



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
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2022 AIR QUALITY MANAGEMENT PLAN (AQMP) CONTROL MEASURES WORKSHOP

Wednesday, November 10, 2021

- 9:00 a.m. - 12:00 p.m. (South Coast AQMD’s Stationary Sources)
- 1:30 p.m. - 4:30 p.m. (South Coast AQMD’s Mobile Sources and CARB’s State SIP Strategy Measures)

The Control Measures Workshop will only be conducted via video conferencing and by telephone. Please follow the instructions below to join the meeting remotely.

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

Zoom Meeting Link: <https://scaqmd.zoom.us/j/93576923378>

Teleconference Dial In: +1 669 900 6833

Zoom Meeting ID: 935 7692 3378

AGENDA

Morning Session (South Coast AQMD’s Stationary Sources)

- | | | | |
|----|---|-------------------------|--|
| 1. | Welcome and Introductions | 9:00 a.m. - 9:10 a.m. | Sarah Rees, Ph.D.
<i>Deputy Executive Officer
South Coast AQMD</i> |
| 2. | Overview of 2022 AQMP and Draft Stationary Source Control Measures | 9:10 a.m. – 9:20 a.m. | Ian MacMillan
<i>Assistant Deputy Executive Officer
South Coast AQMD</i> |
| 3. | Zero Emissions Technology for Stationary and Mobile Sources | 9:20 a.m. – 9:30 a.m. | Ian MacMillan
<i>Assistant Deputy Executive Officer
South Coast AQMD</i> |
| 4. | Discussion and Public Comments | 9:30 a.m. – 9:45 a.m. | All |
| 5. | South Coast AQMD’s Proposed Draft NOx Stationary Source Measures | 9:45 a.m. - 10:30 a.m. | South Coast AQMD Staff
<i>(See Attachment 1 for list of presenters)</i> |
| 6. | Discussion and Public Comments | 10:30 a.m. – 11:20 a.m. | All |
| 7. | South Coast AQMD’s Proposed Draft VOC Stationary Source Measures and Other Measures | 11:20 a.m. – 11:30 a.m. | South Coast AQMD Staff
<i>(See Attachment 1 for list of presenters)</i> |
| 8. | Discussion and Public Comments | 11:30 a.m. – 11:45 a.m. | All |
| 9. | Closing Remarks | 11:45 a.m. – 11:55 p.m. | Sarah Rees, Ph.D.
<i>Deputy Executive Officer
South Coast AQMD</i> |

Afternoon Session (South Coast AQMD’s Mobile Sources and CARB’s State SIP Strategy Measures)

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|----|--|-----------------------|---|
| 1. | Welcome and Introductions | 1:30 p.m. – 1:40 p.m. | <i>Sarah Rees, Ph.D.</i>
<i>Deputy Executive Officer</i>
<i>South Coast AQMD</i> |
| | | | <i>Michael Benjamin, D.Env.</i>
<i>Division Chief</i>
<i>CARB</i> |
| 2. | Overview of 2022 AQMP | 1:40 p.m. – 1:50 p.m. | <i>Ian MacMillan</i>
<i>Assistant Deputy Executive Officer</i>
<i>South Coast AQMD</i> |
| 3. | CARB State Strategy for State Implementation Plan Draft Measures | 1:50 p.m. – 2:30 p.m. | <i>Austin Hicks</i>
<i>Air Pollution Specialist</i>
<i>CARB</i> |
| 4. | Discussion and Public Comments | 2:30 p.m. – 3:15 p.m. | <i>All</i> |
| 5. | South Coast AQMD’s Proposed Draft Mobile Source Measures | 3:15 p.m. – 3:50 p.m. | <i>South Coast AQMD Staff</i>
<i>(See Attachment 2 for list of presenters)</i> |
| 6. | Discussion and Public Comments | 3:50 p.m. – 4:20 p.m. | <i>All</i> |
| 7. | Closing Remarks | 4:20 p.m. – 4:30 p.m. | <i>Sarah Rees, Ph.D.</i>
<i>Deputy Executive Officer</i>
<i>South Coast AQMD</i> |
| | | | <i>Michael Benjamin, D.Env.</i>
<i>Division Chief</i>
<i>CARB</i> |

Audience will be allowed to provide public comments through telephone or Zoom connection.

The public may provide comments during the meeting following the directions below. **Once you raise your hand to provide a comment, you will be added to the speaker list and 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 or a SMARTPHONE:

- If you would like to make a comment, please click on the “**Participants**” button on the bottom of the screen.
- On a **DESKTOP/LAPTOP**: 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.
- On a **SMARTPHONE**: 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 comment and you will be added to the list.

Directions for TELEPHONE line only:

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

Attachment 1. 2022 AQMP – List of South Coast AQMD Proposed Stationary Source Control Measures

South Coast AQMD Proposed Stationary Source Measures		Presenters / Lead Staff
NOx Measures	• R-CMB-01 Residential Water Heating	Yanrong Zhu yzhu1@aqmd.gov
	• R-CMB-02 Residential Space Heating	
	• R-CMB-03 Residential Cooking Devices	Kayla Jordan kjordan@aqmd.gov
	• R-CMB-04 Other Residential Combustion Sources	Yanrong Zhu yzhu1@aqmd.gov
	• C-CMB-01 Commercial Water Heating	
	• C-CMB-02 Commercial Space Heating	
	• C-CMB-03 Commercial Cooking Devices	Kayla Jordan kjordan@aqmd.gov
	• C-CMB-04 Small Internal Combustion Engines (Non-permitted)	Mike Laybourne MLaybourn@aqmd.gov
	• C-CMB-05 Small Miscellaneous Commercial Combustion Equipment (Non-permitted)	Mike Morris mmorris@aqmd.gov
	• L-CMB-01 NOx RECLAIM (formerly CMB-05)	Isabelle Shine ishine@aqmd.gov
	• L-CMB-02 Boilers and Process Heaters (Permitted)	Lizabeth Gomez lgomez@aqmd.gov
	• L-CMB-03 Non-Emergency Internal Combustion Engines (Permitted)	Rudy Chacon rchacon@aqmd.gov
	• L-CMB-04 Emergency Standby Engines (Permitted)	Yunnie Osias yosias@aqmd.gov
	• L-CMB-05 Large Turbines	Isabelle Shine ishine@aqmd.gov
	• L-CMB-06 Electric Generating Facilities	Charlene Nguyen cnguyen@aqmd.gov
	• L-CMB-07 Petroleum Refineries	Michael Krause mkrause@aqmd.gov
	• L-CMB-08 Landfills and Publicly Owned Treatment Works	Isabelle Shine ishine@aqmd.gov
	• L-CMB-09 Incinerators	Mike Morris mmorris@aqmd.gov
	• L-CMB-10 Miscellaneous Permitted Equipment	Shawn Wang swang@aqmd.gov
	• ECC-01 Co-Benefits from Existing and Future GHG Programs, Policies, and Incentives	Kalam Cheung kcheung@aqmd.gov
• ECC-02 Co-Benefits from Existing and Future Residential and Commercial Building Energy Efficiency Measures		
• ECC-03 Additional Enhancements in Reducing Existing Residential Building Energy Use		

Attachment 1. 2022 AQMP – List of South Coast AQMD Proposed Stationary Source Control Measures (cont'd)

South Coast AQMD Proposed Stationary Source Measures		Presenters / Lead Staff
VOC Measures	<ul style="list-style-type: none"> FUG-01 Improved Leak Detection and Repair 	Melissa Gamoning MGamoning@aqmd.gov
	<ul style="list-style-type: none"> FUG-02 Emission Reductions from Cooling Towers 	Yunie Osias yosias@aqmd.gov
	<ul style="list-style-type: none"> CTS-01 Further Emission Reductions from Coatings, Solvents, Adhesives, and Sealants 	Charlene Nguyen cnguyen@aqmd.gov
	<ul style="list-style-type: none"> FLX-02 Stationary Source VOC Incentives 	Kalam Cheung kcheung@aqmd.gov
	<ul style="list-style-type: none"> BIO-01 Assessing Emissions from Urban Vegetation 	Eric Praske epraske@aqmd.gov
Other Measures	<ul style="list-style-type: none"> MCS-01 Application of All Feasible Measures 	Kalam Cheung kcheung@aqmd.gov
	<ul style="list-style-type: none"> MCS-02 Wildfire Prevention 	James McCreary JMcCreary@aqmd.gov
	<ul style="list-style-type: none"> FLX-01 Improved Education and Public Outreach 	Kalam Cheung kcheung@aqmd.gov

Attachment 2. 2022 AQMP – List of South Coast AQMD Proposed Mobile Source Control Measures

South Coast AQMD Proposed Mobile Source Measures	Presenters / Lead Staff
<ul style="list-style-type: none"> EGM-01 Emission Reductions from New Development and Redevelopment Projects 	<p>Lijin Sun LSun@aqmd.gov</p>
<ul style="list-style-type: none"> EGM-02 Projects Subject to General Conformity Requirements 	<p>Sang-Mi Lee slee@aqmd.gov</p>
<ul style="list-style-type: none"> EGM-03 Clean Construction Policy 	<p>Lijin Sun LSun@aqmd.gov</p>
<ul style="list-style-type: none"> MOB-01 Emission Reductions at Commercial Marine Ports 	<p>Elaine Shen eshen@aqmd.gov</p>
<ul style="list-style-type: none"> MOB-02 Emission Reductions at Rail Yards and Intermodal Facilities 	<p>Mike Morris mmorris@aqmd.gov</p>
<ul style="list-style-type: none"> MOB-03 Emission Reductions at Warehouse Distribution Centers 	<p>Victor Juan vjuan@aqmd.gov</p>
<ul style="list-style-type: none"> MOB-04 Emission Reductions at Commercial Airports 	<p>Sang-Mi Lee slee@aqmd.gov</p>
<ul style="list-style-type: none"> MOB-05 Accelerated Retirement of Older Light-Duty and Medium-Duty Vehicles 	<p>Brian Choe bchoe@aqmd.gov</p>
<ul style="list-style-type: none"> MOB-06 Accelerated Retirement of Older On-Road Heavy-Duty Vehicles 	
<ul style="list-style-type: none"> MOB-07 On-Road Mobile Source Emission Reduction Credit Generation Program 	
<ul style="list-style-type: none"> MOB-08 Extended Exchange Program 	
<ul style="list-style-type: none"> MOB-09 Further Emission Reductions from Passenger Locomotives 	
<ul style="list-style-type: none"> MOB-10 Off-Road Mobile Source Emission Reduction Credit Generation Program 	
<ul style="list-style-type: none"> MOB-11 Emission Reductions from Incentive Programs 	<p>Elaine Shen eshen@aqmd.gov</p>
<ul style="list-style-type: none"> MOB-12 Emission Reductions from Pacific Rim Initiative for Maritime (PRIMER) 	<p>Brian Choe bchoe@aqmd.gov</p>
<ul style="list-style-type: none"> MOB-13 Fugitive Emissions from Tanker Vessels 	<p>Jeffrey Inabinet jnabinet@aqmd.gov</p>
<ul style="list-style-type: none"> MOB-14 Rule 2202/Telecommuting 	<p>Lane Garcia lgarcia@aqmd.gov</p>