



# South Coast Air Quality Management District

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

## LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE ADVISORY GROUP MEETING

### Advisory Group Members

Mayor Carlos Rodriguez, LGSBA Chair (Board Member)  
Senator Vanessa Delgado (Board Member)  
Supervisor Janice Rutherford (Board Member)  
Felipe Aguirre  
Council Member Rachele Arizmendi, City of Sierra Madre  
Paul Avila, P.B.A. & Associates  
Geoffrey Blake, Metal Finishers of Southern California  
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

**Friday, October 14, 2022 ♦ 11:30 a.m.**

**Pursuant to Assembly Bill 361, a meeting of the South Coast Air Quality Management District Local Government & Small Business Advisory Group will only be conducted via videoconferencing and by telephone. Please follow the instructions below to join the meeting remotely.**

### **ELECTRONIC PARTICIPATION** **(Instructions provided at bottom of the agenda)**

*Join Zoom Webinar Meeting – from PC or Laptop*  
<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 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**

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

*Mayor Carlos Rodriguez  
Committee Chair*

### **ACTION ITEM:**

2. Approval of September 9, 2022 Meeting Minutes  
*(Motion Required)*  
*[Attachment 1]*

*Mayor Carlos Rodriguez  
Committee Chair*

### **DISCUSSION ITEMS (Items 3 through 4):**

3. Review of Follow-Up/Action Items  
*There were no follow-up/action items identified in the previous meeting.*  
*(No Motion Required)*

*Derrick J. Alatorre  
Deputy Executive Officer  
Legislative, Public Affairs & Media*

4. Update on Draft Socioeconomic Report for the Revised Draft 2022 Air Quality Management Plan  
*Staff will present on the Draft Socioeconomic Report for the Revised Draft 2022 Air Quality Management Plan.*  
*(No Motion Required)*  
*[Attachment 2]*

*Elaine Shen, PhD  
Planning & Rules Manager  
Planning, Rule Development &  
Implementation*

**OTHER MATTERS:**

6. 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)*

7. 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.*

8. **Next Meeting Date** - Thursday, November 10, 2022, 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.



# South Coast Air Quality Management District

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## LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE ADVISORY GROUP FRIDAY, SEPTEMBER 9, 2022 MEETING MINUTES

### MEMBERS PRESENT:

Mayor Carlos Rodriguez, LGSBA Chair (Board Member)  
Senator Vanessa Delgado (Board Member)  
Supervisor Janice Rutherford (Board Member)  
Paul Avila, P.B.A. & Associates  
Geoffrey Blake, Metal Finishers of Southern California  
Todd Campbell, Clean Energy  
John DeWitt, JE DeWitt, Inc.  
Bill LaMarr, California Small Business Alliance  
Rita Loof, RadTech International

### MEMBERS ABSENT:

Felipe Aguirre  
Council Member Rachelle Arizmendi, City of Sierra Madre  
LaVaughn Daniel, DancoEN  
Eddie Marquez, Roofing Contractors Association  
David Rothbart, Los Angeles County Sanitation Districts

### OTHERS PRESENT:

Mark Abramowitz  
Debra Mendelsohn, Board Member Consultant (*Rutherford*)  
Mark Taylor, Board Member Consultant (*Rutherford*)

### SOUTH COAST AQMD STAFF:

Susan Nakamura, Chief Operating Officer  
Derrick Alatorre, Deputy Executive Officer  
Sarah Rees, Deputy Executive Officer  
Lisa Tanaka O'Malley, Assistant Deputy Executive Officer  
Daphne Hsu, Principal Deputy District Counsel  
Philip Crabbe III, Senior Public Affairs Manager  
Denise Peralta Gailey, Public Affairs Manager  
Sang-Mi Lee, Planning and Rules Manager  
Mark Henninger, Information Technology Manager  
Anthony Tang, Information Technology Supervisor  
Elaine Hills, Senior Staff Specialist  
Van Doan, Air Quality Specialist

Britney Gallivan, Air Quality Specialist  
Paul Wright, Senior Information Technology Specialist  
Kristina Voorhees, Senior Administrative Assistant

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

Chair Carlos Rodriguez called the meeting to order at 11:30 a.m.

For additional details of the Local Government & Small Business (LGSBA) Advisory Group Meeting, please refer to the Webcast at [Live Webcast \(aqmd.gov\)](https://aqmd.gov).

### **Agenda Item #2 – Approval of August 12, 2022 Meeting Minutes**

Chair Rodriguez called for approval of the August 12, 2022 meeting minutes.

No public comment.

Motion to approve minutes made by Rita Loof; seconded by Todd Campbell; approved.

Ayes: Avila, Blake, Campbell, LaMarr, Loof, Rutherford, Delgado, Rodriguez

Noes: None

Abstain: None

Absent: Aguirre, Arizmendi, Daniel, DeWitt (during voting), Marquez, Rothbart

For additional details, please refer to the [Webcast](#) beginning at 38:30.

### **Agenda Item #3 – Review of Follow-Up/Action Items**

Derrick Alatorre, Deputy Executive Officer/Legislative, Public Affairs and Media, reviewed the action item from the August 12, 2022 meeting, which was to provide a one-page summary of previous U.S. EPA and Congressional Research Service (CRS) retrospective review reports. Links to the reports were emailed to the Advisory Group on August 31, 2022. The one-page summary will be provided when it is complete.

No public comment.

For additional details, please refer to the [Webcast](#) beginning at 8:28.

### **Agenda Item #4 – Health Effects of Criteria Pollutants**

Sarah Rees, Deputy Executive Officer/Planning, Rule Development and Implementation, presented a brief summary of the Health Effects Analysis of the Revised Draft 2022 Air Quality Management Plan (AQMP).

John DeWitt inquired about retrospective reviews. Dr. Rees replied that there are no plans to conduct retrospective reviews and links to U.S. EPA and CRS reports were already sent to the Advisory Group. For additional details, please refer to the [Webcast](#) beginning at 25:50.

Paul Avila asked about sample size for the health effects studies. Dr. Rees replied that the U.S. EPA models were used for health effects modeling and did not include actual physical samples.

For additional details, please refer to the [Webcast](#) beginning at 27:22.

Todd Campbell asked when the next public comment period begins for the Revised Draft AQMP. Dr. Rees replied that the next comment period will be in October. For additional details, please refer to the [Webcast](#) beginning at 29:26.

Bill LaMarr commented on recent weather conditions and asked if related health effects are being considered. Dr. Rees replied that baseline models are used for the AQMP and does not account for unusual weather events. For additional details, please refer to the [Webcast](#) beginning at 30:07.

Rita Loof referenced a discussion at a Clean Air Scientific Advisory Committee (CASAC) meeting and asked which areas would be in nonattainment if the U.S. EPA were to lower the ozone standard. Dr. Rees replied that lower ozone standards would impact urbanized areas with high number of mobile sources, including highways and transportation hubs. For additional details, please refer to the [Webcast](#) beginning at 34:48.

No public comment.

For additional details on the presentation and discussions, please refer to the [Webcast](#) beginning at 10:56.

**Agenda Item #5 – End-of-Year Summary Report on State Legislature’s and Governor’s Actions during 2022 Legislative Session**

Philip Crabbe III, Senior Public Affairs Manager for Legislative, Public Affairs & Media, provided an end-of-legislative-year summary report on the actions of the State Legislature and Governor, including items relating to the budget and South Coast Air Quality Management District (South Coast AQMD)-sponsored bills and bills of interest.

Ms. Loof asked if the California Air Pollution Control Officers Association (CAPCOA) represents the air districts or the air pollution control officers. Mr. Crabbe replied that CAPCOA members consist of air pollution control officers representing the 35 air districts. For additional details, please refer to the [Webcast](#) beginning at 45:25.

No public comment.

For additional details on the presentation and discussions, please refer to the [Webcast](#) beginning at 42:03.

**Agenda Item #6 – Other Business**

No other business.

**Agenda Item #7 – Public Comment**

No public comment.

**Agenda Item #8 – Next Meeting Date**

The next regular LGSBA Advisory Group meeting is scheduled for Friday, October 14, 2022, at 11:30 a.m.

**Adjournment**

The meeting adjourned at 12:18 p.m.



# Draft Socioeconomic Report for the Revised Draft 2022 AQMP

Local Government and Small Business Assistance Advisory Group

October 14, 2022



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## Background and Report Outline

- Socioeconomic impact assessment for AQMP
  - To better inform the public and policymakers
  - Conducted since 1991
- Draft Socioeconomic Report:
  - Executive summary
  - Introduction
  - Costs of control measures
  - Clean air benefits
  - Job impacts
  - Sub-county distribution of costs, benefits, and job impacts
  - Environmental justice (EJ) analysis
  - Technical appendices



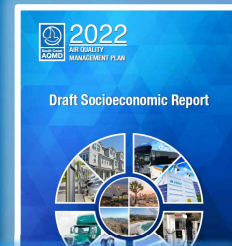
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## Current Status

### Draft Socioeconomic Report released October 1

- Analyzes benefits, costs, economic, and environmental justice impacts of the Revised Draft 2022 AQMP
- Public comment period through November 2
- Available at: <http://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan/socioeconomic-analysis>



On October 1, 2022, South Coast AQMD staff released the Draft Socioeconomic Report for the Revised Draft 2022 AQMP.

- Draft Socioeconomic Report for the Revised Draft 2022 AQMP - October 1, 2022 (PDF, 6.2Mb) **NEW**
- Draft Socioeconomic Report Appendices - October 1, 2022 (PDF, 4.6Mb) **NEW**

Public comments on the Draft Socioeconomic Report should be submitted by Wednesday, November 2, 2022, through the Draft Socioeconomic Comment Submission Form or via an email to [SocioEcon@aqmd.gov](mailto:SocioEcon@aqmd.gov).

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## Public Process

### Continuous stakeholder involvement via public process:

- Scientific, Technical & Modeling Peer Review (STMPR) Advisory Group
  - 4 meetings covered socioeconomic topics between November 2021 and October 2022
- Regional public workshops
  - 3 scoping sessions in May
- Regional public hearings
  - 5 meetings in October
- Presentation to the South Coast AQMD Governing Board
  - October 7

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## Summary of Draft Incremental Costs\*

Measures	Annual Amortized Average 2023-2037** (Billions of 2021 dollars)				Percent of Total Annualized Cost
	Remaining Incremental Cost		Incentives	Total Incremental Cost	
Stationary and Area Sources	\$1.12	+	\$0.12	= \$1.24	43.5%
Mobile Sources	\$1.44	+	\$0.17	= \$1.61	56.5%
All Sources	\$2.56	+	\$0.29	= \$2.85	100%

\* Costs are incremental to the business-as-usual scenario without the Revised Draft 2022 AQMP. Incremental costs were quantified for control measures with quantified emission reductions only.

\*\* Costs associated with deployed controls may continue to be incurred beyond 2037.

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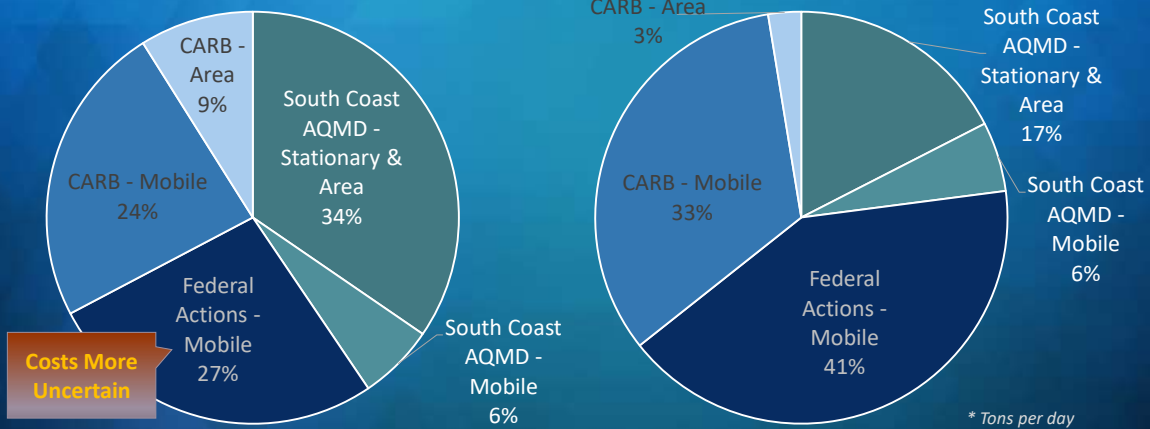
## Costs and NOx Reductions Breakdown

**\$2.85 B in Annual Costs**

(annual amortized average 2023-37)

**124 TPD\* of NOx Reductions**

(2037)



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# Summary of Draft Health Benefits

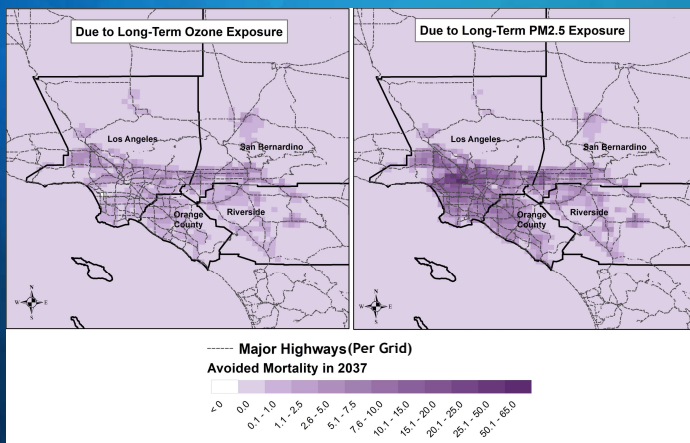
	Monetized Public Health Benefits (Billions of \$2021)			
	2032	2037	Annual Average (2025-2037)*	Present Value (2025-2037)**
Mortality-related benefits	\$19.3	\$39.1	\$18.7	\$129.6
Long-Term Ozone Exposure	\$4.0	\$9.6	\$4.2	\$29.4
Long-Term PM2.5 Exposure	\$15.3	\$29.5	\$14.4	\$100.2
Morbidity-related benefits	\$0.7	\$1.4	\$0.7	\$4.7
<b>Grand Total</b>	<b>\$20.0</b>	<b>\$40.5</b>	<b>\$19.4</b>	<b>\$134.3</b>

\* Several proposed clean air strategies in the Revised Draft 2022 AQMP will be implemented beginning in 2023. However, to be conservative and in consideration of the transition from VOC-limited to NOx-limited ozone formation regime for several areas in the South Coast Air Basin, it is assumed that there would be minimum clean air benefits during the first two years of 2022 AQMP implementation, and health benefits of implementing the Revised Draft 2022 AQMP would begin accruing only in 2025

\*\* Discounted to year 2022 using a 4% discount rate.

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# Avoided Premature Deaths



Avoided Premature Deaths		
	2032	2037
<b>Mortality, Respiratory / Mortality, All Cause</b>	<b>1,619</b>	<b>3,031</b>
<b>Ozone</b>	<b>339</b>	<b>744</b>
Los Angeles	124	309
Orange	48	85
Riverside	84	164
San Bernardino	83	186
<b>PM</b>	<b>1,280</b>	<b>2,287</b>
Los Angeles	821	1,471
Orange	184	300
Riverside	128	236
San Bernardino	146	279

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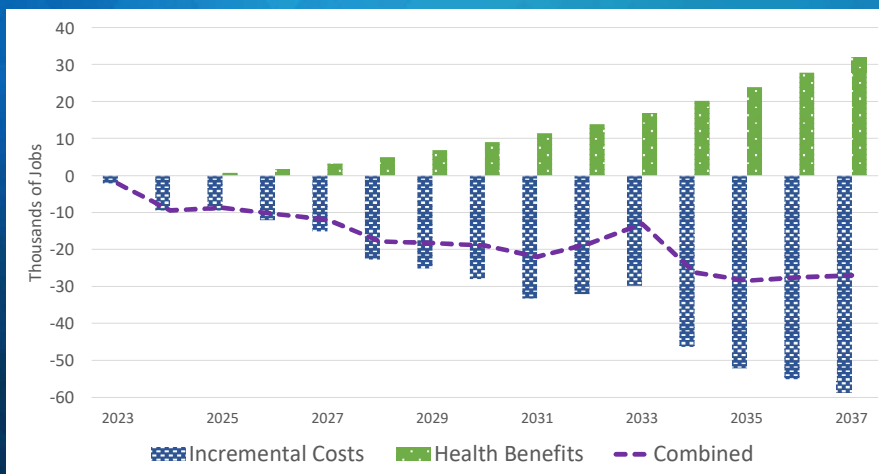
## Avoided Premature Deaths: EJ vs. Non-EJ

EJ Designation	EJ Communities	Non-EJ Communities	Difference
<b>Definition 1:</b> Poverty and Air Quality Indicators	262 to 274	211 to 228	51 to 45
<b>Definition 2:</b> Multiple Socioeconomic and Air Quality Indicators	262 to 268	209 to 229	53 to 39
<b>Definition 3:</b> SB 535 Disadvantaged Communities (DAC)	260	232	29

*Decrease per million residents age 30+*

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## Summary of Projected Job Impacts



Job impacts of benefits and costs combined

- **0.27%** annualized job growth v.s. baseline growth of 0.44% between 2023-37
- An annual average of **17,000 jobs** foregone in an economy with over 10 million jobs

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## Next Steps for AQMP Socioeconomic Report



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## Staff Contacts

Socioeconomic Analysis	AQMP Questions and Inquiries
<p>Brian Vlasich Air Quality Specialist <a href="mailto:bvlasich@aqmd.gov">bvlasich@aqmd.gov</a> 909.396.2176</p>	<p>Sang-Mi Lee, Ph.D. Planning &amp; Rules Manager <a href="mailto:slee@aqmd.gov">slee@aqmd.gov</a> 909.396.3169</p>
<p>Elaine Shen, Ph.D. Planning &amp; Rules Manager <a href="mailto:eshen@aqmd.gov">eshen@aqmd.gov</a> 909.396.2715</p>	<p>Ian MacMillan Assistant Deputy Executive Officer Planning, Rule Development &amp; Implementation <a href="mailto:imacmillan@aqmd.gov">imacmillan@aqmd.gov</a> 909.396.3244</p>
<p><b>Comments or questions on Draft Socioeconomic Report?</b> Visit us at: <a href="http://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan/socioeconomic-analysis">www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan/socioeconomic-analysis</a> or email us at: <a href="mailto:SocioEcon@aqmd.gov">SocioEcon@aqmd.gov</a></p>	

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