33

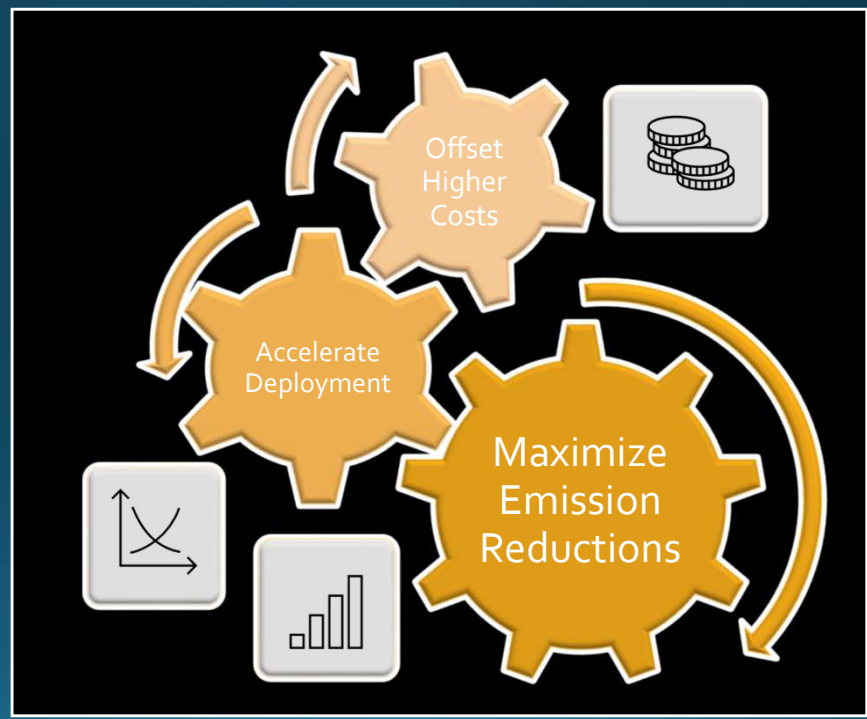
# South Coast AQMD Mobile Source Incentives Update



Walter Shen  
Planning & Rules Manager

1

## Role of Mobile Source Incentives



2

# Main Incentive Programs



## Carl Moyer Program

- HD trucks, Off-Road construction/AG, marine vessels, locomotives, cargo handling and infrastructure
- 1998 to Present
- \$575M
- 8,714 vehicles/engines
- Emissions Reduced (TPY) NOx: 9,242, PM: 263



## Proposition 1B Goods Movement

- HD trucks, cargo handling, TRU, locomotives and shore power
- 2009 to Present
- \$525M
- 7,867 vehicles/equipment
- Emissions Reduced (TPY) NOx: 7,402, PM: 220



## Lower-Emission School Bus Program

- School buses, infrastructure and CNG tank replacements
- 2001 to Present
- \$372M
- 5,378 buses
- Emissions Reduced (TPY) NOx: 891, PM: 64



## Replace Your Ride

- Light-duty vehicles, EV chargers and alternative options (passes, car sharing)
- 2015 to Present
- \$88M
- 11,100 vehicles
- Emissions Reduced (TPY) NOx: 33, PM: 1.8



3

# Other Incentive Programs



Voucher Incentive Program  
(for small fleets with ten or fewer vehicles)



Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program



Replace Your Ride



Volkswagen Environmental Mitigation Trust Program



Community Air Protection Program (supports AB 617)



Commercial Electric Lawn and Garden Equipment Program

4

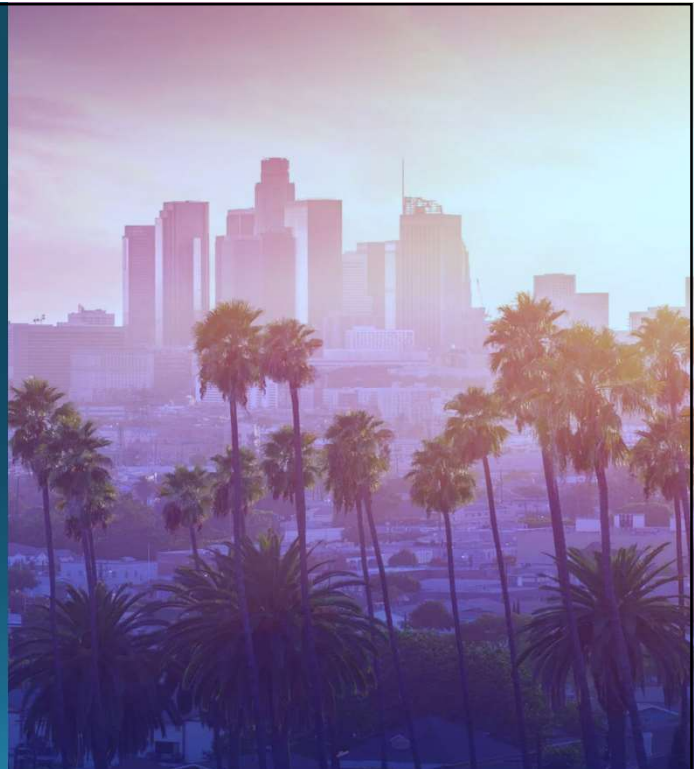




5

## Community Air Protection Program

- Community-driven program established in 2017
- Collaboration with CARB and air districts to improve air quality and reduce exposure
- Strategies to include community-level monitoring, stronger regulations and incentives
- Greenhouse Gas Reduction Fund (GGRF)



6





## Lower-Emission School Bus Program

- Replace older, high-emitting school buses with cleaner technologies
- For public school districts, including Joint Powers Authority, charter schools and private transportation providers under contract with a public school district
- Strives to fund the cleanest bus technologies commercially available
- School districts must pay at least \$15K as their local match
  - Funds are often combined with HVIP funds to help offset the higher cost of the new near-zero or zero-emission school bus
  - Up to \$400k for an electric school bus (with HVIP funds)
  - South Coast AQMD funds also available for infrastructure

7

## School Bus Awards by County



County	No. of Buses	Funding Amount
Los Angeles	57	\$14,333,000
Orange	53	\$13,605,000
Riverside	35	\$10,160,000
San Bernardino	33	\$8,885,000
<b>Total</b>	<b>178*</b>	<b>\$46,983,000</b>

\*89 zero-emission school buses funded

8

# VW Mitigation Program

Project Category	Technology	Allocation (millions)	Air District Administrator
Zero-Emission Transit, School and Shuttle Buses	Battery electric or fuel cell	\$130	SJVAPCD
Zero-Emission Class 8 Freight and Port Drayage Trucks	Battery electric or fuel cell	\$90	South Coast AQMD
Zero-Emission Freight and Marine Projects	Battery electric or fuel cell	\$70	BAAQMD
Combustion Freight and Marine Projects (waste haulers, dump trucks, concrete mixers, switcher locomotives, ferries, tug boats)	Low NOx engine, Tier 4, or Tier 4 equivalent	\$60	South Coast AQMD
Light-Duty Zero-Emission Vehicle Infrastructure	Electric charger or hydrogen fueling station	\$10	BAAQMD
CARB Reserve		\$63	
	<b>Total:</b>	<b>\$423</b>	



9

# VW Mitigation Program Update



	Combustion Freight and Marine Projects*	ZE Class 8 Freight and Port Drayage Trucks*	ZE Transit, School, and Shuttle Buses	ZE Freight and Marine Projects	Light Duty Infrastructure: Battery Electric	Light Duty Infrastructure: Hydrogen
<b>Total Funding</b>	<b>\$150 million</b>		<b>\$130 million</b>	<b>\$70 million</b>	<b>\$5 million</b>	<b>\$5 million</b>
<b>Solicitation Type</b>	<b>First-come, First-served</b>				<b>Competitive</b>	
<b>Solicitation Status</b>	<b>Open</b>	<b>Open</b>	<b>Open: Transit and Shuttle Only</b>	<b>Closed</b>	<b>Closed</b>	<b>Closed</b>

\*Administered by South Coast AQMD

10



## Commercial Electric Lawn & Garden Exchange Program

- Incentive program targeting the replacement of gasoline- or diesel-powered commercial lawn and garden equipment
- Offering up to 85% off eligible program equipment
- Who is eligible?
  - Commercial gardeners and Landscapers
  - Local governments
  - School district, colleges and non-profits
- Prioritize funding in environmental justice or disadvantaged communities to the extent possible
- Over 10,000 total L&G equipment replaced (\$8M in funding) since inception in 2019

11

## Emission Reduction Benefits Incentive Programs (2024)

Program	# of Engines / Equipment / INF Stations	NOx (TPY)	PM (TPY)	Funding Amount
Carl Moyer	323	324.3	6.9	\$81,740,404
AB 617 CAPP Incentives	165	120.6	5.7	\$112,929,185
Lower-Emission School Bus	178	34.1	4.8	\$46,983,000
FARMER Program	27	12.7	1.1	\$2,080,343
Volkswagen Mitigation	119	208	0	\$18,686,965
Commercial L&G	2,480	1.21	0.26	\$4,403,810
Proposition 1B Goods Movement	57	14.9	0	\$5,900,000
Replace Your Ride	2,023	6.0	0.3	\$16,113,000
<b>Total</b>	<b>5,372</b>	<b>722</b>	<b>19</b>	<b>\$288,836,707</b>

12

## Funding Opportunities in 2024



### Carl Moyer Program

- August 2024 and Early 2025



### Lower-Emission School Bus Program

- Quarter 4 2024



### Commercial Lawn & Garden

- Currently open



### Volkswagen Mitigation Trust

- Currently open



### Proposition 1B – Goods Movement

- Currently open

13

## Useful Links

Program	Link
Carl Moyer Program	<a href="http://www.aqmd.gov/moyer">www.aqmd.gov/moyer</a>
CAPP Incentives	<a href="http://www.aqmd.gov/cappincentives">www.aqmd.gov/cappincentives</a>
Commercial Lawn and Garden Equipment Incentive Program	<a href="http://www.aqmd.gov/lawngarden">www.aqmd.gov/lawngarden</a>
Lower Emission School Bus Program	<a href="http://www.aqmd.gov/schoolbus">www.aqmd.gov/schoolbus</a>
Proposition 1B - Goods Movement Emission Reduction Program	<a href="http://www.aqmd.gov/prop1b">www.aqmd.gov/prop1b</a>
Replace Your Ride	<a href="http://www.replaceyourride.com">www.replaceyourride.com</a>
Volkswagen Environmental Mitigation Program	<a href="http://www.aqmd.gov/vw">www.aqmd.gov/vw</a>
Voucher Incentive Program (for small fleets of 10 trucks and less)	<a href="http://www.aqmd.gov/vip">www.aqmd.gov/vip</a>

14

14



## 2024 MASTER CALENDAR

Month	Title and Description	Type of Rulemaking
<b>August</b>		
1148.1* <sup>+</sup>	<p><b>Oil and Gas Production Wells</b>  Proposed Amendments to Rule 1148.1 are needed to further reduce emissions from operations and implement early leak detection, odor minimization plans, and enhanced emissions and chemical reporting from oil and drilling sites.  <i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP / AB 617 CERP
2306* <sup>+</sup> 316.2	<p><b>Freight Rail Yards Fees for Rule 2306</b>  Proposed Rule 2306 will establish requirements to reduce emissions from new and existing freight rail yards and the mobile sources attracted to these facilities. Proposed Rule 316.2 will establish fees to recover the South Coast AQMD’s anticipated cost of implementing Proposed Rule 2306  <i>Elaine Shen 909.396.2715; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP / AB 617 CERP
<b>September</b>	<b>Title and Description</b>	<b>Type of Rulemaking</b>
1165	<p><b>Control of Emissions from Municipal Solid Waste Incinerators</b>  Proposed Rule 1165 will establish emission standards, source testing, and monitoring, recordkeeping, and reporting requirements for incinerators.  <i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP / Other
1445*	<p><b>Control of Toxic Emissions from Laser Arc Cutting</b>  Proposed Rule 1445 will establish requirements to reduce hexavalent chromium and other metal toxic air contaminant particulate emissions from laser arc cutting.  <i>Kalam Cheung 909.396.3281; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / AB 617 CERP
<b>October</b>	<b>Title and Description</b>	<b>Type of Rulemaking</b>
1135 <sup>+</sup>	<p><b>Emissions of Oxides of Nitrogen from Electricity Generating Facilities</b>  Proposed Amended Rule 1135 will modify provisions for electricity generating units at Santa Catalina Island to reflect a revised BARCT assessment.  <i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP / AB 617 BARCT

\* Potentially significant hearing

+ Reduce criteria air contaminants and assist toward attainment of ambient air quality standards

# Part of the transition of RECLAIM to a command-and-control regulatory structure

## 2024 MASTER CALENDAR *(Continued)*

Month	Title and Description	Type of Rulemaking
<b>October</b> (Continued)		
1173 <sup>+</sup>	<p><b>Control of Volatile Organic Compound Leaks and Releases from Components at Petroleum Facilities and Chemical Plants</b> Proposed Amended Rule 1173 will further reduce emissions from petroleum, include contingency provisions, and chemical plants by requiring early leak detection approaches. <i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP / AB 617 CERP
<b>November</b>		
1159.1 <sup>#</sup>	<p><b>Control of NOx Emissions from Nitric Acid Tanks</b> Proposed Rule 1159.1 will establish requirements to reduce NOx emissions from nitric acid units that will apply to RECLAIM, former RECLAIM, and non-RECLAIM facilities. <i>Kalam Cheung 909.396.3281; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP / AB 617 BARCT
1401	<p><b>New Source Review of Toxic Air Contaminants</b> Proposed Amended Rule 1401 will amend Table 1 to include new toxic air contaminants identified by California Office of Environmental Health Hazard Assessment (OEHHA). <i>Kalam Cheung 909.396.3281; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / Other
<b>December</b>		
1111	<p><b>Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces</b> Proposed Amended Rule 1111 will implement the 2022 AQMP control measure R-CMB-02 requiring zero emission residential space heating. <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP
1121 <sup>*</sup>	<p><b>Control of Nitrogen Oxides from Residential Type, Natural-Gas-Fired Water Heaters</b> Proposed amendments may be needed to further reduce NOx emissions from water heaters. <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP

*\* Potentially significant hearing*

*+ Reduce criteria air contaminants and assist toward attainment of ambient air quality standards*

*# Part of the transition of RECLAIM to a command-and-control regulatory structure*

## 2024 MASTER CALENDAR *(Continued)*

Month	Title and Description	Type of Rulemaking
December (Continued)		
Regulation XIII*#	<p><b>New Source Review</b>                      Proposed Amended Regulation XIII will revise New Source Review provisions to address facilities that are transitioning from RECLAIM to a command-and-control regulatory structure and to address comments from U.S. EPA. Additional rules under Regulation XIII may be needed to address offsets and other provisions under Regulation XIII.</p> <p style="text-align: center;"><i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP
Regulation XX*#	<p><b>RECLAIM</b>                      Proposed Amended Regulation XX will address the transition of NOx RECLAIM facilities to a command-and-control regulatory structure.</p> <p style="text-align: center;"><i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP
2304*+  316.1	<p><b>Commercial Marine Ports – Container Terminals Fees for Rule 2304</b>                      Proposed Rule 2304 will establish requirements to reduce emissions from container terminals located at commercial marine ports and the mobile sources attracted to these facilities. Proposed Rule 316.1 will establish fees to recover the South Coast AQMD’s anticipated cost of implementing Proposed Rule 2304.</p> <p style="text-align: center;"><i>Elaine Shen 909.396.2715; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP / AB 617 CERP

\* Potentially significant hearing

+ Reduce criteria air contaminants and assist toward attainment of ambient air quality standards

# Part of the transition of RECLAIM to a command-and-control regulatory structure

## 2024 To-Be-Determined

2024	Title and Description	Type of Rulemaking
102	<p><b>Definition of Terms</b> Proposed amendments may be needed to update and add definitions, and potentially modify exemptions. <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other
103	<p><b>Definition of Geographical Areas</b> Proposed amendments are needed to update geographic areas to be consistent with state and federal references to those geographic areas. <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other
209	<p><b>Transfer and Voiding of Permits</b> Proposed amendments may be needed to clarify requirements for change of ownership and permits and the assessment of associated fees. <i>Kalam Cheung 909.396.3281; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other
223	<p><b>Emission Reduction Permits for Large Confined Animal Facilities</b> Proposed Amended Rule 223 will seek additional ammonia emission reductions from large, confined animal facilities by lowering the applicability threshold. Proposed amendments will implement BCM-04 in the 2016 AQMP. <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP
403	<p><b>Fugitive Dust</b> Proposed Amended Rule 403 will seek to remove outdated provisions and clarify existing provisions to enhance compliance. <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other
403.1	<p><b>Supplemental Fugitive Dust Control Requirements for Coachella Valley Sources</b> Proposed Amended Rule 403.1 will clarify existing requirements for dust control and remove outdated provisions contained in supporting documents for Rule 403.1. <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other
407 <sup>#</sup>	<p><b>Liquid and Gaseous Air Contaminants</b> Proposed Amended Rule 407 will update SO<sub>x</sub> emission limits to reflect Best Available Retrofit Control Technology, if needed, remove exemptions for RECLAIM facilities, and update monitoring, reporting, and recordkeeping requirements. <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AB 617 BARCT

\* Potentially significant hearing

+ Reduce criteria air contaminants and assist toward attainment of ambient air quality standards

<sup>#</sup> Part of the transition of RECLAIM to a command-and-control regulatory structure



**2024 To-Be-Determined (Continued)**

2024	Title and Description	Type of Rulemaking
410	<p><b>Odors from Transfer Stations and Material Recovery Facilities</b>  Proposed Amended Rule 410 will clarify existing provisions. Additional provisions may be needed to address activities associated with diversion of food waste to transfer stations or material recovery facilities.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other
425	<p><b>Odors from Cannabis Processing</b>  Proposed Rule 425 will establish requirements for control of odors from cannabis processing.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other
430	<p><b>Breakdown Provisions</b>  Amendments to Rule 430 will be needed to remove exemptions for facilities that exit the RECLAIM program and update references to CEMS rules. Other amendments may be needed to address current policies from U.S. EPA regarding startup, shutdown, and malfunction requirements.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	RECLAIM / Other
431.1 <sup>#</sup>	<p><b>Sulfur Content of Gaseous Fuels</b>  Proposed Amended Rule 431.1 will assess exemptions, including RECLAIM, and update other provisions, if needed.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AB 617 BARCT / AB 617 CERP
431.2 <sup>#</sup>	<p><b>Sulfur Content of Liquid Fuels</b>  Proposed Amended Rule 431.2 will assess exemptions, including RECLAIM, and update other provisions, if needed.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AB 617 BARCT / AB 617 CERP
431.3 <sup>#</sup>	<p><b>Sulfur Content of Fossil Fuels</b>  Proposed Amended Rule 431.3 will assess exemptions, including RECLAIM, and update other provisions, if needed.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AB 617 BARCT / AB 617 CERP
444	<p><b>Open Burning</b>  Amendments may be needed to clarify existing provisions.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other
445 <sup>*</sup>	<p><b>Wood Burning Devices</b>  Proposed Amended Rule 445 will address additional U.S. EPA requirements for Best Available Control Measures, including lowering the curtailment threshold.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP

\* Potentially significant hearing

+ Reduce criteria air contaminants and assist toward attainment of ambient air quality standards

# Part of the transition of RECLAIM to a command-and-control regulatory structure

**2024 To-Be-Determined (Continued)**

2024	Title and Description	Type of Rulemaking
461	<p><b>Gasoline Transfer and Dispensing</b>            Amendments to Rule 461 may be needed to address potential regulatory gaps.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other
462	<p><b>Organic Liquid Loading</b>            Proposed Amended Rule 462 will incorporate the use of advanced techniques to detect fugitive emissions and Facility Vapor Leak. Other amendments may be needed to streamline implementation and add clarity.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other
468 <sup>#</sup>	<p><b>Sulfur Recovery Units</b>            Proposed Amended Rule 468 will update SO<sub>x</sub> emission limits to reflect Best Available Retrofit Control Technology, if needed, remove exemptions for RECLAIM facilities, and update monitoring, reporting, and recordkeeping requirements.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AB 617 BARCT
469 <sup>#</sup>	<p><b>Sulfuric Acid Units</b>            Proposed Amended Rule 469 will update SO<sub>x</sub> emission limits to reflect Best Available Retrofit Control Technology, if needed, remove exemptions for RECLAIM facilities, and update monitoring, reporting, and recordkeeping requirements.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AB 617 BARCT
1101 <sup>#</sup>	<p><b>Secondary Lead Smelters/Sulfur Oxides</b>            Proposed Amended Rule 1101 will update SO<sub>x</sub> emission limits to reflect Best Available Retrofit Control Technology, if needed, remove exemptions for RECLAIM facilities, and update monitoring, reporting, and recordkeeping requirements.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AB 617 BARCT
1102	<p><b>Dry Cleaners Using Solvent Other Than Perchloroethylene</b>            Proposed amendments may be needed to address certain exempt compounds, VOC limits for certain applications, and other amendments to improve clarity.  <i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AB 617 CERP
1105 <sup>#</sup>	<p><b>Fluid Catalytic Cracking Units SO<sub>x</sub></b>            Proposed Amended Rule 1105 will update SO<sub>x</sub> emission limits to reflect Best Available Retrofit Control Technology, if needed, remove exemptions for RECLAIM facilities, and update monitoring, reporting, and recordkeeping requirements.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AB 617 BARCT / AB 617 CERP

\* Potentially significant hearing

+ Reduce criteria air contaminants and assist toward attainment of ambient air quality standards

# Part of the transition of RECLAIM to a command-and-control regulatory structure

**2024 To-Be-Determined (Continued)**

2024	Title and Description	Type of Rulemaking
1107	<p><b>Coating of Metal Parts and Products</b>                      Proposed amendments may be needed to address certain exempt compounds, VOC limits for certain applications, and other amendments to improve clarity.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / Other
1108	<p><b>Cutback Asphalt</b>                      Proposed amendments may be needed to address certain exempt compounds, VOC limits for certain applications, and other amendments to improve clarity.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / Other
1108.1	<p><b>Emulsified Asphalt</b>                      Proposed amendments may be needed to address certain exempt compounds, VOC limits for certain applications, and other amendments to improve clarity.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics/ Other
1110.2*+ #	<p><b>Emissions from Gaseous- and Liquid-Fueled Engines</b>                      Proposed amendments will address use of emergency standby engines, incorporate possible comments by U.S. EPA for approval into the SIP, and address monitoring provisions for new engines.  <i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP / AB 617 BARCT
1110.4	<p><b>Emissions from Emergency Generators</b>                      Proposed Rule 1110.4 will establish and revise rule provisions to reduce NOx, CO, and PM emissions from emergency generators.  <i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other / AQMP
1113	<p><b>Architectural Coatings</b>                      Proposed amendments may be needed to address delisted compounds and other amendments to improve clarity and to remove obsolete provisions.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other
1114	<p><b>Petroleum Refinery Coking Operations</b>                      Proposed Amended Rule 1114 will seek to add notification requirements when coke particles, liquid and/or gas is ejected from the coke drum during cutting.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other

\* Potentially significant hearing

+ Reduce criteria air contaminants and assist toward attainment of ambient air quality standards

# Part of the transition of RECLAIM to a command-and-control regulatory structure

**2024 To-Be-Determined (Continued)**

2024	Title and Description	Type of Rulemaking
1119 <sup>#</sup>	<p><b>Petroleum Coke Calcining Operations – Oxides of Sulfur</b>  Proposed Amended Rule 1119 will update SOx emission limits to reflect Best Available Retrofit Control Technology, if needed, remove exemptions for RECLAIM facilities, and update monitoring, reporting, and recordkeeping requirements.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AB 617 BARCT / AB 617 CERP
1122	<p><b>Solvent Degreasers</b>  Proposed amendments may be needed to address certain exempt compounds, VOC limits for certain applications, and other amendments to improve clarity.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / Other
1124	<p><b>Aerospace Assembly and Component Manufacturing Operations</b>  Proposed amendments may be needed to address certain exempt compounds, VOC limits for certain applications, and other amendments to improve clarity.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / Other
1125	<p><b>Metal Container, Closure, and Coil Coating Operations</b>  Proposed amendments may be needed to address certain exempt compounds, VOC limits for certain applications, and other amendments to improve clarity.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / Other
1126	<p><b>Magnet Wire Coating Operations</b>  Proposed amendments may be needed to address certain exempt compounds, VOC limits for certain applications, and other amendments to improve clarity.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / Other
1128	<p><b>Paper, Fabric, and Film Coating Operations</b>  Proposed amendments may be needed to address certain exempt compounds, VOC limits for certain applications, and other amendments to improve clarity.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / Other
1130	<p><b>Graphic Arts</b>  Proposed amendments may be needed to address certain exempt compounds, VOC limits for certain applications, and other amendments to improve clarity.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / Other

\* Potentially significant hearing

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# Part of the transition of RECLAIM to a command-and-control regulatory structure

**2024 To-Be-Determined (Continued)**

2024	Title and Description	Type of Rulemaking
1130.1	<p><b>Screen Printing Operations</b>  Proposed amendments may be needed to address certain exempt compounds, VOC limits for certain applications, and other amendments to improve clarity.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / Other
1133.3	<p><b>Emission Reductions from Greenwaste Composting Operations</b>  Proposed Amended Rule 1133.3 will seek additional VOCs and ammonia emission reductions from greenwaste and foodwaste composting. Proposed amendments will implement BCM-10 in the 2016 AQMP.  <i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP
1136	<p><b>Wood Products Coatings</b>  Proposed amendments may be needed to address certain exempt compounds, VOC limits for certain applications, and other amendments to improve clarity.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / Other
1138 <sup>+</sup>	<p><b>Control of Emissions from Restaurant Operations</b>  Proposed Amended Rule 1138 will further reduce emissions from underfired charboilers.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP
1142	<p><b>Marine Tank Vessel Operations</b>  Proposed Amended Rule 1142 will address VOC and hydrogen sulfide emissions from marine tank vessel operations, applicability, noticing requirements, and provide clarifications.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other
1143	<p><b>Consumer Paint Thinners and Multi-Purpose Solvents</b>  Proposed amendments may be needed to address certain exempt compounds, VOC limits for certain applications, and other amendments to improve clarity.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / Other
1144	<p><b>Metalworking Fluids and Direct-Contact Lubricants</b>  Proposed amendments may be needed to address certain exempt compounds, VOC limits for certain applications, and other amendments to improve clarity.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / Other
1145	<p><b>Plastic, Rubber, Leather, and Glass Coatings</b>  Proposed amendments may be needed to address certain exempt compounds, VOC limits for certain applications, and other amendments to improve clarity.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / Other

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# Part of the transition of RECLAIM to a command-and-control regulatory structure



**2024 To-Be-Determined (Continued)**

2024	Title and Description	Type of Rulemaking
1146	<p><b>Emissions of Oxides of Nitrogen from Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters</b></p> <p>Proposed amendments to Rule 1146 may be needed to incorporate comments from U.S. EPA.</p> <p align="center"><i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other
1146.1 <sup>#</sup>	<p><b>Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters</b></p> <p>Proposed amendments to Rule 1146.1 may be needed to clarify provisions for industry-specific categories and to incorporate comments from U.S. EPA.</p> <p align="center"><i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other
1151	<p><b>Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations</b></p> <p>Proposed Amended Rule 1151 will provide clarifications of current requirements and amend provisions to address implementation issues.</p> <p align="center"><i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other / AB 617 CERP
1162	<p><b>Polyester Resin Operations</b></p> <p>Proposed amendments may be needed to address certain exempt compounds, VOC limits for certain applications, and other amendments to improve clarity.</p> <p align="center"><i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / Other
1166	<p><b>Volatile Organic Compound Emissions from Decontamination of Soil</b></p> <p>Proposed Amended Rule 1166 will update requirements, specifically concerning notifications and usage of mitigation plans (site specific versus various locations).</p> <p align="center"><i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other
1171	<p><b>Solvent Cleaning Operations</b></p> <p>Proposed Amendments to Rule 1171 may be needed to address certain exempt chemicals and compliance issues.</p> <p align="center"><i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / Other
1174	<p><b>Control of Volatile Organic Compound Emissions from the Ignition of Barbecue Charcoal</b></p> <p>Proposed amendments may be needed to address certain exempt compounds, VOC limits for certain applications, and other amendments to improve clarity.</p> <p align="center"><i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP / Other

\* Potentially significant hearing

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# Part of the transition of RECLAIM to a command-and-control regulatory structure

**2024 To-Be-Determined (Continued)**

2024	Title and Description	Type of Rulemaking
1176	<p><b>VOC Emissions from Wastewater Systems</b>  Proposed Amended Rule 1176 will clarify the applicability of the rule to include bulk terminals under definition of “Industrial Facilities,” and streamline and clarify provisions.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other / AB 617 CERP
1186.1, 1191, 1192, 1193, 1194, 1195, 1196* <sup>+</sup>	<p><b>Fleet Rules</b>  Proposed amendments to Rules 1186.1, 1191, 1192, 1193, 1194, 1195, 1196 will seek to align South Coast AQMD fleet rules with CARB’s final Advanced Clean Fleets regulation should it be adopted.  <i>Vicki White 909.396.3436; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP / Other
1403*	<p><b>Asbestos Emissions from Demolition/Renovation Activities</b>  Proposed Amended Rule 1403 will enhance implementation, improve rule enforceability, update provisions, notifications, exemptions, and align provisions with the applicable U.S. EPA National Emission Standard for Hazardous Air Pollutants (NESHAP) and other state and local requirements as necessary.  <i>Kalam Cheung 909.396.3281; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics
1404	<p><b>Hexavalent Chromium Emissions from Cooling Towers</b>  Amendments may be needed to provide additional clarifications regarding use of process water that is associated with sources that have the potential to contain chromium in cooling towers and address VOC emissions.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / AQMP
1411	<p><b>Recovery or Recycling of Refrigerants from Motor Vehicle Air Conditioners</b>  Proposed Amended Rule 1411 seeks amendments to coincide with Section 609 of the Clean Air Act.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics
1415 1415.1	<p><b>Reduction of Refrigerant Emissions from Stationary Air Conditioning Systems, and Reduction of Refrigerant Emissions from Stationary Refrigeration Systems</b>  Proposed Amended Rules 1415 and 1415.1 will align requirements with the proposed CARB Refrigerant Management Program and U.S. EPA’s Significant New Alternatives Policy Rule provisions relative to prohibitions on specific hydrofluorocarbons.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Other

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# Part of the transition of RECLAIM to a command-and-control regulatory structure

## 2024 To-Be-Determined (*Continued*)

2024	Title and Description	Type of Rulemaking
1420	<p><b>Emissions Standard for Lead</b>  Proposed Amended Rule 1420 will update requirements to address arsenic emissions to close a regulatory gap between Rule 1420 and Rule 1407 - Control of Emissions of Arsenic, Cadmium, and Nickel from Non-Ferrous Metal Melting Operations. Other provisions may be needed to address storage and handling requirements, and revise closure requirements.</p> <p style="text-align: right;"><i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics
1420.1	<p><b>Emission Standards for Lead and Other Toxic Air Contaminants from Large Lead-Acid Battery Recycling Facilities</b>  Proposed Amendments are needed to update applicable test methods and provide clarifications regarding submittal of a source-test protocol. Additional amendments may be needed to address monitoring and post closure requirements.</p> <p style="text-align: right;"><i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics
1420.2	<p><b>Emission Standards for Lead from Metal Melting Facilities</b>  Proposed Amended Rule 1420.2 will update requirements to address arsenic emissions to close a regulatory gap between Rule 1420 and Rule 1407 - Control of Emissions of Arsenic, Cadmium, and Nickel from Non-Ferrous Metal Melting Operations. Additional amendments may be needed to address monitoring and post closure requirements.</p> <p style="text-align: right;"><i>Kalam Cheung 909.396.3281; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics
1420.3	<p><b>Emissions Standards for Lead from Firing Ranges</b>  Proposed Rule 1420.3 will establish requirements to address lead emissions from firing ranges.</p> <p style="text-align: right;"><i>Kalam Cheung 909.396.3281; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / Other
1426.1	<p><b>Hexavalent Chromium Emissions from Metal Finishing Operations</b>  Proposed Rule 1426.1 will reduce hexavalent chromium emissions from heated chromium tanks used at facilities with metal finishing operations that are not subject to Rule 1469.</p> <p style="text-align: right;"><i>Kalam Cheung 909.396.3281; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics

\* *Potentially significant hearing*

+ *Reduce criteria air contaminants and assist toward attainment of ambient air quality standards*

# *Part of the transition of RECLAIM to a command-and-control regulatory structure*

## 2024 To-Be-Determined (*Continued*)

2024	Title and Description	Type of Rulemaking
1435*	<p><b>Control of Toxic Air Contaminant Emissions from Metal Heating Operations</b>  Proposed Rule 1435 will establish requirements to reduce point source and fugitive toxic air contaminants including hexavalent chromium emissions from heat treating processes. Proposed Rule 1435 will also include monitoring, reporting, and recordkeeping requirements.</p> <p style="text-align: right;"><i>Kalam Cheung 909.396.3281; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP / AB 617 CERP
1450*	<p><b>Control of Methylene Chloride Emissions</b>  Proposed Rule 1450 will reduce methylene chloride emissions from furniture stripping and establish monitoring, reporting, and recordkeeping requirements.</p> <p style="text-align: right;"><i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics
1455	<p><b>Control of Hexavalent Chromium Emissions from Torch Cutting and Welding</b>  Proposed Rule 1455 will establish requirements to reduce hexavalent chromium emissions from torch cutting and welding of chromium alloys.</p> <p style="text-align: right;"><i>Kalam Cheung 909.396.3281; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics / AB 617 CERP
1466	<p><b>Control of Particulate Emissions from Soils with Toxic Air Contaminants</b>  Amendments may be needed for residential cleanup projects.</p> <p style="text-align: right;"><i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics
1466.1	<p><b>Control of Particulate Emissions from Demolition of Buildings</b>  Proposed Rule 1466.1 will establish requirements to minimize PM emissions during the demolition of buildings that housed equipment and processes with metal toxic air contaminants and pollution control equipment.</p> <p style="text-align: right;"><i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics

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# Part of the transition of RECLAIM to a command-and-control regulatory structure

**2024 To-Be-Determined (Continued)**

2024	Title and Description	Type of Rulemaking
1469	<p><b>Hexavalent Chromium Emissions from Chromium Electroplating and Chromic Acid Anodizing Operations</b>                      Amendments to Rule 1469 may be needed to address potential changes with the CARB’s Hexavalent Chromium Airborne Toxic Control Measure for Chrome Plating and Chromic Acid Anodizing Operations.  <i>Kalam Cheung 909.396.3281; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics
1470	<p><b>Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines</b>                      Proposed Amended Rule 1470 seeks to reduce NOx emissions from stationary internal combustion engines (ICEs) by replacing older ICEs with alternative cleaner technology.  <i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP / Toxics
1470.1	<p><b>Emissions from Emergency Standby Diesel-Fueled Engines</b>                      Proposed Rule 1470.1 seeks to reduce NOx emissions from emergency standby internal combustion engines (ICEs) by replacing older ICEs and requiring the use of commercially available lower emission fuels, such as renewable diesel.  <i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP / Toxics
1472	<p><b>Requirements for Facilities with Multiple Stationary Emergency Standby Diesel-Fueled Internal Combustion Engines</b>                      Proposed Amended Rule 1472 will remove provisions that are no longer applicable, update and streamline provisions to reflect the latest OEHHA Health Risk Assessment Guidelines and assess the need for Compliance Plans.  <i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics
1480.1	<p><b>Ambient Monitoring and Sampling of Gaseous Toxic Air Contaminants</b>                      Proposed Rule 1480.1 will establish requirements to conduct monitoring and sampling for those facilities identified as significant high-risk level.  <i>Heather Farr 909.396.3672; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	Toxics
1901	<p><b>General Conformity</b>                      Proposed Amended Rule 1901 will establish a new General Conformity determination process for applicable projects receiving federal funding or approval.  <i>TBD; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP

\* Potentially significant hearing

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# Part of the transition of RECLAIM to a command-and-control regulatory structure



**2024 To-Be-Determined (Continued)**

2024	Title and Description	Type of Rulemaking
Regulation XX	<p><b>RECLAIM - Requirements for Oxides of Sulfur (SOx) Emissions</b>            Amendments to Regulation XX rules to address SOx requirements at RECLAIM facilities if there is consideration to transition SOx RECLAIM to command-and-control regulatory structure.  <i>Michael Morris 909.396.3282; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	RECLAIM / Other
Regulation XXIII* <sup>+</sup>	<p><b>Facility-Based Mobile Sources</b>            Proposed rules within Regulation XXIII would reduce emissions from indirect sources and the mobile sources attracted to these facilities.  <i>Elaine Shen 909.396.2715; CEQA and Socio: Barbara Radlein 909.396.2716</i></p>	AQMP / AB 617 CERP
Regulation II, III, IV, V, VIII, XI, XIV, XIX, XXIII, XXIV, XXX and XXXV	<p>Various rule amendments may be needed to meet the requirements of state and federal laws; implement OEHHA’s latest risk assessment guidance; incorporate changes from OEHHA to new or revised toxic air contaminants or their risk values; address variance issues, emission limits, technology-forcing emission limits, and conflicts with other agency requirements; abate substantial endangerment to public health; apply additional reductions to meet SIP short-term measure commitments; address issues raised by U.S. EPA or CARB for the SIP or for a rule that was submitted into the SIP; and address compliance issues raised by the Hearing Board. In addition, administrative changes could be necessary for Hearing Board procedures, filings, petitions, noticing, etc. Amendments to existing rules may be needed to address use of materials that contain chemicals of concern. The associated rule development or amendments include, but are not limited to, South Coast AQMD existing, or new rules to implement measures in the 2012, 2016 or 2022 AQMP. This includes measures in the 2016 AQMP to reduce toxic air contaminants or reduce exposure to air toxics from stationary, mobile, and area sources. Rule adoption or amendments may include updates to provide consistency with CARB Statewide Air Toxic Control Measures, U.S. EPA’s National Emission Standards for Hazardous Air Pollutants, or to address the lead National Ambient Air Quality Standard. Rule adoption or amendments may be needed to implement AB 617 including but not limited to BARCT rules, Community Emission Reduction Plans prepared pursuant to AB 617, or new or amended rules to abate a public health issue identified through emissions testing or ambient monitoring.</p>	Other / AQMP/ Toxics / AB 617 BARCT / AB 617 CERP

\* Potentially significant hearing

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# Part of the transition of RECLAIM to a command-and-control regulatory structure

## Local Government & Small Business Assistance Advisory Group

### Proposed 2024 Goals & Objectives

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For 2024, the LGSBA Advisory Group will provide input about regulatory policies and practices and suggest enhancements to promote small business economic growth while furthering air quality and public health protection, consistent with the LGSBA Advisory Group mission statement.

The following items are proposed to be discussed in depth for 2024:

1. Significant South Coast AQMD rule amendments, proposals or initiatives as necessary.
2. Update on South Coast AQMD's state and federal legislative agenda at periodic intervals.
3. Update on Fiscal Year 2024-25 Draft Budget and Work Program.
4. Update on Technology Advancement projects.
5. Update on Greenhouse Gas-related activities.
6. Update on South Coast AQMD's incentive programs.
7. Update on South Coast AQMD's implementation of Office of Environmental Health Hazard Assessment's (OEHHA's) updated methods for estimating cancer risks, addressing unassessed chemicals, and using provisional health values.
8. Update on Best Available Control Technology guidelines.
9. Update on permit backlog and streamlining efforts.
10. Overview of proposed Rule 317.1 – Clean Air Act Nontainment Fees for the 8-Hour Ozone Standards and potential fee equivalency.

The approved minutes, reflecting the discussions, will be forwarded to the Administrative Committee and the Governing Board. Not all items may be covered due to time constraints. The LGSBA Chair may also make further changes to accommodate requests received or cover issues not anticipated at the beginning of the year.